



## Undergraduate Bulletin 2009–2011

ST. JOHN'S UNIVERSITY UNDERGRADUATE BULLETIN 2009–2011



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Queens, NY 11439

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# St. John’s University

## Undergraduate Bulletin

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This is your official guide to academic policies and regulations at St. John’s University. Students are required to familiarize themselves with this bulletin. Primary responsibility for knowing and fulfilling all requirements rests on every individual student. The bulletin in effect at the time of admission or readmission governs degree requirements.

The University administration reserves the right, whenever advisable (1) to change or modify its schedule of tuition and fees and (2) to withdraw, cancel, reschedule or modify any course, program of study, or degree, or any requirement in connection with any of the foregoing.

Consistent with the University’s mission as a Catholic, Vincentian and metropolitan institution of higher education, the University abides by all applicable federal, state and local laws which prohibit discrimination on the basis of race, religion, color, national or ethnic origin, age, sex (including sexual harassment), sexual orientation, marital status, citizenship status, disability, genetic predisposition or carrier status or status in the uniformed services of the United States, in admitting students to its programs or in administering its educational policies, admissions policies, scholarship and loan programs, athletics and other institutionally administered programs or activities generally made available to students at the University. In accordance with these laws, the University also prohibits retaliation against anyone who has complained about discrimination or otherwise exercised rights guaranteed under these laws. In addition, the University continually strives to fulfill its educational goals by maintaining a fair, humane, responsible and non-discriminatory environment for all students and employees. All University policies, practices and procedures are administered in a manner which preserves its rights and identity as a Catholic Vincentian institution of higher education.

The Office of Employee Relations and Compliance is located in Chiang Ching-Kuo Hall, at the Queens campus. The Office can be reached by telephone at (718) 990-1488.

*Other bulletins and brochures of St. John’s University and up-to-date academic information may be obtained by contacting:*

Office of Admission		
St. John’s University	St. John’s University	St. John’s University
8000 Utopia Parkway	300 Howard Avenue	101 Murray Street
Queens, NY 11439	Staten Island, NY 10301	New York, NY 10007
1 (888) 9STJOHNS	(718) 390-4500	1 (888) 9STJOHNS

www.stjohns.edu

*The Undergraduate Bulletin includes:*

- St. John’s College of Liberal Arts and Sciences
- The School of Education
- The Peter J. Tobin College of Business
- College of Pharmacy and Allied Health Professions
- College of Professional Studies

*Other brochures and bulletins:*

- Graduate Bulletin
- School of Law Bulletin
- Summer Sessions Bulletin
- Continuing Education
- Rome Graduate Center Brochures

### USE OF THE NAME OF ST. JOHN’S UNIVERSITY

Students of St. John’s University, either individually or collectively, shall not, without the written consent of the proper authorities, use the name of St. John’s University or any of its units in any activity of whatsoever kind outside of the regular work of the school. Violation of this rule is regarded as sufficient cause for dismissal.



## Undergraduate Bulletin 2009–2011

St. John's College of  
Liberal Arts and Sciences

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The School of Education

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The Peter J. Tobin College of Business

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College of Pharmacy and  
Allied Health Professions

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College of Professional Studies

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Rome, Italy 00192  
011 39 (06) 393-842

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

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**Please note:** A complete version of the undergraduate bulletin can be found at our Web site: [www.stjohns.edu/bulletins](http://www.stjohns.edu/bulletins).

Included on the site are the University's mission and vision statements, complete sections of all schools and colleges with full course descriptions, historic dates, study abroad programs, special and opportunity programs, financial aid, student support services, administration of the University, campus facilities and directions.

## Academic Calendar

### 2009–2010

\*Calendar subject to change. Consult the Web, [www.stjohns.edu](http://www.stjohns.edu), for latest updates.

#### 2009 Fall Semester

##### August

- 6 **Thursday:** Last day to file a diploma application for September degree conferral.

##### September

- 2 **Wednesday:** Fall semester begins. Monday classes meet.  
5 **Saturday:** School Closed – No classes.  
7 **Monday:** Labor Day – School closed – No classes.  
9 **Wednesday:** Last day to drop/add classes. All registration ceases.  
22 **Tuesday:** Last day to drop classes.  
23 **Wednesday:** Withdrawal periods begins.  
30 **Wednesday:** September degree conferral date.

##### October

Web Registration begins – Schedule to be announced. Consult the Web for details.

- 12 **Monday:** Columbus Day – School closed – No classes.  
13–19 **Tuesday–Monday:** Midterm examination period.  
21 **Wednesday:** Last day to file a diploma application for the January degree conferral.

##### November

- 1 **Sunday:** All Saint's Day – School closed – No classes.  
9 **Monday:** Last day to withdraw from classes without receiving a penalty. Last day to apply for Pass/Fail Option.  
25–29 **Wednesday–Sunday:** Thanksgiving Recess – School closed – No classes.  
30 **Monday:** Classes resume.

##### December

- 8 **Tuesday:** Feast of the Immaculate Conception – School closed – No classes.  
9 **Wednesday:** Last day of weekday classes.  
10–11 **Thursday – Friday:** Study Days – No classes.  
12 **Saturday:** Last day of Saturday classes.  
14–19 **Monday–Saturday:** Final examination period.

#### 2009 Fall

##### Weekend College Session

Queens and Staten Island campuses (Check Web at [www.stjohns.edu](http://www.stjohns.edu) for details.)

September: 11, 12, 18, 19, 25, 26

October: 2, 3, 16, 17, 23, 24

November: 6, 7, 13, 14, 20, 21

December: 4, 5, 11, 12 (Final Exams)

## 2010 Spring Semester

##### January

- 6–7 **Wednesday–Thursday:** Make-up examinations. Permission of the Dean is required.  
20 **Wednesday:** Spring semester begins.  
26 **Tuesday:** Last day to drop/add classes. All registration ceases.  
29 **Friday:** January degree conferral date.

##### February

- 9 **Tuesday:** Last day to drop classes.  
10 **Wednesday:** Withdrawal period begins.  
15 **Monday:** President's Day – School closed – No classes.  
17 **Wednesday:** Monday classes meet.

##### March

Web Registration begins – Schedule to be announced. Consult the Web for details.

- 1–6 **Monday–Saturday:** Midterm examination period.  
8–13 **Monday – Saturday:** Spring Break – No classes.  
11 **Thursday:** Last day to file a diploma application for the May Commencement exercises.

##### April

- 1–5 **Thursday – Monday:** Easter Recess – School Closed – No classes.  
6 **Tuesday:** Classes resume.  
7 **Wednesday:** Last day to withdraw from classes without penalty. Last day to apply for Pass/Fail option.

##### May

- 3 **Monday:** Last day of classes.  
4 **Tuesday:** Study Day–No classes.  
5–11 **Wednesday–Tuesday:** Final examination period.  
13 **Thursday:** Ascension Thursday–School Closed–No classes.  
15 **Saturday:** Staten Island campus commencement.  
16 **Sunday:** Queens campus commencement.

#### 2010 Spring

##### Weekend College Session

Queens and Staten Island campuses (Check Web at [www.stjohns.edu](http://www.stjohns.edu) for details.)

January: 22, 23, 29, 30

February: 5, 6, 19, 20

March: 5, 6, 19, 20, 26, 27

April: 9, 10, 16, 17, 30

May: 1, 7, 8 (Final Exams)

## Academic Calendar

### 2010–2011

\*Calendar subject to change. Consult the Web, [www.stjohns.edu](http://www.stjohns.edu), for latest updates.

#### 2010 Fall Semester

##### August

- 5 **Thursday:** Last day to file a diploma application for September degree conferral.

##### September

- 1 **Wednesday:** Fall semester begins. Monday classes meet.  
4 **Saturday:** School Closed – No Classes.  
6 **Monday:** Labor Day – School closed – No classes.  
8 **Wednesday:** Last day to drop/add classes. All registration ceases.  
21 **Tuesday:** Last day to drop classes.  
22 **Wednesday:** Withdrawal period begins.  
30 **Thursday:** September degree conferral date.

##### October

Web Registration begins – Schedule to be announced. Consult the Web for details.

- 11 **Monday:** Columbus Day – School closed – No classes.  
12–18 **Tuesday–Monday:** Midterm examination period.  
22 **Friday:** Last day to file a diploma application for the January degree conferral.

##### November

- 1 **Monday:** All Saint's Day – School closed – No classes.  
2 **Tuesday:** Monday classes meet.  
9 **Tuesday:** Last day to withdraw from classes without receiving a penalty. Last day to apply for Pass/Fail Option.  
24–28 **Wednesday – Sunday:** Thanksgiving Recess – School closed – No classes.  
29 **Monday:** Classes Resume

##### December

- 8 **Wednesday:** Feast of the Immaculate Conception – School closed – No classes.  
9 **Thursday:** Last day of weekday classes. Wednesday classes meet.  
10 **Friday:** Study Day–No classes.  
11 **Saturday:** Last Day of Saturday classes.  
13–18 **Monday–Saturday:** Final examination period.

#### 2010 Fall

##### Weekend College Session

Queens and Staten Island campuses (Check Web at [www.stjohns.edu](http://www.stjohns.edu) for details.)

September: 10, 11, 17, 18, 24, 25

October: 1, 2, 15, 16, 29, 30

November: 5, 6, 19, 20

December: 3, 4, 10\*, 11, 17, 18 (Final Exams)

\*Friday night classes will be held on Study Day.

## 2011 Spring Semester

### January

- 5– **Wednesday–Thursday:** Make-up examinations. Permission of the Dean required.
- 19 **Wednesday:** Spring semester begins.
- 25 **Tuesday:** Last day to drop/add classes. All registration ceases.
- 31 **Monday:** January degree conferral date.

### February

- 8 **Tuesday:** Last day to drop classes.
- 9 **Wednesday:** Withdrawal period begins.
- 21 **Monday:** President's Day – School closed – No classes.
- 23 **Wednesday:** Monday Classes Meet.

### March

Web Registration begins – Schedule to be announced. Consult the Web for details.

- Feb. 28– **Monday – Saturday:** Midterm examination period.
- Mar. 5 **Friday:** Last day to file a diploma application for the May commencement exercises.
- 7– **Monday–Saturday:** Spring Break – No classes.

### April

- 1 **Friday:** Last day to withdraw from classes without receiving a penalty. Last day to apply for Pass/Fail Option.
- 21– **Thursday–Monday:** Easter Recess – School closed – No classes.
- 25 **Tuesday:** Classes resume.

### May

- 2 **Monday:** Last Day of Classes.
- 3 **Tuesday:** Study Day – No classes.
- 4– **Wednesday–Tuesday:** Final examination period.
- TBA **Saturday:** Staten Island Campus Commencement.
- TBA **Sunday:** Queens Campus Commencement.

## 2011 Spring Weekend College Session

Queens and Staten Island campuses  
(Check Web at [www.stjohns.edu](http://www.stjohns.edu) for details.)

- January: 21, 22, 28, 29
- February: 4, 5, 11, 12, 25, 26
- March: 4, 5, 25, 26
- April: 1, 2, 15, 16, 29, 30
- May: 6, 7 (Final Exams)

## General Information

Applications may be obtained from the Office of Admission at any of the following campuses:

**St. John's University**  
8000 Utopia Parkway  
Queens, NY 11439  
1(888) 9STJOHNS

**St. John's University**  
300 Howard Avenue  
Staten Island, NY 10301  
(718) 390-4500

**St. John's University**  
101 Murray Street  
Manhattan, NY 10007  
(212) 277-5108

Completed applications should be sent to the Admission Office at the appropriate campus.

The University operates on a "rolling admissions" basis. Applications are processed as soon as all required credentials are received\* (for exceptions, see application deadlines).

All applicants will receive written notification concerning the decision made by the Admission Committee.

St. John's University requires a recent physical examination (within one year of admission) including a diphtheria-tetanus booster and a tuberculin skin test.

New York State Public Health Law 2165, requires ALL students who were born ON OR AFTER JANUARY 1, 1957, to be immunized against measles, mumps and rubella. Students must submit documentation of TWO doses of the measles, and ONE dose each of mumps and rubella. All immunizations must have been received after 1967 and after your first birthday.

In addition, St. John's University is in compliance with New York State Public Health Law 2167, requiring ALL students attending colleges and universities in the state to be given information about immunization against meningococcal meningitis. Students must respond to the notification within 30 days.

DOCUMENTATION OF IMMUNIZATIONS AND MENINGITIS AWARENESS FORMS MUST BE COMPLETED AND RETURNED BEFORE CLASSES BEGIN.

*\*Notification to candidates begins on or about January 1.*

## Application Fee and Deposit

St. John's University requires a non-refundable \$50 application fee. All candidates who have been accepted by St. John's University must confirm their intention to enroll by submitting a deposit of \$100 (\$250 for pharmacy majors) on or before May 1. This deposit is non-refundable but is credited toward tuition upon registration. St. John's University adheres to the National Deposit Policy recognizing May 1 as the official deadline for submitting enrollment deposits.

## New Freshman Admission

Admission is determined by the applicant's previous academic performance, satisfactory achievement on appropriate standardized tests, recommendations and other factors that suggest academic potential and motivation. Applicants must ask their high school to forward to St. John's their official transcripts as soon as possible, including a listing of courses in progress as well as an official copy of their Scholastic Aptitude Test (SAT) or American College Test (ACT). Applicants with high school equivalency diplomas (based on the General Education Development tests) are considered for admission. They must submit an official copy of their GED scores and diploma.

The Committee may require a student to have a personal interview as part of this admission process.

All applicants who have been out of school for more than a semester are expected to include a letter explaining their activities since their last attendance in school. Home-schooled students must take an approved "Ability to Benefit" test prior to enrollment.

For information pertaining to specific schools or programs, you may consult the bulletin.

## Application Deadlines

### International Students

Fall admission	May 1
Spring admission	November 1

### Pharm.D. Major

Fall admission	February 1
Applications are accepted for first-year students only. All applications and supporting documentation must be received by February 1 for consideration for fall only. Transfer applications to the Pharm.D. program are accepted on a space-available basis only.	

### Physician Assistant (transfers only)

Fall admission	March 1
Spring admission	October 15

## Fine Arts

Fall admission	March 1
Spring admission	November 1

The Liberal Arts Faculty Council approved the following motion at their March 27, 2007 meeting:

### RESOLVED

That a deadline be established by which applicants must submit their portfolios for review in consideration of their acceptance into the BFA programs. For Fall admission, the deadline for submission of portfolios is March 1; for Spring admission, the deadline is November 1.

The Liberal Arts Faculty Council also strongly recommends that the University make every effort to make these dates known to high school guidance counselors, art teachers and prospective applicants.

## Transfer Student Admission

### External Students

St. John's University admits candidates who wish to transfer from other colleges or universities. Applicants must be in good academic standing at their current institution and present evidence of such during the admission process. Candidates are encouraged to submit their application by May 1 for the summer session, August 1 for the fall semester, and December 1 for the spring semester.

Applicants admitted with transfer credit must satisfy the requirements of the University for residence and for graduation. (see "Residence" in the Academic Information and Regulations section.)

A student transferring from another college or university needs to present the following:

1. A completed application including all transfer section information and official college transcripts
2. Official transcripts of high school—depending on intended majors and/or college work
3. A list of courses currently in progress
4. A letter explaining interim activities if the student has been out of school for one semester or more

It is the policy of the University to deny admission to an applicant who has been dismissed from another institution for academic or disciplinary reasons.

### Internal Students

Matriculated students for the baccalaureate degree may qualify for transfer to another baccalaureate curriculum in the University by meeting the general scholastic requirements of a particular college or school.

Matriculated students for the associate degree may qualify for transfer to a baccalaureate curriculum of the University by meeting the general scholastic requirements of a particular school or college.

Matriculated students for the associate degree may qualify for transfer to a baccalaureate curriculum of the University by completing the requirements for the associate degree or by meeting one of the following requirements:

#### Completion of:

Credits	Quality Point Index
21 to 27	3.00
30 or more	2.75
45 or more	2.50
60 or more	2.25

Students who qualify for transfer to a baccalaureate program of the University by earning the associate degree will begin a new quality point index upon enrollment in that program. Students wishing to transfer from one University college or school to another must complete the Application for Undergraduate Transfer within the University.

International students applying to Pharm.D. are required to take the SAT or ACT.

Those who apply for undergraduate re-admission or transfer within the University and then decide not to transfer from one college or school to another must officially request withdrawal of the application in writing and submit the written request for withdrawal notice to the Office of the Registrar.

Applicants for transfer from one program to another (one major to another) within a college must seek approval from the college or school office.

## Re-Admission Policy

Students who have not been in attendance at St. John's University for up to one year **and, in addition**, have not attended another college or university in the interim may be considered as candidates for re-admission. Eligible students must complete a brief re-admission form available in the Office of Admission.

Those students who have not been in attendance at St. John's University for longer than one year (two consecutive semesters) or who have attended another college or university (for any length of time) must re-apply for admission as a transfer student, must complete a transfer application and submit the required application documents.

## International Student Admission

Qualified international students are admitted into all undergraduate schools of the University. Such candidates must have superior academic record, and show proof of English language proficiency if the native language is other than English.

**Freshman Applicant:** must present a formal application; official secondary school records, and/or official certificates/results from Ministry of Education (if applicable); official examinations results, if taken, directly from the examining board; a letter of recommendation from an advisor and a personal statement or essay are strongly encouraged; score reports for the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS); SAT or ACT score reports if wishing to compete at the NCAA level; SAT or ACT score reports if wishing to apply to the Pharmacy (Pharm.D. degree) program.

**Transfer Applicant:** must present a formal application; official secondary school records, and/or official certificates/results from the Ministry of Education (if applicable); official examinations results, if taken, directly from the examining board; official university/post-secondary records; a letter explaining activities if the student has been out of school for one semester or more; score reports for the Test of English as a Foreign Language (TOEFL) or International English Language Testing System (IELTS); SAT or ACT score reports if wishing to compete at the NCAA level.

The application deadline for international students is May 1 for the fall semester, and November 1 for the spring semester, except the following:

Freshman Pharmacy (Pharm.D.) applicant: February 1 for the fall semester.

Transfer Physician Assistant applicant: March 1 for fall semester and October 15 for the spring semester.

Applicants who are academically admissible, but the TOEFL and IELTS score does not indicate satisfactory English proficiency, will be conditionally admitted through the Intensive English Program (IEP). Upon successful completion of the full-time non-credit IEP, students will continue at the University and begin taking credit classes leading to a degree program.

Questions concerning specific information about University programs or admission procedures should be directed to the Office of International Admission.

Upon acceptance into the University, all F1 and J1 students must provide documentation to the Office of International Student and Scholar Services, so that an I-20 or DS-2019 can be issued for the student to apply for a visa.



## Entrance Requirements

Please see the major to which you have applied for general and specific entrance requirements.

## Matriculation Status

A matriculated student is one who is permitted to pursue a specific college program leading to a degree.

A non-matriculated student is one who is not pursuing a degree program at St. John's University.

## Accident and Sickness Insurance

The University makes available health insurance to all students through University Health Plans. This insurance allows students to be covered for illness and accidents.

The University requires all international students holding F1 and J1 visas and all resident students to have adequate health insurance coverage.

**F1 and J1 Students:** All F1 and J1 students will be automatically provided with and charged for health insurance each semester. The mandatory charge for the insurance will be added to the semester invoices, which is due and payable with the tuition and fee charges.

**Resident Students:** Resident students who have not waived the University-provided insurance will be automatically provided with and charged for this health insurance. The charge for this insurance will be added to the semester invoice, which is due and payable with the tuition and fee charges. To waive the insurance coverage, resident students are required to submit their insurance information online at [www.universityhealthplans.com](http://www.universityhealthplans.com).

Penalties may be charged for failure to waive by specified dates set by the University.

**Commuter Students:** Insurance also is available to our commuter full-time and part-time undergraduate population and can be purchased at [www.universityhealthplans.com](http://www.universityhealthplans.com).

Please direct any questions to the Office of Student Financial Services at (718) 990-7592 (Queens campus); the Health Office at (718) 390-4447 (Staten Island campus); or University Health Plans at 1(800) 437-6448.

## Expenses

All fees and the entire tuition for each semester are due and payable in full before registration can be completed. All payments must be made by check or money order payable to St. John's University or by credit card. American Express, MasterCard, VISA and Discover are currently accepted by the Office of Student Financial Services, or the Office of

Enrollment Services on the Manhattan campus. St. John's University reserves the right to change accepted forms of payment at any time.

For those students and parents of students who wish to make tuition payments on a monthly basis, St. John's University makes available services of an outside independent educational credit company plan. Information regarding this plan can be obtained from the Office of Student Financial Services, or the Office of Enrollment Services on the Manhattan campus. Please ensure that your student ID is written on all checks to the University. University staff will write student ID numbers on checks when a student has not done so already.

Students whose accounts are in arrears will not be permitted to register for a subsequent semester, issued a diploma or a transcript of record. All past-due balances are charged interest at the rate of 1% per month. Delinquent accounts may be referred to a third party for collection, which will result in the addition of collection costs to the account balance.

All outstanding tuition account balances are educational loans extended with the express understanding that future repayment shall be made to the University. Pursuant to federal bankruptcy law and regulations, such tuition expenses are educational loans that are not automatically discharged in bankruptcy.

Students holding full tuition scholarships are required to pay the General Fee and any other fees required for the courses they are taking.

The University reserves the right to change the schedule of tuition and fees when necessary, but every effort is made to maintain them at the lowest possible level.

## Tuition Rates 2009–2010

### Undergraduate:

Cost per credit	\$978
Cost per semester	
(12 to 18 credits—Block Tuition)	\$14,675

*With the exception of:*

The Peter J. Tobin College of Business Third and Fourth Years  
(completed 56 credits or more)

Cost per credit	\$1,020
Cost per semester	
(12 to 18 credits—Block Tuition)	\$15,300

Pharm.D. Majors Third, Fourth, Fifth and Sixth Years

Cost per credit	\$1,120
Cost per semester	
(12 to 18 credits—Block Tuition)	\$16,800

**2010–2011 tuition will be announced in April 2010.**

## Fees (Non-Refundable)

### University General Fee per semester

Students carrying 12 credits or more	\$250
Students carrying 9–11 credits	\$200
Students carrying 1–8 credits	\$125
<i>This fee includes the use of athletic facilities, the Counseling Center, Health Services, Library, Career Center, transcripts and registration.</i>	

### Student Government Activity Fee per Semester

*This additional fee, determined by the Student Government, goes to student organizations in accordance with procedures set by the Student Government.*

### Queens, Staten Island, Manhattan

Students carrying 12 credits or more	\$95
Students carrying 9–11 credits	\$47.50

### Other Fees

Application Fee	\$50
Admission Deposit	\$100
or \$250 (Pharmacy)	
New Student Fee (freshman)	
All campuses	\$250
New Student Fee (transfer)	
All campuses	\$150
Late Registration	
(does not apply to new students)	\$200
Late Payment	\$200
Deferment Fee	\$150
Parking Fee	\$100
Returned Check Fee	\$50
Locker, per semester	\$20
Make-up Examination Fee	\$80

*Individual courses may carry a laboratory or studio fee. Please refer to the course description for fee information.*

St. John's University requires all international students with an F-1 or J-1 visa to pay for health insurance through the University insurance company.



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## Room and Board

### Queens Campus

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#### 2009–2010 Academic Year

Single Room	\$5,025 per semester
Standard Double Room	\$4,125 per semester
Junior Double Room	\$3,725 per semester
Standard Triple Room	\$4,125 per semester
Junior Triple/Quad Room	\$3,500 per semester
Board (Meal) Plan	\$2,445 per semester
Townhouse Double Room	\$4,575 per semester
Townhouse Triple Room	\$4,575 per semester

### Queens Off-Campus (Henley and Seton)

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#### 2009–2010 Academic Year

Single Room	\$5,450 per semester
Large Single Room	\$5,625 per semester
Double Room	\$4,575 per semester
Triple Room	\$3,900 per semester

### Staten Island Campus

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#### 2009–2010 Academic Year

Single Rooms range	from \$4,025 to \$5,025 per semester
Double Rooms range	from \$3,775 to \$3,995 per semester
Triple Room	\$3,425 per semester
Board (Meal) Plan	\$1,450 per semester

### Manhattan Campus

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#### 2009–2010 Academic Year

Single Room	\$5,025 per semester
Double Room	\$3,775 per semester
Triple/Quad Room	\$3,775 per semester
Board (Meal) Plan	\$1,475 per semester

## Room and Board Withdrawals

The following percentage of room and board charges may be credited for withdrawals:

### Fall 2009

100%	through September 1
90%	through September 8
80%	through September 15
60%	through September 22
40%	through September 29
20%	through October 6
0%	after October 6

### Spring 2010

100%	through January 15
90%	through January 22
80%	through January 29
60%	through February 5
40%	through February 12
20%	through February 19
0%	after February 19

### Fall 2010

100%	through August 31
90%	through September 7
80%	through September 14
60%	through September 21
40%	through September 28
20%	through October 5
0%	after October 5

### Spring 2011

100%	through January 14
90%	through January 25
80%	through February 1
60%	through February 8
40%	through February 15
20%	through February 22
0%	after February 22

Withdrawal from campus housing could affect your cost of attendance for financial aid purposes. Please contact the Office of Student Financial Services for details.

## Withdrawal from Courses and Tuition Refunds

A student who wishes to withdraw from a course must complete a Change of Program Form and have it signed by the appropriate Academic Dean. The date of withdrawal shall be computed from the date the student completed and signed the Change of Program Form.

Withdrawal from courses may entitle the student to a credit of tuition. This policy refers only to tuition. Fees are not refundable.

A withdrawal from courses may also affect the student's eligibility for financial assistance. Students who are recipients of federal Title IV funds and who withdraw prior to the 60% point in the term are subject to

a recalculation of Title IV aid eligibility and will have to return or repay unearned Title IV funds. Eligibility for all other institutional, state and external awards will be determined on an individual basis.

Students should allow an appropriate length of time from the date of filing a Change of Program with the Dean for refund claims to be approved, processed and for checks to be mailed.

Students will not be entitled to a refund until all federal Title IV programs are credited and all outstanding charges have been paid.

**Students are considered in attendance until they officially withdraw from school or are requested to do so by a Dean.**

Students who leave school voluntarily or drop a course must do so through the proper channels or otherwise risk assuming full tuition charges. Students who fail to formally withdraw may also be responsible for repaying all or part of the financial aid funds received in the term.

Please consult your Dean for additional details or questions regarding this withdrawal process.

Please also see p.10, "Officially Notifying the University of a Withdrawal from Class" and "Withdrawing from Class."

The following percentage of tuition may be credited for withdrawals:

### Fall 2009

100%	through September 9
80%	through September 16
60%	through September 23
40%	through September 30
20%	through October 7
0%	after October 7

### Spring 2010

100%	through January 26
80%	through February 2
60%	through February 9
40%	through February 16
20%	through February 23
0%	after February 23

### Fall 2010

100%	through September 8
80%	through September 15
60%	through September 22
40%	through September 29
20%	through October 6
0%	after October 6

### Spring 2011

100%	through January 25
80%	through February 1
60%	through February 8
40%	through February 15
20%	through February 22
0%	after February 22

# Academic Information and Regulations

## Attendance

Each of St. John's University's undergraduate colleges and schools has its own attendance regulations. Students are responsible for knowing the regulations of their school. When enrolled in a course in another school, students are held responsible for that school's attendance regulations.

## Major Area of Study

A major is a concentration in one area of study having as its objective the acquisition of knowledge in depth, and complementing the remainder of the curriculum so that the whole will fulfill the institutional objectives while meeting the specific needs of the student. When professional or graduate work is contemplated, some measure of attention is given to the prerequisites of professional and graduate programs.

## Approved Programs of Study

Students may only enroll in programs of study officially registered with the New York State Education Department or otherwise officially approved. Enrollment in non-registered or unapproved programs may jeopardize eligibility for certain student aid awards.

### St. John's College of Liberal Arts and Sciences Queens campus

Major Name	HEGIS Code	Credentials
Anthropology	2202.00	BA
	1401.00	BA/JD
Adol Ed French	1102.01	BA
Adol Ed Math	1701.01	BA
Adol Ed Physics	1902.01	BA
Adol Ed Soc Studies	2201.01	BA
Adol Ed Spanish	1105.01	BA
Adol Ed Chemistry	1905.01	BA
Adol Ed Italian	1104.01	BA
Adol Ed English	1501.01	BA
Art	1002.00	BFA
Asian Studies	0301.00	BA
Biology	0401.00	BS
	1204.00	BS/DDs
	0401.00	BS/MS
	1209.00	BS/OD
		BS/DPM
Chemistry	1905.00	BS
	1905.00	BS/MS
Creative		
Photography	1101.00	BFA
East Asian Studies	0302.00	BA/MA
Economics	2204.00	BA
	1401.00	BA/JD
English	1501.00	BA
	1501.00	BA/MA
	1401.00	BA/JD

Environmental		
Studies (Ecology)	0420.00	BS
Environmental		
Studies (Soc. Sci.)	2299.00	BA
	1401.00	BA/JD
French	1102.00	BA
	1401.00	BA/JD
Government and		
Politics	2207.00	BA
	1401.00	BA/JD
	2207.00	BA/MA
Graphic Design	1009.00	BFA
History	2205.00	BA
	2205.00	BA/MA
	1401.00	BA/JD
Illustration	1009.00	BFA
Italian	1104.00	BA
	1401.00	BA/JD
Mathematical		
Physics	1902.00	BS
Mathematics	1701.00	BS
Mathematics	1701.00	BA
	1701.00	BA/MA
	1401.00	BA/JD
Philosophy	1509.00	BA
	1401.00	BA/JD
Physical Science	1901.00	BS
Physics	1902.00	BS
Psychology	2001.00	BA
	1401.00	BA/JD
	2002.00	BA/MA
Public Administration		
& Public Service	2102.00	BA
	1401.00	BA/JD
Sociology	2208.00	BA
	1401.00	BA/JD
	2208.00	BA/MA
	2209.00	BA/MA
Spanish	1105.00	BA
	1105.00	BA/MA
	1401.00	BA/JD
Speech (Public Address,		
General Speech)	1506.00	BA
	1401.00	BA/JD
Speech Pathology		
and Audiology	1220.00	BA
	1401.00	BA/JD
Theology		
(Religious Studies)	1510.00	BA
	1510.00	BA/MA
	1401.00	BA/JD
Speech-Language		
Pathology &		
Audiology	1220.00	BA/MA

### Staten Island campus

Major Name	HEGIS Code	Credentials
Adol Ed English	1501.01	BA
Adol Ed Math	1701.01	BA
Adol Ed Soc Studies	2201.01	BA
Computer Science	0701.00	BS
	1401.00	BS/JD
Economics	2204.00	BA

English	1501.00	BA
	1401.00	BA/JD
	1501.00	BA/MA
Government and	2207.00	BA
Politics	1401.00	BA/JD
	2207.00	BA/MA
History	2205.00	BA
	2205.00	BA/MA
	1401.00	BA/JD
Liberal Arts	5649.00	AA
Mathematics	1701.00	BA
	1701.00	BA/MA
	1401.00	BA/JD
Mathematics	1701.00	BS
	1401.00	BS/JD
Philosophy	1509.00	BA
	1401.00	BA/JD
Psychology	2001.00	BA
	1401.00	BA/JD
	2002.00	BA/MA
Social Studies	2208.00	BA
	1401.00	BA/JD
Sociology	2208.00	BA
	1401.00	BA/JD
	2208.00	BA/MA
Speech	1506.00	BA
	1401.00	BA/JD
Speech Pathology		
and Audiology	1220.00	BA
Theology	1510.00	BA
	1510.00	BA/MA
	1401.00	BA/JD

### College of Professional Studies Queens campus

Major Name	HEGIS Code	Credentials
Administrative		
Studies	0506.00	BS
Advertising		
Communication	0604.00	BS
Business		
Administration	5004.00	AS
Business		
Administration	5004.00	CERT
Communication	0601.00	BS
Arts	2207.00	BS/MA
	2208.00	BS/MA
	1401.00	BS/JD
Computer Science	0701.00	BS
	1401.00	BS/JD
Computer Science	5101.00	CERT
Computer Security		
Systems	0799.00	CERT
Computer Security		
Systems	0799.00	BS
Computer Security		
Systems	0799.00	AS
Criminal Justice	2105.00	BS
	2207.00	BS/MA
	2208.00	BS/MA
	1401.00	BS/JD
Criminal Justice	5505.00	CERT
Criminal Justice	5505.00	AS

Funeral Service		
Administration	1299.00	BS
Health Services	1202.00	BS
Administration	2207.00	BS/MA
	1401.00	BS/JD
	2208.00	BS/MA
Health Services	5299.00	CERT
Administration		
Hospitality		
Management	0508.00	BS
Human Services	2101.00	BS
	2208.00	BS/MA
Information		
Technology	0702.00	BS
Information		
Technology	5199.00	AS
Journalism	0602.00	BS
	1401.00	BS/JD
	2208.00	BS/MA
	2207.00	BS/MA
Legal Studies	0599.00	BS
	1401.00	BS/JD
	2208.00	BS/MA
	2207.00	BS/MA
Legal Studies	5099.00	AS
Legal Studies	5099.00	CERT
Liberal Arts	5649.00	AA
Liberal Studies	4901.00	BA
Networking and		
Telecommuni-		
cations	5199.00	AS
Networking and		
Telecommuni-		
cations	0799.00	BS
Public Relations	0604.00	BS
Sport Management	0599.00	BS
	1401.00	BS/JD
Sport Management	5299.30	CERT
Television & Film	5008.00	AS
Television & Film		
Production	0605.00	BS
Social Science	2201.00	BA
	1401.00	BA/JD

### Staten Island campus

Major Name	HEGIS Code	Credentials
Administrative		
Studies	0506.00	BS
Advertising		
Communication	0604.00	BS
Business		
Administration	5004.00	AS
Communication		
Arts	0601.00	BS
	2207.00	BS/MA
	2208.00	BS/MA
	1401.00	BS/JD
Criminal Justice	5505.00	AS
Criminal Justice	2105.00	BS
	2207.00	BS/MA
	2208.00	BS/MA
	1401.00	BS/JD
Funeral Service		
Administration	1299.00	BS

Health Services		
Administration	1202.00	BS
Hospitality		
Management	0508.00	BS
Journalism	0602.00	BS
Legal Studies	0599.00	BS
	2207.00	BS/MA
	1401.00	BS/JD
Legal Studies	5099.00	AS
Liberal Studies	4901.00	BA
Public Relations	0604.00	BS
Sport Management	0599.00	BS
	1401.00	BS/JD
Television & Film	5008.00	AS
Television & Film		
Production	0605.00	BS
Security	2105.00	BS
Administration	1401.00	BS/JD

### The School of Education Queens campus

Major Name	HEGIS Code	Credentials
Adolescence		
Education:		
Social Studies	2201.01	BS
Adolescence		
Education:		
Biology	0401.00	BS
Childhood Education		
and		
Special Ed (1-6)	0808.00	BS
Childhood		
Education (1-6)	0802.00	BS
Adolescence Educ/		
English	1501.01	BS
Adolescence Educ/		
Mathematics	1701.01	BS
Adolescence Educ/		
Physics	1902.01	BS
Adolescence Educ/		
Spanish	1105.01	BS
Adolescence Ed/		
English (Non-Cert)	1501.01	BS
Adolescence Ed/		
Math (Non-Cert)	1701.01	BS
Adolescence Ed/		
Physics (Non-Cert)	1902.01	BS
Adolescence Ed/		
Social Studies	2201.01	BS
(Non-Cert)		
Adolescence Ed/		
Spanish (Non-Cert)	1105.01	BS
Childhood Ed and		
Special Ed		
(Non-Cert)	0808.00	BS
Childhood Education		
(Non-Cert)	0802.00	BS
Childhood 1-6	0802.00	BS
	0808.00	MS

### Staten Island campus

Major Name	HEGIS Code	Credentials
Adolescence		
Education:		
English	1501.01	BS
Adolescence		
Education:		
Mathematics	1701.01	BS
Adolescence		
Education:		
Social Studies	2201.01	BS
Childhood		
Education		
& Special Ed (1-6)	0808.00	BS
Childhood		
Education 1-6	0802.00	BS
Gifted Education	0811.00	CERT
Childhood		
Education		
(Non-Cert)	0802.00	BS
Childhood/ Special		
Education		
(Non-Cert)	0808.00	BS
Adolescence Ed/		
English		
(Non-Cert)	1501.01	BS
Adolescence Ed/		
Math (Non-Cert)	1701.01	BS
Adolescence Ed/		
Soc Studies		
(Non-Cert)	2201.01	BS

### The Peter J. Tobin College of Business Queens campus

Major Name	HEGIS Code	Credentials
Accounting	0502.00	BS
	0502.00	MS
Accountancy	0502.00	BS
	0502.00	MBA
Accountancy	0502.00	BS
	0502.00	MS
Accountancy and		
Management Info		
Systems	0502.00	BS
Accountancy and		
Finance	0502.00	BS
Accounting	0502.00	BS
Economics	2204.00	BS
Finance	0504.00	BS
Management	0506.00	BS
Management		
Information		
Systems	0702.00	BS
Marketing	0509.00	BS

### Staten Island campus

Major Name	HEGIS Code	Credentials
Accountancy	0502.00	BS
	0502.00	MS
Accountancy	0502.00	BS
	0502.00	MBA

Accountancy and Finance	0502.00	BS
Accountancy and Management Information Systems	0502.00	BS
Accounting	0502.00	BS
Accounting	0502.00	BS
	0502.00	MS
Finance	0504.00	BS
Management	0506.00	BS
Marketing	0509.00	BS

## Manhattan campus

Major Name	HEGIS Code	Credentials
Actuarial Science	1799.00	BS
Risk Management and Insurance	0512.00	BS

## College of Pharmacy and Allied Health Professions (Queens campus)

Major Name	HEGIS Code	Credentials
Medical Technology Pathologist's Assistant	1223.00	BS MEDT
Pharmacy	1299.00	BS
Toxicology	1211.00	PHARMD
	0426.00	BS
	0426.00	BS/MS
Physician Assistant	1299.10	BS
Radiologic Sciences	1225.00	BS

## Office of the Registrar

The Office of the Registrar provides service and support to students and alumni, to faculty and their departments, to the University as a whole, and to its constituent colleges. The services it provides include registration, the maintenance of student records, grade processing, transcripts, and classroom assignments.

The Office of the Registrar supports the University Freshmen Center in programming new freshmen into their first semester of study. The office also informs continuing students of the start of registration and the availability of course offerings on the web. Other offices inform transfer students. Continuing students register in October/November for the spring semester and winter term, and in March/April for the fall semester and summer terms.

Students must see an advisor before registering. Students should bring an advisement report with them. Advisement reports are available via the web. Advisers give students their Priority Registration Number which is needed for registration.

Bills are mailed after the November and April registration periods with payment due in December and July. Representatives of the Office of Student Financial Services are available year round to assist students with satisfying their financial obligation to the

University. Registration is not complete until payment is made, and the University reserves the right to drop a student from an individual class or from his or her entire program if payment is not made by the due date.

Students may change their programs with the approval of their Dean. While registration is in progress, students make changes via the web. Students are not permitted to enroll in a class after the late registration period is over.

Students who wish to withdraw from a class must obtain the approval of their Dean. Students who stop attending a class and who fail to withdraw officially remain academically liable for the class. The professor will submit whatever grade is deemed appropriate based on the student's attendance and participation.

The Office of the Registrar mails grade reports for the fall and spring semesters on a rolling basis. Summer grade reports are mailed once at the end of all summer sessions. Freshmen are mailed a mid-term grade report within days of the mid-term point of the semester. All students may view mid-term and final grades on the web.

In addition to allowing students to register and to view grades online, St. John's makes a wealth of information available to students via its World Wide Web site and via the University Information System (UIS), accessible through the University's web portal. An increasing number of forms related to such processes as adding and dropping classes, requesting permission to study outside the University, and transferring from one school of the University to another is also available through UIS. Students are encouraged to consult the University web site and the Office of the Registrar site on a regular basis. For the University site, go to: <http://www.stjohns.edu/>. For the Office of the Registrar site, go to: <http://www.stjohns.edu/services/registrar>.

## Registration and Liability

With the exception of first-semester freshmen and certain students in "block" programs of study, students at St. John's select their own classes via the St. John's University Information System (UIS).

This process of selecting classes is commonly called "registration," but it is only part of the total registration process. Registering for a class as approved by your Advisor does more than just reserve a seat for you in that class. It also generates a financial liability for that class and takes away a seat from another student. Because of this, St. John's considers your registration as a clear indication of your intention to attend that class.

## Complete Your Registration

There are two ways to complete your registration. The standard way is to pay your bill by its due date. When you do this, St. John's mails you an official Class Schedule Receipt, including the rooms where your classes meet, which contains the word

**REGISTERED** in the lower left corner.

But some students receive bills that show a refund due or no payment due. This happens as a result of financial aid for which they have applied; scholarships they have accepted; or some other action they have taken. Since you must take some action to result in a bill with a refund or no payment due, the combination of this action and registration is the equivalent of making a payment when you have a balance due.

Together, these two actions are the second way to complete your registration. If you register for classes and receive a bill indicating either no payment due or a refund due, we automatically complete your registration for you.

## Liability

Whether you complete your registration or we complete it for you, you are fully liable for your registration both academically and financially. This means you must notify us officially if you will not attend St. John's after your registration is complete, regardless of the reasons.

## Officially Notifying the University of a Withdrawal from Class

When you register for a class, the University considers it a clear indication of your intention to attend that class. If you change your mind about attending class or if circumstances prevent you from attending, you must notify us officially of your change in status. There are two ways to officially notify St. John's that you will not attend a class for which you have registered.

The first way is to drop the class. You can drop a class the same way that you registered for it—via St. John's University Information System (UIS). Web registration is available through the last day of the first week of the semester. After this date, we shut off the system.

*Note: You may drop classes via the Web as long as you are not dropping all your classes. The system will not allow you to drop your last class or the only class you have. If you want to drop all your classes, you must inform your Dean in writing.*

During the second and third weeks of the semester, you may still drop a class, but you need to get permission from your Dean's Office. Classes dropped through the first three weeks of the semester do not appear on your transcript.

## Withdrawing from Class

After the last day of the semester's third week, you can no longer drop a class. Any class for which you are still registered on the first day of the semester's fourth week will remain on your transcript. From this point on, you may withdraw from a class. To withdraw from one or more of your classes, contact your Dean's Office. If possible, you should visit the office

in person so someone can discuss this decision with you. If you cannot visit the Dean's Office, you must put your request in writing.

Requests made through the deadline indicated in the academic calendar will be honored. You will receive a mark of WD in these courses. This mark does not calculate into your GPA.

There is no guarantee that a request for withdrawal after the date indicated in the academic calendar will be approved. If a request after the deadline is not approved, you will receive a grade in the course.

Dropping or withdrawing from a class are academic actions initiated by students. If you do not drop a class during the first three weeks of the semester, it will remain on your transcript whether or not you attended the class, even if you are subsequently allowed to withdraw. You may be entitled to a full or partial refund of tuition paid for a class. Refunds are based on the official date that you drop or withdraw, whether via the Web or through your Dean's Office. Your Dean may not indicate as the date of drop or withdrawal any date prior to your official written request. See also page 7 "Withdrawals from courses and tuition refunds."

## Student Advisement Reports

St. John's makes advisement reports available to all undergraduate students via the University Information System (UIS). Advisement reports match courses that students have taken against requirements for degree programs. While unofficial in nature, these reports are invaluable complements to the advisement process. All students should bring an advisement report with them when they see their advisors prior to registration. For additional information, consult the Registrar's web site at this URL: [www.stjohns.edu/services/registrar/advisement](http://www.stjohns.edu/services/registrar/advisement).

## Veterans and Their Dependents

Veterans and their dependents should contact the Department of Veterans Affairs regional office in Buffalo, New York, for information about educational benefits. The telephone number is 1 (888) 442-4551. The Department of Veterans Affairs also maintains a very useful Web site at the following URL: [www.va.gov/](http://www.va.gov/). The Office of the Registrar certifies the enrollment of veterans and their dependents for educational benefits.

## Time Limit for Undergraduate Courses

The validity of undergraduate credits for degree requirements has no time limit, but the University retains the authority to determine which courses previously taken meet current degree requirements.

## Examinations and Reports

Students not present for a scheduled final examination must submit a written explanation together with substantiating evidence. The

Academic Dean of the school or college in which the student is enrolled will determine if the student will be permitted to take a make-up examination. If permission is granted, the fee is \$40. The \$40 covers all exams missed for the substantiated reason.

The grade of ABF will be assigned if the student fails to sit for the make-up examination or fails to appear at the scheduled time.

Written tests, term papers and other assignments are given during the term at the discretion of the individual instructor. Credit will not be given for a semester's work unless all assignments have been satisfactorily completed. All work for a course must be submitted no later than the date of the last meeting of that course.

## Auditing Courses

A student who audits a course is one who is qualified to register for a credit course for which no credit will be granted. *Students may not audit a course which they subsequently would be required to complete for their degree.* Auditors are expected to attend class but are not responsible for examinations or written assignments. A grade of AU for the course will be noted on the permanent record.

Permission to audit a course must be obtained on a Pass/Fail-Audit Option Request Form from the student's Dean. This written permission must be presented to the Office of the Registrar. Audit and credit courses may not exceed 18 semester hours per term. Full tuition and fees are charged for audited courses. *A student may not change from audit to credit status or vice versa once the semester begins.*

## Grading System

A letter system is used in assigning grades for courses, and these quality points are given for each grade:

Grade	Quality Points
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
F	0
ABF Absent/Failure	0
WD Withdraw	0
AU Audit	0
P Passing	0
X Failure, No Penalty	0
UW Unofficial Withdrawal	0
ABX Absent/Pass-Fail Option	0

### Notes:

- On the undergraduate level, the grade P is assigned to students whose application for the "Pass-Fail" option is approved and who do passing work. Undergraduates approved for the "Pass-Fail" option who do failing work are assigned the mark

X. Undergraduates approved for the "Pass-Fail" option who miss their final examinations are assigned the mark of ABX.

- Undergraduates not exercising the "Pass-Fail" option who miss their final examinations are assigned the mark of ABF.
- The mark of WD (withdrawal) is assigned upon the completion of the official withdrawal process, a process that can only be initiated by a student.
- The mark of UW (unofficial withdrawal) may be assigned, at the instructor's discretion, in cases in which there is insufficient basis for an earned grade. Students may not request this mark.
- The mark of AU is assigned to both undergraduate and graduate students whose application for this option is approved. Students approved to audit a class receive no credit for it. Courses taken on an audit basis may not later be repeated for credit.

## Computing the Grade-Point Average (GPA)

**Credits Earned** are credit hours awarded to the student for successful completion of academic course work.

**Credits Attempted** are the number of credit hours actually attempted by a student, except for audited courses and those from which one has been officially dropped.

**Quality Points** are computed grade by multiplying the quality points of the grade in each class by the credit hours of the course. Example: a B in a three-credit undergraduate course would generate 9.0 quality points.

For each semester's work, a semester's grade-point average is computed as follows:  
 $B = 3.000 \times 3 \text{ (credits)} = 9.0 \text{ quality points}$   
 $A = 4.000 \times 4 \text{ (credits)} = 16.0 \text{ quality points}$   
 $A = 4.000 \times 7 \text{ (credits)} = 28.0 \text{ quality points}$

The total number of quality points earned is divided by the total number of credits attempted. For example,

$$\frac{53 \text{ Quality Points}}{14 \text{ Credits Attempted}} = 3.785 \text{ GPA}$$

Please note that graduate schools, law schools, medical schools, and others typically recalculate the GPAs of applicants according to their own criteria.

Advanced Placement credit and/or transfer credit will not be computed in the cumulative grade-point average. Example: If a student presents 120 credits for graduation, eight credits of which are for Advanced Placement or transfer credit, the cumulative grade-point average is computed on 112 credits. However, grades of all courses taken by students, including internal and external transfer students, will be calculated in the index for honors at graduation. In no case shall the honor conferred be higher than that which would have been earned solely on the computation of the St. John's grades.

## Academic Standing

Students are in good academic standing when they are enrolled as matriculated students in a program of study leading to a degree, diploma, or certificate and are making satisfactory progress toward the completion of the program of study.

*Nonprobationary:* maintaining at least a 2.0 cumulative quality point index.

*Probationary:* Cumulative quality point index is below 2.0, but in the judgment of the Dean the student is considered to be making acceptable progress toward a 2.0 cumulative quality point index and is permitted to continue on a matriculated basis.

#### Academic Progress or Promotion:

Credits Completed	Class
1–24	Freshman 1 Year
25–55	Sophomore 2 Year
56–90	Junior 3 Year
91+	Senior 4 Year
	Pharmacy 5 Year and
	Pharmacy 6 Year

Recommendations of the Committee on Academic Standing for promotion, promotion on probation or dismissal for poor scholarship are based on the student's cumulative quality point index.

Conditions of promotion in the College of Pharmacy and Allied Health Professions are found in that College's section of this Bulletin.

### Graduation Requirements

For graduation, students must complete the following semester hour minimums:

St. John's College of Liberal Arts and Sciences		Hours
Bachelor of Arts		126
Bachelor of Science		126
Bachelor of Fine Arts		132
The School of Education		
Bachelor of Science in Education		129–160
The Peter J. Tobin College of Business		
Bachelor of Science		121–130
College of Pharmacy and Allied Health Professions		
Pharmacy Program		201
Physician Assistant Program		130
Medical Technology Program		138
Radiologic Sciences		128
Toxicology Program		127
College of Professional Studies		
Bachelor of Arts		126
Bachelor of Science		126–127
Associate in Arts		60
Associate in Science		60–61

A cumulative quality point index of 2.0 for all those courses taken, and a cumulative quality point index of 2.0 for all courses in the major and minor areas are required unless otherwise indicated by school.

The University conducts one commencement annually. Only students who complete all degree requirements by the end of the spring semester will be eligible to participate in the May commencement exercises. Candidates who satisfy degree requirements during the summer sessions will have their degrees awarded on the last

business day in September and will be invited to participate in the May commencement exercises of the following year. Students who complete requirements during the fall semester will be eligible to participate in the May exercises and will have their degrees awarded on the last business day in January.

For graduation with honors, a student must have fulfilled the obligation of conducting himself or herself in a manner compatible with the University's function as a Catholic institution of higher education and must have obtained the following point indexes for all courses taken by the student:  
*Summa Cum Laude* 3.85  
*Magna Cum Laude* 3.70  
*Cum Laude* 3.50

Students who transfer to St. John's University must complete at St. John's a minimum of 50% percent of the total number of credits required for their degree in order to be considered for honors at graduation.

Grades of all courses taken by students, including internal and external transfer students, will be calculated in the index for honors for graduation. Students enrolled in the Bachelor's/J.D. program will be considered for honors for September degree conferral, because their law school grades are unavailable in time for May commencement. Grades for senior-year courses (first-year law school) will be included in the calculation for honors for the September conferral of degrees. In no case shall the honor conferred be higher than that which would have been earned solely on the computation of the St. John's grades.

### Residence

Residence is necessary to assure adequate time for the faculty, on whom the responsibility to recommend candidates for degrees rests, to make a judgment concerning the student's successful completion of degree requirements. This should not be seen merely in terms of degree credits or course requirements. It is a question of judging in view of graduation the breadth and maturity of the student's development, particularly in its intellectual dimension. Such a judgment is readily made after the student has completed the advanced courses that typically form the academic program of the senior year.

The residence requirement for an undergraduate program at St. John's University shall be the successful completion of the academic program (approximately 30 credits) of the student's final two semesters in attendance. The student's program shall include sufficient evidence of competency in the area of concentration.

### Application for Diplomas

The University confers degrees three times a year: January, May and September. It holds commencement exercises in May. Students awarded degrees in September and January are invited to attend the May ceremony.

To ensure that we have all the information that we need to order your diploma correctly, we ask you to file a diploma card with the Office of the Registrar at least three months in advance of the month in which you expect to receive your degree. If your Dean does not provide you with a diploma card by this deadline, you may pick one up in the Registrar's Office at your campus.

### Regulations on Discipline

Specific regulations for which students are responsible, as well as procedures for processing violations of these regulations, are outlined in the Student Handbook. In all disciplinary situations, the right of students to due process is observed.

## Global Studies Programs

### Discover The World: Europe

This unique semester program takes place in three beautiful European cities. Students have the opportunity to take 12–18 credits in 3 5-week modules in Paris, France, Rome, Italy, and either Salamanca, Spain or Dublin, Ireland. Courses range from language and culture classes to philosophy, theology, government and history. Discover the World: Europe offers students a once-in-a-lifetime chance to explore Europe while working toward their degrees.

### Semester/Year in Rome

Spend a full semester or even a year at St. John's University's campus in Rome, Italy—a premier academic institution in the heart of the Eternal City. While there, you'll conduct an in-depth exploration of Italian history, language and culture, using the distinctive academic resources of this remarkable city.

### Semester/Year in Paris

Co-sponsored by the Department of Languages and Literatures & the Department of Government and Politics, the France Semester Program offers a unique combination of courses that is sure to set you apart in your educational career. Paris, one of the great European political capitals, is the ideal place for you to begin (or continue) your study of government, political science, and the French language. In Paris, you will gain valuable knowledge of the current state of modern politics as well as expand your awareness of the international arena.



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## Argentina

### Summer Program in Buenos Aires and Corrientes

Dr. Alina Camacho-Gingerich, *Faculty Coordinator*

This month-long summer program, in which students may take up to six credits in the fields of Spanish language, politics, economics, history or literature, introduces students to the majesty of Argentina's natural environment and the charms of its capital city. Students also get a broader picture of the history and politics of Latin America.

## Bermuda

The Environmental Studies Department at St. John's University in conjunction with Bermuda Aquarium, Museum and Zoo (BAMZ) offer you a once in a lifetime opportunity to discover the natural beauty of Bermuda. During this interdisciplinary course, you will explore topics such as biodiversity, geography, culture, ecosystem management, sustainability and socioeconomic issues through a series of lectures and guided field trips.

## Brazil

### Semester and Summer Programs in Rio de Janeiro, Belo Horizonte, Brasília and São Paulo

Dr. Jefferson Fish, *Faculty Coordinator*

The semester program is offered in Rio de Janeiro, São Paulo, Belo Horizonte and Brasília. The summer program takes place in Rio. Students enrolled for a semester generally take 15 credits and can choose from a full range of courses taught in Portuguese, the national language. Students in the summer program focus on learning Portuguese and understanding Brazilian culture.

## China

### China Summer program in Beijing and Shanghai

Dr. Bernadette Li, *Faculty Coordinator*

This program offers an exciting educational experience in China in cooperation with Peking and Fudan University. The three-credit course, Chinese Culture and Society, takes an interdisciplinary approach, with a curriculum including undergraduate and graduate-level lectures. This course offers students the opportunity to learn the essential features of Chinese culture and society, with an emphasis put on China's modern transformation. Lectures are given by high-caliber scholars and specialists in their respective fields.

## Dubai

This summer program gives students a once in a lifetime opportunity to study in Dubai, one of the fastest growing cities in the world! Students will improve their Arabic language skills while exploring their surroundings during weekend excursions and daily coursework.

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## France

### Semester and Summer Program in Paris

Dr. Zoe Petropolou, *Faculty Coordinator*

The semester program in Paris is offered through Dauphine University. Students enrolled for a semester generally take 15 credits. Students can choose from a full range of business and other classes taught in both French and English. Classes in French language are also offered.

St. John's Semester and Summer Program in Paris immerses students in the French environment by putting them in daily contact with French culture, art, theater, food and people. The Summer Program in Paris combines the linguistic and cultural benefits of studying abroad with the guidance and academic support of well-trained faculty. Students may take up to six credits during their month-long stay.

## Ireland

### Semester and Year Programs in Dublin, Maynooth and Galway

Dr. William Griffin, *Faculty Coordinator*

Students can experience the best of Ireland by studying abroad for a full academic year at Saint Patrick's College in Maynooth, Trinity College, Dublin; University College, Dublin; or a semester or entire academic year at University College, Galway.

Saint Patrick's College offers Celtic studies, classical languages, computer sciences, Irish language/Gaelic, Irish studies, foreign languages, liberal arts, philosophy, religion/theology and the sciences.

Trinity College offers art history, business, classical civilizations, computer science, drama and theatre studies, economics, education, English, foreign languages, history, Irish language/Gaelic, mathematics, philosophy, political science, psychology, sociology, theology and the sciences.

University College, Dublin offers Celtic archaeology, economics, English, foreign languages, geography, Greek, Greek and Roman civilization, history, history of art, early Irish, Irish, Latin, linguistics, mathematics, mathematical physics, music, philosophy, politics, sociology and statistics.

University College, Galway offers archaeology, classical civilization, economics, English, foreign languages, geography, Greek, history, Irish, Latin, mathematics, mathematical physics, philosophy, psychology, sociology, politics, accounting, management, marketing and finance.

## India

This winter session program explores the diverse culture, historic landmarks, and how media has transformed one of the most unimaginably complex and fastest growing

countries in the world. Students have the opportunity of a lifetime to study Mass Communications in India while examining its impact on social and economic development. Coursework will take place at various prestigious Indian universities.

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## Italy

### Semester and Summer Programs in Rome

Dr. Annalisa Sacca, *Faculty Coordinator*

Students can take up to six credits in the summer and 15 in the semester program, in areas such as Italian, international relations, art and architecture, Italian history and international marketing, among many others. In addition, summer students can travel as a group to other Italian cities, including Florence, Venice, Assisi, Pompeii and Paestum. Students in the semester program are required to take one course in Italian and to take part in a week-long trip to the European institutions in Brussels, Luxembourg and Strasbourg.

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## Japan

### Semester or Year Program in Tokyo

Dr. William Nester, *Faculty Coordinator*

St. John's students have the option of studying at Sophia University, Japan's first Catholic University, for a full year (September to July) or for the spring semester only (February to July). Students may choose to study in the Department of Comparative Culture with academic programs in business and economics, political science, anthropology and sociology, history, art history, literature, philosophy, and religious studies. The courses are taught in English. Students may also choose to study in the Department of Japanese Languages and Studies. Students generally take 15 credits per semester.

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## Korea

This summer program gives students the opportunity to study Korean in Seoul, one of the fastest paced cities in Asia. Students typically take 3 credits over the course of 3 weeks.

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## Spain

### Summer Program in Cádiz and Madrid

Dr. Nicholas J. Toscano, *Faculty Coordinator*

This summer program begins in Madrid, the nation's capital and economic center. Students also visit nearby Toledo and then the program proceeds to Cádiz, a historic city founded by the Phoenicians and famous for its beaches and seaport. Students in the summer program take one three-credit course in either language or literature.



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## The Galapagos Islands

### Intersession

Dr. Christopher Bazinet, *Faculty Coordinator*

This program offers the unique and exciting opportunity to follow in the footsteps of Charles Darwin as you explore the beautiful world of the islands, a thousand miles west of the Ecuadorian coast. The three-credit course Tropical Biology and Evolution is an introduction to the general principles and concepts of tropical ecology, biodiversity and evolution through direct experience of the ecosystems.

### Vietnam

#### Summer Program in Hanoi, Da Nang and Ho Chi Minh City

Dr. Hung Le, *Faculty Coordinator*

This summer program in Vietnam introduces students to a fascinating civilization with over 4,000 years of history. This course "The Vietnam War," takes place in Hanoi, Da Nang, Hue and Ho Chi Minh City. It is presented through a dynamic combination of field research, readings and discussions by the students, along with lectures by the professors and distinguished Vietnamese and American experts. Students also engage in a service-learning project that will allow them to apply their course content in a real-life setting in Vietnam.

### Exchange Programs

In addition to the program in Japan, St. John's University has exchange agreements with universities in Australia (Australian Catholic University), Brazil (USP, PUC-RIO, PUC-Minas), Chile (PUC-Chile), France (Dauphine University), Ireland (All Hallows), Jamaica, Barbados and Trinidad and Tobago (University of the West Indies), Japan (Sophia University) and Sweden (Uppsala University). For these institutions, semester- and year-long programs are available. Tuition and fees are paid to St. John's University, and all other costs are paid directly to the host institution. Inquire for more details.

### General Entrance Requirements

Currently enrolled and matriculated undergraduate St. John's University students, as well as undergraduate students from accredited colleges and universities throughout the United States, may apply to St. John's Global Studies Programs.

Applicants are expected to:

1. Have completed at least one year of full-time undergraduate study
2. Have a minimum 2.75 cumulative index for college studies completed
3. Provide as references the names of two members of the faculty with whom they have studied within the past year

4. Demonstrate, by way of an interview, personal maturity sufficient to ensure that a program of study abroad may be successfully undertaken

In addition, students from other institutions are generally expected to:

1. Submit a completed Study Abroad Program application form
2. Provide an official copy of their transcript from their home institutions
3. Submit two letters of recommendation, at least one of which should be from a Professor, Advisor or Dean
4. Provide written approval from the Dean of their home institution

It is the responsibility of students to make certain that the courses in which they enroll are applicable for credit at their home institution. Decisions on admissions are made in accordance with St. John's University's policy, which provides for the complete processing of applications as soon as all required data are received. At that time, a decision is made and the prospective student is notified.

Students are urged to apply early in the semester prior to the one in which they seek to enroll. Generally, applications for the fall semester should be submitted no later than April 15; applications for the spring semester should be submitted no later than October 15. Applications for summer programs starting in June are due March 1, and applications for summer programs starting in July or August are due April 1. Qualified individuals applying after these dates may be admitted if spaces are available.

### Passport/Visa

Students will need a valid passport to study abroad. If you already have a passport, make sure it will be valid for the entire time you are abroad. This should include at least 180 days beyond the end of the program. If your passport has already expired or will expire soon, you should apply for a new one immediately.

You can apply in person at any passport agency and designated post offices, or by mail using Form DSP-11, available from any passport office. Leave yourself at least two months' time, especially because some countries will also require that you apply for a student or visitor's visa.

Citizens of other countries residing in the United States should contact the nearest consulate of their country for passport and visa information. Embassies in Washington can provide information about consulates. Please be sure to check your status well in advance of traveling.

### Insurance and Health Care

You must be covered by comprehensive health and accident insurance while you take part in our program, and your policy must cover claims outside the United States. It may be possible to add a rider for overseas protection on some policies. If you are not insured, you must enroll in an insurance plan designed especially for Americans traveling overseas.

### Transfer of Credits

St. John's students receive St. John's credits; visiting students will receive St. John's transfer credits to their home institution.

### Deposit

In order to secure a place in the program, all students accepted for admission are required to forward a \$250 non-refundable deposit by a deadline date, which will be set forth in their letter of acceptance.

### Refund Policy

Tuition is refunded in full prior to departure. After departure, refund of tuition follows a schedule set forth by the Study Abroad Program, included with the acceptance letter. All other uncommitted and unexpended fees are refunded up to two weeks prior to departure. As stated above, the deposit is non-refundable.

For an application, questions or further information, please contact:

St. John's University  
Office of Study Abroad Program  
Lourdes Hall  
8000 Utopia Pkwy  
Queens, NY 11439  
Tel. (718) 990-6105  
Fax (718) 990-2321  
intled@stjohns.edu

## Biomedical Engineering B.S./M.S. Sequence

The Biomedical BS-MS curriculum is a five-year sequence offered jointly by St. John's University and Polytechnic University. The first three years of scientific fundamentals are completed at St. John's College on the Queens campus only. Candidates who attain a 3.0 average or better then transfer to the graduate Biomedical Engineering Program at Polytechnic University to complete two years of graduate study. Upon successfully completing the program, the student receives a B.S. degree from St. John's University and an M.S. degree from Polytechnic University. For additional program information, consult the Physics section of this bulletin.

## Honors Program

The University Honors Program has the advantages of small classes, innovative teaching, and individualized faculty support for its students. Though based in the Core Curriculum, it also offers a substantial number of courses outside the Core and across the schools and colleges of the University. This allows each student to tailor a program suitable to the individual major. It is also possible for Honors Program members to do independent supervised research under the guidance of a member of the faculty.

Honors Program students are among the most involved in campus leadership activities. Each semester, its members have the opportunity of attending many events, programs, concerts, and activities. These range from on-campus lectures to performances at the Metropolitan Opera and Broadway, museum visits, parties, receptions, lunches, and the spring student-faculty softball game. The program actively encourages community service, and many faculty members teaching honors courses include Academic Service Learning as one component of the syllabus.

At the end of the academic year, at a special ceremony, the Honors Program awards the Honors Certificate to each student who has completed thirty credits in the program. A special "Honors Program" notation, separate from University honors, appears on the final transcript.

For additional information, contact Dr. Robert Forman or Mr. Robert Pennacchio on the Queens Campus at (718) 990-7554, or Dr. John Brennan on the Staten Island campus at (718) 390-4540.

A selection of Honors Program offerings appears below.\*

## Honors (HON) Course Offerings

### Interdisciplinary

Discover New York  
Colloquium  
Readings and Research

### English

English Composition  
Literature in a Global Context  
The Study of American Literature  
The Study of British Literature

### Fine Arts

Creativity and the Arts  
Contemporary Art and Culture

### Government and Politics

American National Government

### History

Emergence of Global Society

### Mathematics

Contemporary Math Ideas

### Languages

Intensive Italian I/II  
Intensive French I/II  
Intensive French III/IV  
Language and Culture  
Elementary Latin I/II

### Philosophy

Philosophy of the Human Person  
Ethics  
Metaphysics  
Introduction to Logic

### Psychology

Introductory Psychology  
Child Psychology  
Theories of Personality

### Sciences

Scientific Inquiry  
Fundamentals of Biology I/Lab  
Fundamentals of Biology II/Lab  
Introduction to Physical Chemistry  
Descriptive Inorganic Chemistry/Lab

### Sociology

Introduction to Sociology  
Neighborhoods  
Sociology of the Family

### Speech

Public Speaking  
Interpersonal Communication for the Pharmacist

### Theology

Perspectives on Christianity  
Introduction to the Bible  
Christian Marriage  
Religions of the World  
History of the Church  
Moral Theology of Healthcare

## Division of Special and Opportunity Programs

The Division of Special and Opportunity Programs was created to provide students with a variety of programs and services designed to enhance their academic and personal development. Offered on both the Queens and Staten Island campuses, the division serves middle school, high school, and St. John's students.

### Early Admission Program

(Queens and Staten Island campuses)

The Early Admission to College Program is a collegiate program designed to provide an opportunity for qualified students to complete their freshman year of college at St. John's University upon the successful completion of the high school curriculum through the 11th grade level. These students enter as fully matriculated freshmen; they earn credits toward a college degree and also help satisfy high school diploma requirements.

At the conclusion of the freshman year, results of the student's performance are sent to the high school and become a part of the permanent record. Based upon the successful completion of a year of college study, the student is eligible to receive a high school diploma, without examination, from his or her own high school. Prior approval for the latter must be obtained from the high school principal or the local school board. If the student passes the required Regents Examinations, he or she may also receive a New York State Regents High School Diploma.

In addition to being monitored by a Special Programs Administrator, the students are assigned an advisor for the school in which the student is enrolled.

### College Advantage Program (Queens and Staten Island campuses)

The University's commitment to academic excellence is manifested through its College Advantage Program. This provides qualified students a concurrent enrollment in their high school and college credit-bearing courses from the University. This program is offered to qualified juniors and seniors during the academic year.

Specific courses are offered in the areas of English, mathematics, language, fine arts, science and business.

1. The program provides students with an opportunity to earn college credit while still in high school. This benefits high-achieving students to be further motivated and to get a "head start" on college.

2. It also provides reduced tuition costs to students and parents, and serves as an assessment of a student's ability to do college level work.

### Scholars Program

(Queens and Staten Island campuses)

The Scholars Program is designed for qualified high school students to pursue a limited program of collegiate studies. Students are permitted to take two courses during the summer semester at St. John's University and one course in the fall and spring semesters. They receive full college credit for each course. If admitted to the program, the student pays a nominal fee for each course taken during the semester.

\* Please note that not all honors courses are offered each semester and that additional courses may be added or substituted.

For admission to the Scholars Program, the student must meet the following general qualifications:

- Demonstrate potential for college work as determined by the student's high school transcript through junior year and recommendations by the principal and/or guidance counselor
- Motivation and maturity as proven by an on-campus interview
- Approval by the Admissions Committee

## **Collegiate Science and Technology Entry Program (CSTEP)**

**(Queens campus)**

The Collegiate Science and Technology Entry Program (CSTEP) provides undergraduate students and/or income eligible college students with the opportunity to explore scientific, technical and health-related professions. The CSTEP program also provides its participants with a strong academic foundation necessary to enter licensed professions. Prospective students are selected in their freshman or sophomore year.

## **GEAR UP**

**Gaining Early Awareness and Readiness for Undergraduate Programs**

**(Queens campus)**

The GEAR UP (Gaining Early Awareness and Readiness for Undergraduate Programs) Project, funded by the U.S. Department of Education and New York State Higher Education Services Corporation, is designed to encourage its participants to have high expectations, stay in school, study hard, and go to college. The project cohort is drawn from low-income, potential first-generation college students from middle schools located in the diverse communities of Jackson Heights and Long Island City. Services include during and after school tutoring, mentoring, academic and social counseling, educational and cultural field trips, and exposure to college activities. Our parent services are designed to inform parents about college and career planning, financial aid resources, and additional resources that can use to help their children achieve academic success. Staff development is offered to the partnership middle and high school teachers, counselors, and administrators. The sole purpose of the project is to increase high school graduation and college enrollment in high poverty areas.

## **Ronald E. McNair Scholars Program**

**(Queens campus)**

Named after Dr. Ronald E. McNair, an African-American engineer, scientist and astronaut who met an unfortunate death in the 1986 space Challenger accident, the McNair program prepares first-generation/income-eligible students and groups historically underrepresented in graduate study for post-baccalaureate education. Program participants may pursue any field of study leading to a doctorate degree. The ultimate goal of the program is to assist in diversifying college and university faculties. Prospective scholars are selected in the second semester of their sophomore year. A minimum GPA of 3.0 and completion of 60–66 credits are required for consideration.

## **Options Program**

**(Staten Island campus)**

Options is a program offered through the Division of Special and Opportunity Programs that provides academic and financial assistance to eligible freshmen who live out of state. The purpose of the program is to offer assistance to those who, because of educational and economic circumstances, would be unable to attend an institution of higher learning. Students in the Options Program receive tutoring, mentoring and other academic support as well as financial assistance. The Options Program is funded by the Sister Julia Heslin, Sister of Charity Scholarship Fund. Applicants accepted into the Options Program enter the University as matriculated students.

## **Science and Technology Entry Program (STEP)**

**(Queens campus)**

This program was established by the New York State legislature in 1985 to assist students from racial and ethnic backgrounds who have historically been underrepresented in careers in the scientific, technological, engineering, mathematical fields as well as and licensed professions. St. John's University has made a commitment, since the inception of the program, to service the youth of the community in grades 7–12. This partnership of providing quality educational instruction, career and academic counseling, tutoring and educational workshops is provided during the fall and spring semesters.

## **College Bound: Liberty Partnerships Program**

**(Queens and Staten Island campuses)**

The College Bound: Liberty Partnerships Program is coordinated by the New York State Education Department and St. John's University. The program is designed to provide supportive services to middle and senior high school students who are identified as having the potential to pursue a college education, but need assistance to complete secondary school. The purpose of the program is to provide a broad range of services designed to increase the academic skill development, motivation and morale of the College Bound student. These year-round services include: mentor/peer counseling, tutoring, developmental courses and social and enrichment activities and financial literacy.

## **Marine Corps Platoon Leaders Class**

Students who have completed the first semester of freshman year in good standing may enroll in the Platoon Leaders Class as members of the United States Marine Corps Reserve. They must attend two six-week training sessions. Candidates after graduation will be commissioned in the Marine Corps, and will serve on active duty for three years during which they will receive additional training. For further information, contact The Officer Selection Office, 207 West 24th Street (at 7th Avenue), New York, NY 10011, or call (212) 620-6778.

## **Policy Provisions Applicable to All Accelerated Degree Programs**

1. All combined/accelerated degree programs function within program descriptions approved by the Faculty and Graduate Councils and registered with the State Education Department; these descriptions set the terms of all academic and tuition issues, and the policies here articulated simply clarify what is consistent through all of them.
2. Matriculated undergraduate students must apply for and be accepted to any such program by the procedure articulated in the program description. They must meet the specific curricular prerequisites and academic standards for that program.

*\* Please note that not all honors courses are offered each semester and that additional courses may be added or substituted.*

3. Since it is the intent of all such programs that students complete both programs in five years, it will be generally difficult for part-time students to participate in them. Full-time graduate matriculation in the fifth year is generally required, unless only part-time attendance is necessary to complete the graduate degree.
4. Any student who does not register for the final, fifth year of graduate courses after the baccalaureate will no longer be active in the program, and all graduate credits counted toward the baccalaureate will become ineligible for "double-dipping." Should such a student return later seeking to register, s/he will need to apply for the master's program as a regular applicant and will have to replace the graduate credits taken as an undergraduate with additional graduate courses; i.e., complete the full master's program after the baccalaureate. Graduate credits taken beyond those required for completion of the baccalaureate may be considered for advanced standing, as with any other applicant.
5. No matter when the student actually receives the baccalaureate or what s/he registers for, the differential (undergraduate) tuition rate IS LIMITED TO THE TOTAL OF GRADUATE CREDITS REQUIRED IN THE UNDERGRADUATE PORTION OF THE PROGRAM (9–18, or 24 in the case of some advanced-placement students in the B.S./M.S. Accounting program). Normally, all accelerated program students would be expected to achieve the baccalaureate after no more than eight semesters of undergraduate coursework and should be so advised. Any courses taken after graduation, including summer enrollments, are charged at the graduate tuition rate.

St. John's University consistently strives to place an outstanding higher education within the financial reach of all qualified applicants. During the 2007–2008 academic year, the University awarded more than \$358 million in federal, state, University and external financial aid funds. More than \$152 million of this amount is provided from the University's own funds in grants-in-aid, scholarships and tuition remissions.

The Office of Student Financial Services—in Bent Hall, on the Queens campus; in the Kelleher Center, Room 116, on the Staten Island campus—is responsible for the administration of all student assistance programs at the University. The professional financial aid staff is available to assist student aid applicants with financial aid advisement.

Financial aid is awarded on the basis of demonstrated financial need assessed by use of a standard financial aid application, currently the Free Application for Federal Student Aid (FAFSA), which analyzes the family income data provided on the FAFSA through the federally mandated Federal Methodology. The analysis is designed to assess the family's financial strength and determine the student's need for financial assistance by calculating an expected family contribution. The FAFSA's expected family contribution is subtracted from the student's total cost of education or budget at St. John's University. This calculates a student's financial need. All need-based financial aid must be awarded according to a student's calculated financial need.

All undergraduate students must file the FAFSA to be considered for all need-based aid, including University grants and all federal grants, loans and the work-study program. New York State residents should also apply for the Tuition Assistance Program (TAP) by filing the TAP application.

Continuing undergraduate students who filed for aid in the prior school year must file for financial aid via the Renewal FAFSA in order to be considered for all sources of financial aid. Continuing students who are New York State residents should also file a TAP application.

The cost of education or budget for a typical full-time dependent commuter student is the total of current tuition and fees, books and supplies, transportation, personal expenses and home maintenance. For self-supporting independent students and dependent students residing apart from their parents, the average budget is the total cost of current tuition and fees, books and supplies, transportation, personal expenses, off-campus room and board. The Office of Student Financial Services may change the amounts of the "other educational costs" included in the cost of education when deemed necessary. Students can review their cost of attendance online via their UIS account.

After reviewing a student's FAFSA needs analysis report and subtracting the expected

family contribution from the student's cost of education budget, the University determines the student's financial need. This is used to prepare a "financial aid package" outlining the state, federal and St. John's University funds available for the student in the form of gift assistance (grants or scholarships), loan assistance and/or work-study opportunities.

The Office of Admission awards University academic scholarships to eligible students, provided eligibility criteria are met (see section entitled "University Scholarships"). A scholarship applicant may file the FAFSA and TAP application if he or she would like to be considered for need-based aid. Recipients of St. John's full-tuition Presidential Scholarships must file the FAFSA and TAP applications. If the student is found eligible for a TAP award, these funds will be used in combination with the Presidential Scholarship to cover full tuition.

**Students filing the FAFSA should be sure to designate St. John's University, Federal School Code #002823, as a recipient of the needs-analysis information.**

The University's annual financial aid application filing deadline date is February 1. Students should file the FAFSA form as soon as possible after January 1. New York State residents should file the TAP application as well as the FAFSA so that eligibility for New York State aid might be determined. The TAP application will be mailed to the student by New York State after the FAFSA is processed. Both forms must be filed on an annual basis.

Late financial aid applicants may not receive maximum aid consideration.

## New York State Math and Science Teaching Incentive Program

The New York State Higher Education Services Corp. announces the New York State Math & Science Teaching Incentive Program. This is a competitive award program to increase the number of middle and secondary math and science teachers in New York State and help eligible students pay for college.

Eligible recipients may receive annual awards for not more than four academic years of undergraduate and one academic year of graduate full-time study while matriculated in an approved program leading to permanent certification as a secondary education teacher in mathematics or science.

The maximum amount of the award is equal to the annual tuition charged to New York State resident students attending an undergraduate program at the State University of New York (SUNY) or actual tuition, whichever is less. The current maximum award for the 2006–07 academic year is \$4,350. Payment will be made directly to schools on behalf of students upon certification of their

successful completion of the academic year for which the student seeks payment.

Students receiving a New York State Math & Science Teaching incentive award must agree to teach math or science for five years on a full-time basis at a secondary school located within New York State, regardless of the amount or number of award payments received. Recipients who do not fulfill their service obligation will be required to repay their scholarship awards plus interest.

A *New York State Math and Science Teaching Incentive Program Supplement* form must be completed and postmarked by a deadline to be set by HESC. This form will be available on our Web site in January 2007.

Selected recipients must file the *Free Application for Federal Student Aid (FAFSA)* and the *Tuition Assistance Program (TAP)* application by May 1 of each academic year they seek payment under this program.

Any questions can be directed to the HESC Scholarship Unit at 1 (888) 697-4372.

## Evening and Weekend Students Financial Aid

Students attending the Weekend and Evening Sessions of the University are eligible for all available financial aid programs, if they maintain at least 12 credits a semester as an evening student or at least eight credits a trimester as a weekend student. Full-time weekend students are eligible to apply for the TAP. Three-quarter and half-time students are eligible for the following: University financial grants-in-aid, New York State Aid for Part-Time Study (APTS), federal Supplemental Educational Opportunity Grant Program (SEOG), federal Perkins Loan Program, federal Work-Study Program, federal Pell Grant Program, the federal subsidized and unsubsidized Stafford Loan Program, provided they meet the requirements of the particular program as regulated by the University or federal and state agencies. Less than half-time students may qualify only for federal Pell Grants and/or APTS funds, but only when such governmental funding is available.

## University Scholarships

St. John's University scholarships are highly competitive and available to students whose academic achievement and personal commitment display the values, compassion and pursuit of excellence which embody the spirit of the University.

Freshman and transfer scholarship awards range from full to partial tuition. For select scholarships, a personal interview may be required. All academic scholarship recipients must complete a minimum of 24 credits and maintain a cumulative grade point average of 3.0.

High school seniors entering in the fall who seek scholarship consideration must be accepted for admission by March 1. For transfer students, the deadline is April 15. Both freshmen and transfer students who plan to enter in the spring term must be accepted for admission by October 1. Only full-time students [12-18 credits] are eligible for scholarship awards.

Scholarship parameters and amounts are based on the strength of the applicant pool for any given program and are subject to change without notice.

**University Presidential Scholarships** provide a limited number of full-tuition scholarships (less any New York State Tuition Assistance Program (TAP) funds received).

**Scholastic Excellence Scholarships** are partial scholarships that range up to \$21,000 a year.

**Academic Achievement Awards** are partial scholarships that range up to \$12,000 annually.

**University Transfer Scholarships** are partial University scholarships ranging up to \$10,000 per year for new transfer students, based on academic record. Transfer students must have earned a minimum of 24 credit hours from an accredited institution.

### Catholic Student Scholarships

Catholic students are encouraged to apply for the Catholic Student Scholarship. Eligible candidates must (1) be Roman Catholic, (2) graduate from a high school, (3) complete the Catholic Student Scholarship application by February 15th (the application is available in the Office of Admission), and (4) complete the FAFSA by February 15th. Scholarship awards range between \$1,000 - \$2,500 a year, depending on financial need.

For the most up-to-date information about and policies concerning academic scholarships, visit the Web site at [www.stjohns.edu](http://www.stjohns.edu).

### The Ozanam Scholars Program

The Ozanam Scholarship was created to recognize Frederic Ozanam, a 19th-century disciple of Vincent de Paul. Working selflessly on behalf of the poor, Ozanam's philosophy reflected Vincent's legacy of compassionate service.

Eligible applicants must have a strong academic record and show a dedication to serving the disadvantaged.

Students should have an 85 grade point average and a minimum combined SAT (critical reading and math) of 1050, although all students are encouraged to apply.

Applications are available in the Office of Admission, and must be submitted by no later than February 15th of the student's senior year in high school. Scholarship awards will be up to \$10,000 per year.

## Special University Scholarships

The University has many scholarships funded through special endowments and donations. In most instances, academic merit and financial need are considered along with the particular requirements of the scholarship selection process. For further information, please contact the Office of Student Financial Services.

### Grants-in-Aid

Grants-in-aid are awarded to needy students and students who have special abilities or who make significant contribution to the University. Grants are based on financial need, extracurricular activities and forensic and athletic ability. Interested students should file the FAFSA, and may obtain further specific information regarding eligibility requirements from the Office of Student Financial Services.

**"Three-in-One Family"** grants-in-aid provide one-half tuition to the third member of a family when there are three

family members enrolled simultaneously at the University on a full-time basis. A letter requesting consideration for this special University grant and listing the three family members in attendance should be forwarded to the Office of Student Financial Services. Each enrolled family member must also file a FAFSA annually for the duration of the time that all three are in attendance and the grant is requested.

## Scholarships from Outside the University

Various associations, corporations, foundations and unions provide scholarships for recipients whom they select. Recipients may be selected based on financial need as attested to by the financial aid application. Interested candidates should seek information from available publications and directly from these groups. Additional information may be available from the Office of Student Financial Services.

## New York State Financial Aid

The programs of financial assistance in New York State are administered by the New York State Higher Education Services Corporation in Albany.

### The Tuition Assistance Program (TAP)

This program provides grants ranging from \$100 to \$5,000 a year to full-time dependent undergraduates, and \$100 to \$3,025 yearly for full-time, single, independent undergraduates. Independent students with dependents are eligible for the same award ranges as dependent students.

TAP award amounts for all students (including new recipients) are subject to available New York State funding. All students should also note that the maximum award for juniors and seniors is reduced by \$200 a year. Awards are based on family New York State net taxable income. The TAP is an entitlement program with neither a qualifying examination nor a limited number of awards. The applicant must 1) be a resident of New York State and a U.S. citizen or permanent resident alien; 2) be enrolled full-time and matriculated at an approved New York State post-secondary institution; 3) have, if dependent or independent with dependents, a family New York net taxable income below \$80,000, or if independent and single, a net taxable income below \$10,000; and 4) be charged a tuition of at least \$200 a year. Undergraduate students may generally receive TAP awards for four years of study. Students enrolled in a state-sponsored opportunity program may receive undergraduate awards for five years. Graduate students may receive awards for four years under a graduate payment schedule.

Students may file for the TAP by means of the Electronic TAP Application, which will be forwarded by NYSHESC upon completion of the FAFSA.

### The Academic Excellence Scholarship Program

This program provides up to \$1,500 to be awarded to the top graduating seniors in each high school in New York State. The awards are based on academic excellence as measured by the weighted average of a student's scores on Regents Exams taken by the student prior to the senior year. Applications are available at high school guidance offices.

### Aid for Part-Time Study (APTS)

This New York State program provides grants to undergraduate part-time students who are New York State residents attending college in New York. There are awards up to \$2,000 per school year, based on family New York net taxable balance, financial need, total tuition cost and other assistance. APTS awards available to St. John's students are based on fluctuating yearly allocation from New York State. The New York net taxable income cutoffs for APTS eligibility are currently \$50,550 for dependent students and \$34,250 for independent students. APTS applicants must be residents of New York State, U.S. citizens or permanent residents and normally at least half-time students (carrying 6–11 credits per term). Applications for APTS may be obtained at the Office of Student Financial Services and should be filed with this office at least 30 days prior to the start of each semester for which application is made. Award amounts for less than half-time students are available only when funding permits.

### Child of Veteran Awards

These awards are for children of veterans who are deceased, disabled or missing in action as the result of service in the armed forces of the U.S. during wartime and/or periods of armed conflict, or who were classified as prisoners of war during such service. The student must currently be a resident of New York State and be matriculated full-time in an approved program in New York State. An award provides \$450 per year toward undergraduate study. Eligible students should request the special Child of Veteran Award Supplement from NYSHESC, 99 Washington Avenue, Albany, NY 12255. The special supplement does not replace filing for state aid on the TAP Application. After eligibility has been approved, the student must apply for state aid annually and the Child of Veteran Award will be renewed unless the disability conditions change. NYSHESC must be notified of new conditions.

## Vietnam Veterans Tuition (VVTA) Awards

These awards provide financial assistance to veterans of the armed forces of the U.S. who served in Indochina between January 1, 1963 and May 7, 1975. Awards are available for full- and part-time study in an undergraduate degree program. Veterans are required to establish eligibility for the program by September 1, 1998.

Full-time awards are \$1,000 per semester or tuition, whichever is less, and are available for four years of full-time study (or for five years in an approved five-year bachelor's degree program). The applicant is required to apply for a TAP award and a federal Pell Grant. If a TAP award is approved, the combination of TAP and VVTA cannot exceed tuition.

Part-time awards are \$500 per semester or tuition, whichever is less, and are for students taking 3–11 credit hours (or the equivalent) per semester. The awards are available for up to 16 semesters (eight years), or 20 semesters (10 years) in an approved program that would normally require five years if the study were full-time. The applicant must apply for a federal Pell Grant. For further information, contact NYSHESC at the address listed and request a Vietnam Veterans Tuition Award Supplement.

## World Trade Center Memorial Scholarships

These scholarships guarantee access to a college education for the children, spouses and financial dependents of innocent victims who died or were severely and permanently disabled as a result of the September 11, 2001, terrorists attacks on the U.S. and rescue and recovery efforts. This includes victims at the World Trade Center site, the Pentagon or on Flights 11, 77, 93 or 175. The award amount varies depending on financial need. Total aid received cannot exceed the student's cost of attendance. Submit a copy of the New York State World Trade Center Memorial Scholarship application, with the necessary documentation, to: NYSHESC Scholarship Unit, 99 Washington Avenue, Albany, NY 12255. A description of the required documentation is included in the application instructions. Undergraduate students who are full-time and matriculated in an approved program in New York State and meet requirements for the receipt of New York State grants and scholarships are eligible. Recipients need not be New York State residents or U.S. citizens to receive the scholarship. Note: New York State resident family members who were enrolled in undergraduate colleges or universities located outside of the State on September 11, 2001, are also eligible for scholarship payment at that school.



## Standards of Satisfactory Academic Progress for the Purpose of Determining Eligibility for State Student Aid

### UNDERGRADUATE

Before being certified for this payment, a student must have accrued the amount of credits indicated, with at least the corresponding grade point average.

Semester	Credits	Grade Point Average
First	0	0
Second	3	1.1
Third	9	1.2
Fourth	21	1.3
Fifth	33	2.0
Sixth	45	2.0
Seventh	60	2.0
Eighth	75	2.0
Ninth*	90	2.0
Tenth*	105	2.0

\*HEOP students only

### Persian Gulf Veterans Tuition Awards

These awards provide up to \$1,000 per semester for full-time study or \$500 per semester for part-time study to Persian Gulf veterans matriculated at an undergraduate or graduate degree-granting institution or in an approved vocational training program in New York State. For full-time study, awards are \$1,000 per semester or tuition, whichever is less. Full-time study is defined as 12 or more credits per semester (or the equivalent) at a degree-granting institution, or 24 or more hours per week in a vocational training program. For part-time study, awards are \$500 per semester or tuition, whichever is less. Part-time study is defined as 3–11 credits per semester (or the equivalent) at a degree-granting institution, or 6–23 or more hours per week in a vocational training program. If a Tuition Assistance Program (TAP) award is also received, the combined academic year award cannot exceed tuition. Thus, the TAP award will be reduced accordingly. Total undergraduate and graduate veterans tuition awards received cannot exceed \$10,000. For eligibility, students must have served in the U.S. Armed Forces in the hostilities that occurred in the Persian Gulf from August 2, 1990, to the end of such hostilities as evidenced by receipt of the Southwest Asia Service Medal, which was awarded from August 2, 1990, to November 30, 1995; have established eligibility by applying to HESC on or before September 1, 2002; be NYS residents; have been discharged from the U.S. Armed Forces under other than dishonorable conditions; be matriculated full or part-time at an undergraduate or graduate degree-granting institution in NYS or in an approved vocational training program in NYS; have applied for a Tuition Assistance Program (TAP) award if full-time; have applied for a federal Pell Grant award for full-time or part-time undergraduate study, or enrollment in a vocational training program. All applications must be completed by May 1 of the academic year for which an award is sought.

### Professional Opportunity Scholarships

These scholarships were established to increase the number of minority group professionals practicing in New York State. A limited number of undergraduate awards ranging from \$1,000–\$5,000 per year for up to four years are available for study in many professional licensure–qualifying fields, such as accounting, architecture, chiropractic, dental hygiene, engineering, landscape architecture, law, nursing, occupational therapy, occupational therapy assistant, ophthalmic dispensing, optometry, pharmacy, physical therapist assistant, physician's assistant, physical therapy, psychology, social work, speech–language pathology/audiology, or veterinary medicine.

Legal residents of New York State who are or will be enrolled in approved study programs and who agree to a service commitment are eligible to apply for these awards. Further information and application forms are available at the Office of Student Financial Services or NYS Education Department, Bureau of Higher Education Opportunity Programs/VATEA/Scholarships, Cultural Education Center, Room 5A55, Albany, NY 12230.

### New York State Post-Secondary Education Fund for Native American Students

This fund is for students who are New York State residents and listed on the official rolls of a New York State tribe or children of enrolled tribal members. Applicants must have graduated from an accredited high school, possess a high school equivalency (GED) or be enrolled in an approved 24-credit GED program. Students must be accepted at or attend an approved collegiate or non-collegiate program offered by a post-secondary institution located in NYS. Grant amounts range up to \$1,550 per year to a total of \$6,200 (to \$7,750 for an approved five-year program). For information contact:

New York State Education Department,  
Native American Education Unit, Room 543,  
Education Building, Albany, NY 12234.

## Satisfactory Academic Progress Requirements for New York State Aid Recipients

St. John's University must comply with the New York State Education Department regulations (Section 145–2.2) as they pertain to a student's satisfactory academic progress and program pursuit for the purposes of determining student eligibility for state financial assistance. These regulations apply both to full-time and part-time state aid recipients. Part-time students are referred to the University's "Satisfactory Progress" brochure for specific information for part-time state aid recipients. Students applying for full-time state financial assistance such as the Tuition Assistance Program (TAP) must meet the minimum standards for satisfactory academic progress and program pursuit as listed below in order to continue their eligibility for state financial assistance.

### New York State Aid Program Pursuit Requirements for Full-Time Undergraduate Students

If you are a full-time undergraduate student receiving a TAP award or any other New York State grant or scholarship, you must meet the NYS Education Department's requirements for both satisfactory academic progress and program pursuit. For purposes of continued state aid eligibility, students are reviewed *at the end of every semester* for eligibility for the following term.

**Program pursuit** means making a passing or failing grade in the following percentages of a full-time program (which is a minimum of 12 credits a semester):

**First Year of TAP Payment:** 50% of a minimum standard full-time program must be completed each semester (six credits per semester).

**Second Year of TAP Payment:** 75% of a minimum standard full-time program must be completed each semester (nine credits per semester).

**Third and Fourth Year of TAP Payments:** 100% of minimum standard full-time program must be completed each semester (12 credits per semester).

You must make program pursuit *every semester* in order to be eligible to receive your state aid for the following semester.

In addition to these program pursuit requirements you must also make satisfactory academic progress. This means that you must complete a certain number of credits each semester, with a certain cumulative index to be eligible for the next semester's award.



**Important:** All students receiving state aid must maintain a 2.0 cumulative grade point average starting with the receipt of the fifth semester of state aid.

For additional information regarding the academic progress requirements for financial aid eligibility, students should visit the Office of Student Financial Services.

## **New York State Aid Program Pursuit Requirements for Part-Time Undergraduate Students**

Undergraduate students receiving New York State Aid for Part-Time Study (APTS) must also meet requirements for both satisfactory academic progress and program pursuit. These requirements closely follow the requirements for full-time undergraduate students receiving TAP awards.

**Program pursuit** entails making a passing or failing grade in the following percentages of a part-time program

**First Year of APTS Payment:** 50% of a part-time program must be completed each semester.

**Second Year of APTS Payment:** 75% of part-time program must be completed each semester.

**Third and All Subsequent Years:** 100% of part-time program must be completed each semester.

In order to be eligible for state aid the following semester, you must make program pursuit every semester.

To make **satisfactory academic progress**, the student must successfully complete a minimum number of semester hours of credit with a minimum grade point average according to the same satisfactory progress chart that is printed in the previous section for full-time undergraduate TAP recipients. The difference here is that part-time APTS recipients are not reviewed every semester for satisfactory academic progress; instead, their academic progress is reviewed in 12-credit increments. Each accumulation of 12 credits attempted counts for one semester on the full-time chart; an APTS recipient must meet the academic progress requirements for number of credits completed and cumulative average step by step on this chart after each accumulation of 12 credits attempted.

A part-time recipient of New York State aid who fails to meet the program pursuit or satisfactory academic progress requirements in a particular semester may wish to make up the necessary credits or achieve the required cumulative index by pursuing credits at his/her own expense in a given semester. By so doing, he or she will hopefully make up the deficiency and be eligible to receive his/her New York State aid in the following semester.

## **Federal Financial Aid**

Applicants for any type of federal financial aid must file the Free Application for Federal Student Aid (FAFSA). The output sent to the student who files this form is called a federal Student Aid Report (SAR). As long as St. John's University is listed on the student's SAR and no corrections have been made to the original information submitted, the student may keep the SAR for his/her records.

Recipients of federal financial aid (grants, work study or any federal loan) must make satisfactory academic progress to continue to be eligible to receive such aid. Standards for federal aid recipients differ from standards for state aid. Federal standards are outlined under the heading "Satisfactory Academic Progress Requirements for Federal and/or St. John's-Funded Financial Aid Recipients."

## **Federal Pell Grant Program**

This is a federal financial aid program providing financial assistance to needy post-secondary school students. The 2009-2010 maximum federal Pell award is \$5,350 per year. When a student files FAFSA, his/her federal Pell Grant eligibility is determined. Funding is credited to the student's tuition for each semester. The program is open to both full-time and part-time students. Students carrying at least 12 credits per semester are considered full-time. Students carrying 9-11 credits are three-quarter time; those carrying 6-8 credits are classified as half-time. When federal funding permits, awards may be made to less than half-time students.

## **Federal Perkins Loan Program**

This program (formerly the National Direct Student Loan Program-NDSL) makes funds available for student loans on a low-interest, long-term basis. Applicants must be either formally accepted for admission or currently in attendance at the University as full-or part-time students. Undergraduate students who meet the financial need factor may borrow up to \$5,500 per year for a maximum of \$27,500 over a four-or five-year period. Due to limited funding, St. John's University may not be able to offer the allowable maximums permitted under the law. The current Perkins Loan interest rate is 5%.

Payment is not required for up to three years of active U.S. military service or service in the Peace Corps, VISTA or similar national programs, parental leave and other qualified deferments. A cancellation benefit exists for those graduates who teach in federally designated low-income areas. Some other cancellation benefits also exist. Repayment and interest does not begin until nine months after

the student leaves school and may extend to 10 years. For further information on deferments and cancellations, please contact the Office of Student Financial Services.

## **Federal Health Professions Loan Program**

This is a federally-sponsored loan program open to Pharmacy majors at St. John's University. St. John's awards federal Health Professions Loans only to full-time "dependent" students; eligibility is determined based on a review of the student's FAFSA.

The present interest rate for federal Health Professions Loans is 5% with deferment of loan payments while the student remains in school on a full-time basis. A 12-month grace period, during which time no interest accrues, begins when the student leaves school or falls below full-time status. Information on deferments and cancellations may be obtained at the Office of Student Financial Services.

## **Federal Work-Study Program**

This program offers qualified students part-time employment with the University (on-campus) and at various non-profit and for-profit agencies (off-campus). Interested students who meet federal guidelines are interviewed following their registration.

## **Federal Supplemental Educational Opportunity Grants**

These grants are awarded to undergraduate Pell eligible students based on financial need.

## **Robert C. Byrd Honors Scholarships**

These scholarships were established by the federal government to recognize outstanding academic achievement. Applicants must be graduating high school seniors who show promise of continued excellence. Selection is based on SAT or ACT score and grade point average. Recipients may receive \$1,100 per year for up to four years of undergraduate study. In New York State, this program is administered by NYSHEEC, and the number of awards made each year is based on annual federal appropriations. Further information and application forms are available at your high school guidance office or the NYS Education Dept., Bureau of Higher Education Opportunity Programs/VATEA/Scholarships, Cultural Education Center, Room 5A55, Albany, New York 12230.

## **Army ROTC Scholarships**

These scholarships offer financial assistance for qualified students interested in the ROTC program. Four-year, three-year and two-year scholarships are offered. The U.S. Army pays full or partial tuition, fees, textbook and other required expenses, except room and board. In addition, a \$100 monthly stipend during the academic year is available to upper division

**Maximum Annual Loan Amount  
2009–2010**

*Effective for loans first disbursed on or after July 1, 2008*

**Dependent Student**

**Independent Student Only**

Borrower's School Year	TOTAL subsidized and unsubsidized	BASE AMOUNT subsidized and unsubsidized	ADDITIONAL unsubsidized only	TOTAL AMOUNT
First-year undergraduate (0–24 credits completed)	\$3,500 + 2,000 (unsub)	\$3,500	+	\$6,000 = \$9,500
Second-year undergraduate (25–55 credits completed)	\$4,500 + 2,000 (unsub)	\$4,500	+	\$6,000 = \$10,500
Third-year and beyond undergraduate (56 credits and more completed)	\$5,500 + 2,000 (unsub)	\$5,500	+	\$7,000 = \$12,500
<b>Total outstanding debt:</b>				
Dependent undergraduate	\$31,000	Independent undergraduate		\$57,000

students. Selection is based on academic excellence, extracurricular activities, physical standards, results of college entrance board examinations and evaluation of motivation and leadership potential. Upon graduation and successful completion of the Army ROTC program, scholarship students are commissioned as Regular Army or Reserve Second Lieutenants and serve on active or reserve duty. For information, contact the ROTC Office on the Queens campus.

### Higher Education Grant Program for American Indians/Alaskan Natives

This program is available to a person who is a member of a federally recognized Indian tribe eligible to receive services from the U.S. Department of the Interior. Award amounts are based on a student's unmet financial needs; award amounts vary by region. Interested applicants must file a FAFSA on a yearly basis and seek conventional aid through the post-secondary institution. Application forms and additional information is available from the student's local tribal office.

## Federal Student Loan Programs

### What is a Federal student loan?

Federal Student loans, commonly referred to as Federal Stafford or Federal Direct student loans, are one form of student aid from the federal government. These loans are real loans and must be repaid with interest. St. John's University processes all Federal Stafford and Federal PLUS/GRAD PLUS loans exclusively through the **William D. Ford Federal Direct Loan Program** in which borrowers obtain loan funds directly from the U.S. Department of Education.

### What is the difference between subsidized and unsubsidized loans?

For the Federal Direct Subsidized Loans you will not be charged interest until you begin repayment. Repayment begins six months after you cease to be enrolled at least half-time (including leaves of absence). The interest rate for Federal Direct Subsidized Loans for undergraduate students disbursed on or after July 1st 2009 will be 5.6%.

For the Federal Direct Unsubsidized Loans the government will not pay interest while a student is in school as it does for the Subsidized Direct Loan. Interest accrues, and must be paid or capitalized, during periods of in-school enrollment and/or deferment. The interest rate for Federal Direct Unsubsidized Loans for all students disbursed on or after July 1st 2009 will be 6.8%.

### What fees, if any, are associated with this loan?

As of July 1, 2009 an origination fee of 1.5% of the total loan will be assessed and an up-front rebate of 1.0% will automatically be awarded. To keep this up-front rebate, you must make your first 12 payments on time once you go into repayment status. The net disbursement will reflect these fees therefore; the amount credited will be less than the loan amount approved. These fees are determined by the U.S. Department of Education and are subject to change.

### Where can I learn about the various Federal student loan programs?

For more information on Direct Loans visit [www.ed.gov/offices/OSFAP/DirectLoan](http://www.ed.gov/offices/OSFAP/DirectLoan). The U.S. Department of Education's National Student Loan Data System (NSLDS) provides borrowers access to information on all student loans and/or federal grant amounts, including information on loan status, outstanding balances, and disbursements. Go to [www.nsls.ed.gov](http://www.nsls.ed.gov)

### How do I apply for a Federal student loan?

Student/parent who wishes to borrow the federal loans indicated in their Financial Aid Award Offer; need to complete the following simple steps.

#### Federal Subsidized/Unsubsidized Loan Process

**Step 1:** First time Federal Student Loan borrowers must complete a Federal Student Loan Entrance Counseling Session in accordance with federal regulations. Go to: [www.dl.ed.gov](http://www.dl.ed.gov) and click on Entrance Counseling.

**Step 2:** Complete a Direct Loan Master Promissory Note (MPN) at [www.dlennote.ed.gov](http://www.dlennote.ed.gov). Borrowers will need their FAFSA Personal Identification Number (PIN). If you do not have a PIN or cannot recall it, you can request your PIN at [www.pin.ed.gov](http://www.pin.ed.gov).

#### Parent Loan for Undergraduate Students (PLUS) Process

**Step 1:** Complete the Direct PLUS Request Form and return it to:

Office of Student Financial Services  
St. John's University  
8000 Utopia PKWY  
Queens, NY 11439  
Attn: Loan Department

- Our Direct PLUS Request Form can be found at the Office of Student Financial Services web page at [www.stjohns.edu/services/financial](http://www.stjohns.edu/services/financial)

*\*Interest rates on federal loans are subject to change based upon changes of federal regulations.*

- Upon receipt of the Direct PLUS Request Form, St. John's will forward parent borrower's information to the Department of Education servicer for a credit check.
- Upon receipt of credit approval parent will receive an email letting them know that they have been approved for the PLUS and will be advised then to complete their Master Promissory Note.

**Step 2:** Complete the Direct PLUS Loan Master Promissory Note (MPN) at [www.dlenote.ed.gov](http://www.dlenote.ed.gov) upon notification of credit approval.

## Satisfactory Academic Progress Requirements for Federal and/or St. John's Funded Financial Aid Recipients (undergraduate students)

As an undergraduate student, your academic progress is reviewed at the end of each school year, and you must meet the following satisfactory academic progress requirements if you are the recipient of any of these federal or institutional aid programs:

**Federal:** federal Pell Grant, federal Supplemental Educational Opportunity Grant (SEOG), Federal Work Study (FWSP), federal Perkins Loan, federal Stafford Loan (both subsidized and unsubsidized), federal Parent Loan for Undergraduate Students (PLUS).

**Institutional:** All St. John's grants-in-aid, all St. John's Scholarships,\* all St. John's tuition remissions.

There is a maximum length of time set for completion of a degree program with the benefit of receipt of federal and/or University-funded (institutional) financial assistance.

	Full-Time Students	Part-Time Students
Regular Baccalaureate	6 years	Time limits are based on the full-time limits converted to part-time equivalents.
Associate	3 years	

*\*Recipients of St. John's various scholarships must meet the stricter requirements of these programs regarding cumulative index achieved so as to maintain continued eligibility for these academic-based programs. Also, all St. John's grants-in-aid and the majority of St. John's scholarships are available for undergraduate students only.*

## Measurable Satisfactory Academic Progress for an Undergraduate Student:

1. The student must complete 70% of credits attempted upon review at the end of each school year of enrollment. (You may make up credits during the summer, at your own expense, to establish continued aid eligibility for the next school year.)
2. The student must maintain a cumulative grade point average (GPA) of 1.50 at the end of the first academic year and 2.0 by the end of the second academic year and all subsequent school years. (You may attempt to achieve the necessary cumulative index through attendance in summer school, at your own expense, to establish continued aid eligibility for the next school year.)
3. Recipients of St. John's scholarships requiring the maintenance of a 3.0 cumulative index must adhere to these stricter standards.

## Review Policies:

1. At the end of each school year the GPA and number of credits attempted and earned by each student will be reviewed.
2. The following will be considered as credits completed
  - a. A through D grades
  - b. P (passing with credit) grades
  - c. Transfer credits
  - d. Advanced Placement (AP) credits
3. The following will not be considered as credits completed:
  - a. F grades
  - b. AU (audit, no credit) grades
  - c. WD (withdrawal\*) grades
  - d. AB (absent, incomplete) grades
  - e. IN (incomplete) grades
  - f. Non-credit remedial courses
  - g. ESL courses
  - h. UW (unofficial withdrawal)\* grades
  - i. ABF (absent/failure)\* grades
  - j. X (failure)

*\*Note that while WD, UW and ABF grades are not considered as credits completed, they will be included in credits "attempted" in the satisfactory progress review.*

## Probationary Status

Recipients of federal and/or St. John's-funded aid who fail to meet the GPA or completion rate requirements as outlined are placed on Financial Aid Probation for one semester. While on Financial Aid Probation, the student is eligible to receive student financial aid. Students failing to meet GPA or completion rate requirements by the end of their probationary period automatically become ineligible to receive financial aid.

## Financial Aid Suspension

If a student fails to complete at least 70% of credits attempted and/or fails to achieve the required GPA after one probationary term, financial aid eligibility will be suspended and aid for the subsequent semester will be terminated.

## Waivers for NY State/Federal/ St. John's Aid

A suspended-aid status can be waived for one semester if the student has had mitigating circumstances such as personal illness or injury, the death of an immediate family member, etc. All students in suspended-aid status will receive a waiver form to complete and return to the Office of Student Financial Services. Upon review of the circumstances, the student will be notified in writing whether or not the waiver was approved.

*\*Note that while WD, UW and ABF grades are not considered as credits completed, they will be included in credits "attempted" in the satisfactory progress review.*

# Student Support Services and Resources

## Alumni Relations

Currently, the St. John's University Office of Alumni Relations sponsors and oversees over 20 constituent groups (organized by college and other affiliations) and more than 40 regional chapters. These groups touch many of the more than 155,000 worldwide alumni. Graduates of the St. John's University who make an annual contribution to the University are able to enjoy quality benefits. Not only does an alumni contribution support high-quality education for deserving students, it also entitles the contributor to a myriad of discounts and services with a family of corporate partners. Find out more about these benefits and stay connected with St. John's University and fellow classmates by visiting [www.stjohns.edu/alumni](http://www.stjohns.edu/alumni).

The Office of Alumni Relations:

- Coordinates social and educational functions throughout the year
- Offers tickets to cultural and entertainment events
- Sponsors professional networking and career development opportunities
- Offers group travel and tour programs
- Sponsors and implements alumni reunion and homecoming events
- Sponsors alumni receptions and athletic events both at home and away
- Participates in the publishing of the St. John's University Magazine
- Participates with the Career Center on the alumni mentoring program (COACH)
- Sponsors the Student Alumni Association (SAA) for current students
- Sponsors the Young Alumni Committee
- Coordinates school-specific or career-related Insider's View programs, including the "Insiders View of the Capital" program with the Washington, DC, regional chapter

For more information regarding the Office of Alumni Relations, visit [www.stjohns.edu/alumni](http://www.stjohns.edu/alumni) or call the Queens campus at (718) 990-6232; the Staten Island campus at (718) 448-2272; or the Rome campus at 011 39 (06) 393-842.

## Athletics

St. John's University offers 17 intercollegiate athletic team sports for student-athletes. These teams participate in the highest level of athletic competition in a variety of collegiate organizations. The University is a member of the National Collegiate Athletic Association (NCAA), Eastern College Athletic Conference (ECAC), Big East Conference, Intercollegiate Association of Amateur Athletics of America (IC4A), Metropolitan Intercollegiate Track and Field Association (MTFA), Intercollegiate Fencing Association (IFA) and National Intercollegiate Fencing Association (NIFA).

In women's intercollegiate athletics, St. John's University competes against NCAA

Division I competition in basketball (a 20-win Season and NCAA Tournament berth in 2005–2006), softball, fencing (Co-national Championship in 2001 with the men's team, Co-national runner-up in 2007 with the men's team), tennis, cross country, indoor and outdoor track and field (a BIG EAST Championship in 2005 and several individual titles in 2005 and 2006), soccer (Ian Stone BIG EAST Coach of the Year in 2006), volleyball (BIG EAST Regular Season Champion in 2006, NCAA Tournament Berth in 2006, Joanne Persico-Smith BIG EAST Coach of the Year in 2006) and golf (a BIG EAST Championship in 2005) for a total of 10 teams.

Men's intercollegiate athletic teams total seven and consist of baseball (6 NCAA College World Series appearances, 2005 and 2007 BIG EAST Regular Season Champions), basketball (where the team plays a majority of its home games at Madison Square Garden), fencing (Co-national Championship in 2001 with the women's team, NCAA individual champion, Co-national runner-up in 2007 with the women's team), lacrosse (debuted in 2005), soccer (the first St. John's team to win an NCAA National Championship in 1996, 16th straight NCAA appearance in 2006), tennis (BIG EAST Championship in 1991) and golf (NCAA appearance in 2007).

## Campus Ministry

Campus Ministry at St. John's University is people, programs, places and most importantly, a presence. The staff of Vincentian priests, religious women and lay ministers are all actively engaged in the development of a vibrant Christian community on the Queens, Staten Island and Manhattan campuses.

Vincentian in tradition, Campus Ministry also seeks to instill in the University community a deep concern for the rights and dignity of the human person, especially the poor and most vulnerable. They hope to share with others the heritage of the Gospel, which is the source of life at the University and the very reason for its existence.

The weekend retreat experience is an important part of the Campus Ministry program, offering students time away from the pressure of classes and working to reflect, take stock, relax and give thanks. Retreats are conducted by student leaders and staff at the Vincentian Renewal Center in Princeton, NJ.

Campuses offer weeklong programs during the semester breaks with sites in Philadelphia, inner-city Brooklyn, Harlem and David, KY. This enables students to live and work among the poor with emphasis on prayer, service and community. On a weekly basis there are many opportunities to serve the needs of people in the metropolitan area through soup kitchens and shelters.

The St. Vincent de Paul Society is a student service organization sponsored by Campus Ministry. The members are involved in weekly service opportunities such as serving

in soup kitchens, shelters and schools. They also sponsor service projects and fundraisers throughout the year.

The University community is served by students, staff, faculty and administrators through various ministries in the Chapel such as readers, Eucharistic Ministers, singers and musicians.

The RCIA program is available for those who are thinking of becoming Catholics and for Catholics who wish to receive First Communion or Confirmation or would like to be a sponsor for a candidate.

On the Queens campus, the Eucharist is celebrated daily at 8 a.m. and 12:15 p.m. in St. Thomas More Church. There is a Sunday celebration at 11 a.m. followed by a coffee hour. The opportunity for reconciliation is also available each day. A special mass for students is held on Sunday evenings at 6 p.m. Following liturgy, we gather as community for snacks and friendship.

On the Staten Island campus, the Eucharist is celebrated at noon on class days in St. Vincent de Paul Chapel. The opportunity for reconciliation is also available each day. Special masses for campus groups are arranged with the Campus Ministers. The Campus Ministry Advisory Council sponsors student activities for the poor and disabled.

The Campus Ministers are always available to help with any personal, moral or religious questions or concerns.

## Campus Recreation

The Department of Campus Recreation promotes the physical and moral well-being of students through intramural and intercollegiate athletics.

The recreational facilities and intramural programs help students achieve physical development, neuromuscular skill and social enjoyment through sports. The new Carnesecca Arena (renamed for legendary Hall of Famer Lou Carnesecca) and state-of-the-art Athletic Field House (opened in the fall of 2005), both housed on the Queens campus, and the Campus Gym Center, on the Staten Island campus, are open to students from 7 a.m. to 11 p.m. on school days, 10 a.m. to 9 p.m. on Saturdays, and noon to 9 p.m. on Sundays.

The Queens campus athletics facilities also include basketball and racquetball courts, an all-purpose exercise room and Fitness Center. In addition, the lighted DaSilva Memorial Field with state-of-the-art Fast Track 942 and Field Turf (used by the women's track and men's lacrosse teams), Belson Stadium (used by men's and women's soccer), The Ballpark at St. John's (used by the baseball team) and the Red Storm Field (used by women's softball) are all modern facilities that are among the best in the country. The main campus in Queens also hosts the following intramural tournaments and events: 5-on-5 basketball leagues (including a women's division), women's volleyball

leagues, co-ed volleyball tournaments (with the possibility of playing outdoors), three-point shooting contests, free-throw shooting contests, softball leagues, a softball hitting contest, a spring fun run and table tennis tournaments. Class instruction is also available in aerobics, fitness, tennis and weight training.

On the Staten Island campus, intramural tournaments for men and women are conducted in basketball, tennis, softball and volleyball. There are men's intramural football, softball, basketball and volleyball programs as well as women's softball and women's volleyball programs. There is also a co-ed karate club which participates in intercollegiate competitions. Full-time undergraduates from the Staten Island campus are eligible to participate on all intercollegiate teams of the University. The Intercollegiate Program is supervised by the Director of Athletics.

Club sports include bowling, volleyball, equestrian, judo, karate, modern dance, ultimate frisbee, wiffleball and table tennis.

## Communications Facilities

Courses in the area of communications and TV/film studies are supported by the Radio and Television Studios, and the Computer Graphics Lab, located on the fourth floor of Marillac Hall.

The Radio and Television Center is a broadcast-quality production and post-production facility that can accommodate both in-studio and on-location productions. The TV Studio features three high-quality color cameras, a computerized lighting system, a 14-channel audio board, digital video effects, electronic character generator with graphics capability, teleprompters and a professional announcer booth for voice-over recordings. The facility can accommodate the recording of talk shows and interview or instructional programs to digital tape. Dedicated laboratories allow for non-linear, digital editing, computer graphics and animation, as well as desktop publishing.

The Radio Studio is equipped to record music, news, interviews and commercial programs. The Center's atmosphere and equipment afford an exposure to a broadcast-quality facility that prepares students for entry into the communications industry. At the Staten Island campus, the radio facilities, located in DaSilva Hall, are used in the production of a wide range of program formats from news to dramatic performances. Production equipment in the radio control booth include compact discs, digital minidisks, cassette recorders, and editing and announcing facilities.

The University maintains state-of-the-art facilities for the layout, design and production of a modern newspaper. The facilities include word processors, computer software and equipment for professional quality art, design layout and photography.

## Dining Facilities

St. John's University's Dining Services offers a variety of options to meet your hectic schedule. With new facilities and exciting culinary additions at each location we offer you the ultimate dining experience. For more information regarding campus dining, along with all our great venues and hours of operations, please visit [www.stjohns.edu/dining](http://www.stjohns.edu/dining), or call our office at (718) 990-1535.

### Queens Campus

#### Montgoris Dining Hall

All-you-care-to-eat dining – open 7 days a week

#### Hungry Johnnie Convenience Store – at Montgoris

Open 7 days, offering a variety of convenience items for your dorm room or office.

#### Marillac Food Court

Offers Burger King, Taco Bell, Quiznos, Mama Leone's pizzas and Italian specialties, a Boar's Head deli, daily hot entrees, Seattle's Best coffees and much more.

#### Library Pura Vida Café

The Café offers a full range of hot and cold specialty "Fair Trade" coffees along with pre-made sandwiches, baked goods, salads and bottled Coke products, fruit cups and desserts.

#### University Center Dining Emporium

The UC/AC offers diners a variety of healthy and filling options; from Italian to Asian cuisines along with a made-to-order All American grill, deli, salads and pre-made sandwiches.

#### Starbucks at the University Center

This full-service Starbucks café offers all that Starbucks is known for, right here on St. John's Queens campus.

#### St. Vincent Hall Bistro

Here you can get made-to-order grill items, sandwiches, fries, soups and much more through late-night hours.

#### Law School Café

Stop in to try the made-to-order grill fare, daily hot menu specialties, pizza, Stromboli at the Boar's Head deli, soups and salad bar. You can also find sushi and pre-made Kosher items along with a full range of Coke products and Starbucks coffee.

### Staten Island Campus

#### Campus Center Cafeteria

This full service dining location offers hot and cold entrées, pre-made salads and sandwiches, as well as a variety of convenience items for residents including, frozen dinners, snacks, Coke fridge-packs, personal items and more.

#### Spellman Café

The Café offers a full range of hot and cold specialty coffees along with pre-made sandwiches, baked goods, salads and bottled Coke products, fruit cups and desserts.

### Manhattan Campus

Here you'll find hot and cold entrées, a made to order grill, pizza, deli, salad bar and a variety of convenience-size items, along with Starbucks coffee and Coke products.

### Queens Campus

#### Montgoris Dining Hall

Monday–Thursday 7 a.m.–10 p.m.

Friday 7 a.m.–8:30 p.m.

Saturday–Sunday 10:30 a.m.–8:30 p.m.

#### Hungry Johnnie C-Store at Montgoris

Monday–Thursday noon–3 a.m.

Friday 7 a.m.–3 a.m.

Saturday noon–3 a.m.

Sunday noon–3 a.m.

#### Marillac Food Court

Monday–Thursday 7 a.m.–7 p.m.

Friday 7 a.m.–2 p.m.

Saturday CLOSED

Sunday CLOSED

#### Library Pura Vida Café

Monday–Thursday 7 a.m.–7 p.m.

Friday 7 a.m.–3 p.m.

Closed Saturday and Sunday

#### Law School Cafe

Monday–Thursday 7:30 a.m.–8:30 p.m.

Friday 7:30 a.m.–3 p.m.

Closed Saturday and Sunday

#### St. Vincent's Bistro

Monday–Thursday Lunch 11 a.m.–2 p.m.

Late Night 7 Days 9 p.m.–3 a.m.

#### University Center Dining Emporium

Monday–Thursday 10:30 a.m.–10 p.m.

Friday 10:30 a.m.–5 p.m.

Closed Saturday and Sunday

#### Starbucks – UC/AC

Monday–Thursday 7 a.m.–11 p.m.

Friday 7 a.m.–5 p.m.

Saturday 8 a.m.–5 p.m.

Sunday 11 a.m.–4 p.m.



## Staten Island Campus:

### Spellman Cafe

Monday–Thursday 7 a.m.–7 p.m.  
Friday 7 a.m.–2:30 p.m.

### Food Court

Sunday 3 p.m. – 8 p.m.  
Monday–Thursday 7:30 a.m.–8 p.m.  
Friday 7:30 a.m.–3:30 p.m.  
Saturday closed

## Manhattan Campus

Monday–Friday 8 a.m.–8 p.m.  
Saturday and Sunday 11 a.m.–7 p.m.

## Career Centers

The Career Centers, located in the University Center, Room 24, Queens campus; and Lavelle Hall, Room 106, Staten Island campus, are the central career information offices for students and alumni. The primary purpose of the Centers is to assist students and alumni in planning their careers.

The Centers sponsor a wide variety of programs and services including:

### Career Advisement

One-on-one advisement is available to assist students and alumni with career choices and in developing career goals.

### Career Awareness Programs

Special programs on various topics, including career alternatives, interview skills and employment advisement assist students in understanding the marketplace and opportunities available.

### COACH Program

The Count On Alumni for Career Help program allows you to connect with alumni to develop networking contacts and gain valuable information about careers.

### Career Center Web site

Here you can find information on special events and programs, choosing your major, career planning, résumé writing, interviewing, your job search, links to job listings, and much more. You can find us at: [www.stjohns.edu/careercenter](http://www.stjohns.edu/careercenter)

### Career Resource Library

Career development and employment information is available to students and alumni. The library includes career literature.

### Education Credential Folders

The Career Center maintains a complete Credential Service for students and alumni in education.

## St. John's CareerLink

St. John's CareerLink is your gateway to Career Center on-line resources and important updates! CareerLink includes access to job, internship and campus recruiting listings; sign-ups for Career Center programs; workshop, information session, career fair and other event information; and additional career development and employment resources. *To access CareerLink, log in to St. John's Central – Click on CareerLink on the right hand side of your screen.*

### Dining Etiquette

Several times a year, evening seminars are offered to help students prepare for interviews/business meetings conducted during a meal. During a four-course meal topics such as the use of utensils, the proper way to eat certain foods and dinner conversation are discussed. Tickets are available for purchase in the Career Center.

### Campus Recruiting

Each year employers representing various fields visit St. John's University with hopes of meeting qualified candidates to fill their full-time and internship hiring needs. The Career Center facilitates one-on-one meetings between candidates and employers through on-campus interviews. Interested students may meet with a career counselor to discuss the requirements for participation and/or attend a Campus Recruiting Orientation for more information.

### Company Presentations

Company presentations are a great way to learn about an organization's history, culture, structure and opportunities in an informal setting.

### F.R.E.E. (Focus on Real Experience and Employment)

The FREE certificate program provides you with the opportunity to navigate and plan for your own career development through a progression of strategic activities and experiences that facilitate career exploration, develop marketable skills, and inspire and prepare you for a lifetime of meaningful work.

Each track includes required activities and/or events along with suggested electives allowing you to customize the program to suit your individual interests and needs.

### Job Fairs

Several times per year, employers visit the campus to recruit for part-time, full-time and summer positions, as well as salaried internships.

## Seminars and Events

The Career Centers offer seminars that take you through all the steps of career planning and host special events that provide opportunities to meet alumni and employers.

### Mock Interview Sessions

Students and alumni are invited to sharpen their skills in a videotaped mock interview. This interview is then evaluated and suggestions are made on improving effectiveness. Repeat the mock interview process to further improve your skills.

### Internship and Part-Time Opportunities

A comprehensive listing of part-time vacancies and salaried internships is available to all St. John's students.

## Department of Student Wellness

The St. John's University Department of Student Wellness (SWell) provides a comprehensive approach to the development of skills for life-long wellness. We offer initiatives that focus on the whole person; body, mind and spirit that foster both personal and academic excellence. We engage students with proven programming that opens meaningful dialogue. The Department of Student Wellness includes Wellness Education, the Center for Counseling and Consultation, and Student Health Services.

### Wellness Education

We understand our students' wellness needs and offer a steady stream of information so individuals can make informed choices about their health and wellness with programs including Stressbusters and Wellness Peer Education!

The SWell Peer Educators provide necessary tools for and create an open dialogue with fellow students about current wellness issues. Wellness pertains to all of the choices we make that affect our personal well-being. This includes how much sleep we get, what we eat, how we exercise, how we handle our stress levels, or if we choose to use or not use alcohol and other drugs.

The Stressbusters program enhances campus life by continuously training and dispatching teams of students to give free backrubs, health information and resource referrals at campus-wide events.

Wellness Education offices are located on the Queens Campus in Bent Hall, Garden Level, (718) 990-7537 and on the Staten Island Campus in the Campus Center, Room B 11-C, (718) 390-4082 or contact us at [swell@stjohns.edu](mailto:swell@stjohns.edu).

## Center for Counseling and Consultation

The Center for Counseling and Consultation offers individual and group counseling on educational, vocational and personal matters to all students. Voluntary, confidential counseling is available by appointment.

We typically see students who:

- Are experiencing academic difficulties
- Want to discuss and resolve problems of a personal nature
- Need referrals for treatment services
- Require psychiatric evaluations

We are staffed by licensed psychologists, psychiatrists and counselors. The Queens Center is located in Marillac Hall, Room 130. The hours are 8 a.m.–4:30 p.m. Monday–Thursday, and 8 a.m.–3 p.m. Friday. Some evening hours are also available. Contact us at (718) 990-6384. The Staten Island Center is located in Flynn Hall, Room 115. The hours are 8:30 a.m.–4:30 p.m. Monday–Thursday, 8:30 a.m.–3 p.m. Friday. Contact us at (718) 390-4451.

## Student Health Services

Facilities for treatment of sudden illness and accidents are available to members of the University community. On the Queens campus, registered nurses are available Monday–Thursday 8:30 a.m.–5 p.m. and on Friday 8:30 a.m.–3 p.m. in DaSilva Hall, Room 129. Contact us at (718) 990-6360. On the Staten Island campus, a nurse is available from Monday–Thursday 8:30 a.m.–4:30 p.m. and on Friday 8:30 a.m.–3 p.m. in the Campus Center, Room B19. Contact us at (718) 390-4447.

Nurses can refer patients to the University Physician, to another department or to an outside agency. Students are urged to consult the Student Health Services staff regarding their health concerns before their academic status is affected.

## Residence Halls and Off-Campus Housing

The University has on-campus residence halls on the Queens and Manhattan campuses. The Staten Island campus currently has apartment-style housing at the edge of the campus property. The Queens and Staten Island campuses maintain a listing of available local rentals and offer assistance in locating housing. The University does not inspect these facilities. The evaluation of suitability of any facility is the responsibility of the potential renter. Persons listing facilities with the University certify that they will accept any student registered at the University regardless of race, color or creed. The Off-Campus Housing Office on the Queens campus is located in the Residence Life Office, Donovan Hall; on the Staten Island campus in the Campus Center, Room B11; and on the Manhattan campus in the Office of Student Life, Room 465.

## International Student and Scholar Services

The International Student and Scholar Services Office, located on the Queens campus in St. John Hall, Room 116, assists international students and scholars in all matters related to their life at St. John's University and in the community, including: immigration assistance; orientation to life in the University, New York City and the American culture; counseling for financial, adjustment, personal, legal and other matters; advisement concerning taxes, medical insurance, Social Security, campus and community services; coordinating programs (social, travel, cultural, family visitation); documentation for foreign exchange, military waivers, enrollment certification; liaison with foreign consular offices, U.S. government agencies/departments and University offices.

## StormCard (ID cards)

Your StormCard must be carried and used as your PRIMARY means of identification while on St. John's University properties.

It must be presented or surrendered to all St. John's personnel who request it when acting within the scope of their official University duties.

Failure to comply with this type of request is a violation of the Student Code of Conduct and subjects the cardholder to disciplinary action.

Your StormCard is the property of the issuer and is non-transferable.

If you find a StormCard, please return it to any one of the Public Safety Offices.

If you lose your StormCard, please report it in person as soon as possible. If you are unable to come to campus, you may suspend your card through the UIS system; but will be required to come to a Public Safety Office listed below upon your return.

**Queens Campus:** (6281) in the R.O.T.C. outside of Gate 6.

**Manhattan Campus:** (212) 277-5155 on the first floor by the security desk.

**Staten Island:** (718) 390-4487 on the first floor inside Spellman Hall.

In all locations, you may receive a replacement StormCard 24 hours a day, 7 days a week.

For the replacement of a lost StormCard, there is an escalating fee which starts at \$25 initially and graduates to a maximum of \$100.

## The Language Laboratory

The Queens campus Language Laboratory, located in room B48 in the basement of St. Augustine Hall, is a brand-new state-of-the-art digital laboratory of 39 student stations equipped with PCs, keyboards and flat-screen monitors with listening, viewing and recording capability for audio and video files as well as CD ROMs. Students registered for classes levels 1 through 4 in one or several of the 14 languages currently offered at St. John's University are required to use the lab to practice and perfect their language skills in order to get full credit for their language course.

## Student Computing Facilities

St. John's University is committed to preparing its students with the technological skills necessary to meet the challenges of the 21st-century marketplace. Under the leadership of the Information Technology Division, the University is equipped to meet the instructional needs of students and faculty through state-of-the-art academic computing facilities. Students have access to facilities that consist of seven microcomputer laboratories, over 175 multimedia classrooms, microcomputer classrooms, and Library patron computers. Deployment of desktop computers to these facilities now totals over 900 Intel-based workstations and over 125 high-end Macintosh computers.

The University's state-of-the-art computer network enables each microcomputer to access a wide range of software, as well as electronic mail and the Internet through the World Wide Web. A variety of educational, business, statistical and other electronic information resources are accessible through the campus's high-speed Gigabit backbone with 100 Mbps Ethernet to each desktop computer. Internet connectivity is provided through a 100 MB link. Wireless connectivity is available at all five locations.

## Microcomputer Laboratories

The microcomputer laboratories now contain more than 300 Intel workstations and over 30 high-end Macintosh computers. Two of these labs are located on the Queens campus. Additionally, each of the following locations has one lab: Staten Island, Manhattan, Oakdale and Rome, Italy and Paris, France.

Many of the desktop lab computers are Intel Core 2 Duo 2.86 GHz platforms, DVD-RW and 2GB of RAM matched by LCD monitors, Windows XP operating system (OS), the MS Office 2007 suite as well as many other Windows-based applications. All the computers are connected to the STJ computer network, UNIX servers and Windows NT file servers.



Microlab / Classroom Macintosh computing resources consist of primarily MAC Pro's running Intel Xeon Quad core with 4 Gb of RAM, and running MAC OS 10.5. Wired and wireless printing facilities for both platforms consist of shared high-speed BW as well as color laser printers.

## Multimedia Classrooms

Of the total 177 multimedia classrooms, 128 are located on the Queens campus, 38 more are at the Staten Island campus and 6 are on the Manhattan Campus. Each multimedia classroom is equipped with a podium, faculty computer, a sound system and projection equipment that can be viewed by all the students. Faculty has the option of connecting and projecting the image from their laptop computers in all multimedia classrooms as well. The Oakdale campus has 2 classrooms and multiple mobile equipment carts that can be set up in any classroom. The Rome campus has 2 classrooms in which computing equipment is available upon request. The Paris Campus has one multimedia equipped classroom.

Although students do not have individual workstations, each multimedia presentation environment allows faculty to incorporate technology as a teaching tool to enhance the learning experience for their students. The Queens campus has five multimedia equipped/large capacity facilities. (Council Hall, Marillac Auditorium and the two St. Albert Amphitheaters and the Little Theatre). Additional classrooms will be equipped as multimedia classrooms in the future.

## Microcomputer Classrooms

Further, the Queens campus has 13 microcomputer classrooms and Staten Island has 6 that house both Intel Pentium and Macintosh computers. The Oakdale campus has 2 computer classrooms, the Manhattan campus has 2 combination computer labs/classrooms with the latest Intel-based hardware and the Rome campus has one of the same. Each microcomputer classroom at all five locations provides students with individual computers through which they are able to participate in hands-on training, and a faculty station which enables demonstration of software. Individual instruction for how to use the equipment in both Multimedia and Microcomputer classrooms can be obtained through Information Technology.

## Academic Computing Initiative

The Academic Computing Initiative has three primary components: The laptop program, campus wireless networks, and student portal (St. John's Central).

All incoming full-time first-time freshmen and transfer students receive a state-of-the-art laptop, software, and accessories from the University. The current model is the Lenovo Thinkpad X200 with a 2.4 GHz Intel Core 2 Duo Centrino Processor, 160 GByte hard

drive, wireless communications card, a 9-cell battery, and integrated camera. The laptops run Microsoft Windows XP Professional and Office 2007 Professional and are covered by a four-year warranty supported by repair centers on the Queens and Staten Island campuses.

The DaSilva Academic Center on the Staten Island Campus illustrates how IT facilities are being adapted for increased laptop usage. Podium Classrooms have been designed with a desktop as well as the capability to use video and sound from a laptop for faculty demonstrations. The DaSilva 109 and 110 Laptop Classrooms include desks, electrical hookups and network access that are optimized for student laptop usage. All campuses are also served by a Cisco wireless network. Currently the wireless network serves academic and common areas, classrooms, libraries, lawns and cafeterias, on all campuses.

St. John's Central is a one-stop web portal that makes University resources available to students from the Internet. It includes student productivity tools such as email and calendaring, communication tools like chats and discussion groups, and educational tools like course home pages, syllabi, library access, and course calendars.

## Microlab Hours (Queens campus)

**Sullivan Hall Microlab\***  
Sullivan Hall, First Floor  
(718) 990-6672  
Sunday–Thursday: 7 a.m.–2 a.m.  
Friday–Saturday: 7 a.m.–11 p.m.

**Marillac Hall Microlab\***  
Marillac Hall, Second Floor  
(718) 990-6748  
Monday–Thursday: 7 a.m.–9 p.m.  
Friday: 7 a.m.–6 p.m.  
Saturday: Closed  
Sunday: Closed

For Staten Island microcomputer lab hours, please call (718) 390-4498.

\*Please note: Lab hours are subject to change during intersession.

## Speech and Hearing Center

The Speech and Hearing Center, under the direction of Donna Geffner, Ph.D., CCC–Sp/A, has offered diagnostic and therapeutic services for communication disorders since 1976. Located off the Queens campus on Union Turnpike, the Center serves Queens, Long Island and the metropolitan New York community. The population ranges from infants to adults. The Center's staff consists of ASHA certified and New York State licensed professionals who work with each client to completely evaluate and assess the

communication disorder as well as design intervention strategies for a therapy program. Therapy sessions are scheduled on a semester basis according to the Academic Calendar. When indicated, referrals are made to other appropriate agencies.

The Center serves as a training site for St. John's University students enrolled in the Speech–Language Pathology and Audiology Program. Therapy is provided by professionals and by students under direct supervision. The Center is a fully equipped, modern facility, housing the latest diagnostic, therapeutic materials and instrumentation. Two complete audiometric suites are on site to provide audiological evaluation and hearing aid fitting.

Speech–Language Pathology Services include evaluation and therapy for articulation, voice, language, stuttering, aphasia, learning disabilities and neurological disorders; and improvement of voice and diction for speakers with foreign accent/ESL or regional speech patterns. Social skills training groups are provided. Consultation and referral sources as well as conference visits to schools/agencies are also available.

The Audiology Services include audiological evaluations, such as pure tone and speech audiometry, impedance and site of lesion testing; brainstem-evoked response testing; hearing aid evaluation and orientation; aural rehabilitation evaluation and training; early childhood testing; central auditory processing testing and otoacoustic emission testing. The Center provides free screenings on site and off-site for a reasonable fee and a free hearing aid help clinic on designated days. Call for fees (718) 990-6480.

## Student Affairs/Student Life

The commitment made by the University to the education of the individual recognizes the student not merely as a recipient of knowledge, but as a responding individual preparing for a larger social framework beyond the University. The Division of Student Affairs provides the professional expertise necessary for the promotion of interpersonal social skills, leadership abilities and exposure to events and experiences that enhance total growth of the individual. The Division Office is located with the Vice President of Student Affairs in the Student Affairs Suite in Bent Hall (Garden Level) on the Queens campus. The Division is responsible for the overall supervision of Student Life, Residence Life, Student Wellness (Counseling, Health Services and Alcohol and Other Drug education) and the Career Center.

The Department of Student Life, Queens campus, is located in the Student Affairs suite, and the University Center. The department maintains responsibility for student development programs, new student orientation, campus activities, volunteer/service learning, campus recreation and intramurals, the Peer Mentoring project, Residence Life, and off-campus housing.

In addition, the Student Life staff supervises various student services, such as organization mail boxes, ticket sales for on-campus events, and locker rentals. They also work closely with student clubs and organizations including fraternities and sororities. The Dean of Students is located in Bent Hall and oversees student discipline in non-academic affairs.

The Department of Student Life, Staten Island campus, is located in the lower level of the Campus Center, the Campus Center Gymnasium and the second floor of the Kelleher Center. The department maintains responsibility for coordination of student development programs, new student orientation, campus activities, volunteer/service learning, Greek affairs, intramural and recreational activities, leadership training and values education, as well as Residence Life and off-campus housing.

Staten Island Student Life staff supervise various student services, including the Activity Grant-In-Aid Program, character references, ticket sales for on-and off-campus events and overall supervision of the Campus Center. Student Life also oversees student discipline in non-academic affairs.

## University Libraries

The St. John's University Libraries commit themselves to the teaching and learning processes by providing information resources, instructional services, and other support in the most effective formats for University programs and student and faculty research. The libraries are comprised of three major libraries on three campuses (Queens, Staten Island, Manhattan), and additional collections at the Rome and Oakdale Campuses. St. John's University School of Law separately maintains the Rittenberg Law Library on the Queens Campus. Together these libraries contain the equivalent of nearly one million volumes of books, periodicals, government publications, microform and audiovisual materials which support the undergraduate and graduate programs of the University. Cultural and recreational materials are also available.

**The Main Library**, completely renovated in the summer of 2008, is a selective depository for United States government documents, and houses Special Collections, the University Archives, an Instructional Materials Center, and a Media Center. The Main Library also oversees the Chin Ying Asian Library located in the Sun Yat Sen Center building.

**The Loretto Memorial Library** on the Staten Island Campus houses over 130,000 volumes including periodicals, microfilm materials and a collection of recorded music, poetry and plays.

**The Davis Library** on the Manhattan Campus maintains one of the finest collections of contemporary and historical insurance materials in the country.

An instructional program provides learning, in a variety of formats, for information literacy appropriate to undergraduate study and as preparation for lifelong learning.

Both wired and wireless access is available throughout the libraries, connecting users to thousands of online journals (many in full text) and monographs, as well as to the library catalogs of St. John's and other consortial libraries. All electronic resources are available off-campus to authenticated St. John's users. Cooperative arrangements with other libraries provide regional, national and international access to materials.

## University Freshman Center

The University Freshman Center's purpose is to fulfill the commitment made by St. John's University to mentor and guide first-year students and their families through the student's transition from high school to college. Our goal is to welcome each and every student into the St. John's community, and assist them with their overall transition, acclimation and integration into the University setting. We accomplish this by helping first-year students achieve a connection and a feeling of belonging to the University.

The University Freshman Center provides first-year students with their own personal professional advisor. The advisor will focus on providing the student with the knowledge and support needed in making those decisions concerning their academic program, career goals, personal and financial concerns. The University Freshman Center will act in conjunction with, and on the behalf of, each new student from the time they make their initial entry into the institution to the time they reach their sophomore year.

The University Freshman Center takes pride in "going the extra mile" for the newest members of our University community. Our Center is committed to ensuring that every first-year student receives the necessary tools to become responsible and is prepared to take charge of their own academic career. For any additional information regarding the University Freshman Center, please call (718) 990-5809.

As a Catholic university, St. John's is challenged to embody academic excellence. According to Pope John Paul II in the apostolic constitution *Ex Corde Ecclesiae* and the U.S. bishops in their document *Catholic Higher Education and the Pastoral Mission of the Church*, Catholic universities must give their students the highest quality liberal education. For undergraduates, we believe this is best achieved through a unified Core Curriculum. The University Core Curriculum serves as a platform for excellence in the liberal arts and sciences, professional programs of study, and lifelong learning.

## Rationale for a University-Wide Core Curriculum

The rationale for a University-wide Core Curriculum flows from several key elements of the Mission Statement, which declares that St. John's University is (1) Catholic, (2) Vincentian, and (3) metropolitan.

Specifically, the University Core Curriculum reflects the Catholic, Vincentian and metropolitan nature of the institution in the following ways:

1. The courses of the Core Curriculum at St. John's, in the best of Catholic tradition, enrich the study of the arts and sciences with the perspectives and traditions of the Catholic faith and encourage students of all faiths to seek truth in a universal spirit of openness.
2. The courses of the Core Curriculum at St. John's reflect the Vincentian tradition of a values-oriented worldview. This means that in its design and execution, the Core Curriculum makes conscious efforts to promote global harmony and human development and in the spirit of St. Vincent de Paul, reflects sensitivity to and concern for those who lack advantages.
3. St. John's University is proud of its role as an institution of higher education in New York City, a global center of ideas and cultures. The courses of the Core Curriculum draw on the rich resources that the city and its surrounding area have to offer.

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## Purpose of the Core

The purpose of the Core Curriculum is to provide a unified educational experience that characterizes St. John's students and provides them with the knowledge and skills necessary to become educated members of society. The Core consists of 27 common credits that are taken by every St. John's student, regardless of college or major field of study, and a minimum of 21 Distributed Core requirements that vary by college or program of study.

The Core is divided into two groups: Common Core and Distributed Core. The distinction does not imply difference in importance, but reflects the diversity of programs of study.

## Courses of the Common Core

### **Discover New York** (3 credits)

DNY is an introduction to New York City through the lens of a particular academic discipline. The course focuses on the themes of immigration, race/ethnicity, religion, wealth and poverty and the environment. Students are required to take field trips as a part of their study.

### **English Composition: Critical Analysis in Reading and Writing** (3 credits)

In this writing-intensive course, students read a variety of essays, analyzing them for content, structure and language. Analysis and synthesis in both reading and writing about a variety of subjects are required. Research techniques are studied, and a research paper is required.

### **English: Literature in a Global Context** (3 credits)

This writing-intensive course examines literature from a global perspective. While familiarizing students with literary genres and text, the course introduces students to writing and critical thinking about culture, cultural difference and social values.

### **History: The Emergence of Global Society** (3 credits)

The global dissemination of the scientific, technological and industrial revolutions and the spread of world religions, democracy and internationalism lead to the emergence of modern society. The impact of Western cultural, economic, and technical domination and globalization as a historical force are examined.

### **Philosophy: Philosophy of the Human Person** (3 credits)

What does it mean to be a human person? This course places special emphasis on the nature of human freedom, consciousness and cognition, and the origin and significance of life. Central to the course is a discussion of the spirituality, immortality and dignity of the human person. The course begins with an introduction to philosophy and critical thinking.

### **Philosophy: Metaphysics** (3 credits)

Metaphysics addresses the ultimate principles of knowing and being. Central questions are considered: Is there evidence of God's existence, and correspondingly, is there a solution to the problem of evil? This course also considers traditional metaphysical aspirations in the context of contemporary challenges from the physical and social sciences.

### **Scientific Inquiry** (3 credits)

This course introduces students to the fundamental processes of science through the exploration of specific topics in modern science. Students can choose from a number of different investigations (historical and logical sequences in the development of a major idea) including those into atomic theory, energy, environmental science, evolution, geoscience and quantum mechanics.

### **Speech: Fundamentals of Public Speaking** (3 credits)

Students learn to apply the basic principles of purposive speaking with primary emphasis on extemporaneous public speaking.

### **Theology: Catholic Perspectives on Christianity** (3 credits)

This course introduces Christianity, highlighting belief statements, practices, scripture, rites, theological writings, artistic expressions and other discourses manifesting and expressing the Catholic perspective of the Christian faith.

## Courses of the Distributed Core

1. EITHER two courses in a second language OR Creativity in the Fine Arts AND Language and Culture (6 credits)
2. Mathematics (3 credits)
3. Philosophy (Ethics) (3 credits)
4. Theology (6 credits) (including one course in Moral Theology)
5. Social Sciences (3 credits)

Individual colleges may require additional Distributed Core courses. All requirements are listed on the Core Curriculum Website. Students should see their Academic Advisors for assistance in choosing courses of the Distributed Core.

# St. John's College of Liberal Arts and Sciences

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

**Nicholas M. Healy**, G.G.S.M. (Lond.); M.A., M. Phil.; Ph.D.; *Associate Dean; Professor of Theology and Religious Studies*

**Joyce Lawlor**, B.A., M.L.S.; *Associate Dean*

**Kelly A. Rocca**, B.A., M.A., Ed.D., *Associate Dean; Staten Island Campus; Associate Professor of Communication*

**Maria Allegratti**, B.S., M.S.Ed.; *Assistant Dean, Staten Island Campus*

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

**Ekaterini N. Georgiadis**, B.A., M.A., *Assistant Dean*

**Marilyn Nemzer**, B.A., M.S.Ed., P.D., *Assistant Dean, Staten Island Campus*

**William M. Nieter**, B.A., M.A., M.S. Ed., *Director, Environmental Studies Program; Assistant Dean*

**Andres Laurito**, B.A., M.S. Ed., *Assistant Dean*

**Eileen Larson O'Connor**, B.S., C.P.A., *Director of Planning*

## St. John's College has three office locations.

On the Queens campus the undergraduate office is located in St. John Hall, Room 145 (718) 990-6271; the graduate division in St. John Hall, Room 135, (718) 990-6243; on the Staten Island Campus the office is located in Flynn Hall, Room 102, (718) 390-4300.

## Objectives

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.

## Academic Advisement

The responsibility for arranging an appropriate program and for meeting all degree requirements rests with the student. Academic advisement is offered to assist students in meeting this responsibility. Advisors give special attention to the student's academic progress and adjustment to college; they offer direction to the student regarding specific major/minor/Core Curriculum and/or degree requirements, appropriate use of electives and career goals/opportunities.

All freshmen should report to the Freshman Center for advisement. Undecided sophomores should consult the Dean's Office for assignment to an advisor. Declared sophomores, juniors and seniors should consult their respective departments to be assigned to an advisor.

## 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, Bachelor of Fine Arts and Associate in 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\*++  
Communication Sciences Disorders++  
(Speech-Language Pathology and Audiology)  
Economics  
English\*  
Environmental Studies++  
French++  
Government and Politics\*  
History\*  
Italian++  
Mathematics\*  
Philosophy  
Psychology\*  
Public Administration and Public Service++  
Rhetoric and Public Address  
(Speech-Public Address)  
Social Studies+  
Sociology\*  
Spanish\*++  
Theology\*

### Bachelor of Science

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

### Bachelor of Fine Arts++

Fine Arts  
Graphic Design  
Illustration  
Photography  
Notes: \*Combined B.A./M.A. 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. Students must have the written permission of the department offering the minor.
4. 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.
5. The Pass-Fail Option is not available in the fulfillment of minor requirements.
6. Students should schedule an interview at least once a year with their minor advisor.
7. The successful completion of a minor (with a minimum index of 2.0) will be noted on students' transcripts.
8. 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: HIS 3400 (required) and four courses, representing at least three different disciplines, selected from the following: HIS 2300, 2301, 2302, 3410, 3711, 3712, 3850; ENG 3300, 3390, 3470; GOV 2480, 2750, 3680; ANT 2450; ART 1830; FRE 3820; MUS 1300; PSY 2230, SOC 2450.

### Women's Studies

18 semester hours chosen from among these courses with no more than six hours in any one discipline. ART 2770 Women in the Arts; ART 1840 Sexism in Cinema; CLS 1240 Women in the Ancient World; ENG 3350 American Women Writers to 1900; ENG 3570 Women and Literature; GOV 1280 Feminism and Politics; HIS 3140 History of Sexuality; HIS 3300 Women in Latin American History; HIS 3562 Women in Modern Europe; HIS 3731 Women in America I; HIS 3732 Women in America II; MFL 2121 Women Writers in France; PHI 2330 Introduction to Feminist Philosophy; PHI 3580 Major Women Philosophers of the 20th Century; PSY 2240 Psychology of Women,

SOC 1150 Sociology and Family; SOC 1570 Gender, Violence and Cinema; SOC 2430 Women and Men in Everyday Life; SOC 2440 Gender Identity in Popular Culture; SOC 4990 Seminar: Feminist Social Theory; THE 3240 Women and Theology.

### **Multicultural and Multiethnic Studies**

18 semester hours: ANT 1010, ANT 1050, SPE 1155/ANT 1150; additional nine semester hours from courses relating to culture/civilization, each course from a different region of the world: Asia, Africa, Latin America and the Caribbean, Middle East and Europe. 15 credits must be outside of the student's major. Courses applicable to the minor:

**Asia:** ASC 2210, 2220, 1230, 1250, 1300, 1310, 3460, 3470, 1480, 1490; ASC 2500/HIS 2310, ASC 2510/HIS 2312; ASC 1790/THE 2830, ASC 1800/THE 2840; ASC 2710/GOV 3710, ASC 2720/GOV 3720; SOC/ANT 2410, ANT 2760; PHI 3590

**Africa:** ENG 3330; HIS 2302; FRE 3820; GOV 3680 Latin America and the Caribbean: GOV 2690, 2750, 2760; HIS 2331, 2332; FRE 3820; SPA 3100, 3560, 3700, 3730, 3740

**Middle East:** GOV 3820; THE 2850, 3850

**Europe:** GOV 2650, 2660; FRE 3090, 3100, 3300, 3550, 3560, 3600, 3630, 3650, 3670, 3690; GER 3090, 3100, 3550, 3560; HIS 3511, 3512, 3652, 3653; ITA 3090, 3100, 3550, 3560; RUS 3090, 3100; SPA 3090, 3550, 3610, 3770, 3780; MFL 1040; ENG 3540

### **New York Studies**

18 semester hours: DNY 1000C (required) and 15 remaining credits from among the following Ant 4820, Art 1020, BLW 1040, TVF 1740, Eco 1019, ESP 1050, Gov 2470, 2480, History 3760, 3770, RCT 2090, Soc 1220, 1080, 2460, 2630 1011, 1190, 1021 The 3320 (No more than six credits can be from mini-session courses; No more than six credits can be from any one discipline.)

### **Social Justice: Theory and Practice in the Vincentian Tradition**

18 Semester hours: THE 2320 (required); Three credits from PHI 2200, PHI 2240, or THE 2300; Three credits from SOC 1190 or ECO 1320; and the Integrating Interdisciplinary Seminar in Social Justice (required); and six credits chosen from among the following: ART 1830, BIO 1360, CRJ 3005, ECO 1024, ESP 2160/GOV 2160, ESP 2170/GOV 2170, GEO 2001, GOV 3850, HIS 3120, HIS 3780, HIS 3110, HIS 3740, LES 1018, LES 1023, LES 1024, PHI 3720, PSY 1019, SOC 1070, SOC 1590, SOC1170C, SOC 2100, SOC 2460, SPE 2060, SPE 3150, THE 3310, THE 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	2
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 Fine arts 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. Only courses with grades of C or better will be considered for transfer. Transfer students must also schedule an interview to plan their academic program. Students applying to the Queens campus should call the Dean's Office at (718) 990-6271. Students applying to the Staten Island campus should call the Dean's Office at (718) 390-4300.

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.

### **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/CLEP**

St. John's College awards Advanced Placement and college credit to those entering freshmen who earn a requisite score on the College Entrance Examination Board's 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. An AP score of 3 or better is required for credit to be awarded. However, some departments including English, Biology, Chemistry and Mathematics may require higher scores for certain examinations and major requirements. With respect to Advanced Placement 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 for Advanced Placement credit. 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. Advanced Placement 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 of Advanced Placement credit 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 ordinarily 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 ever 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.

## External Language Credits and Requirements

The Language and Literatures Department does not accept AP, CLEP or credit in the International Baccalaureate in lieu of the St. John's College two-semester language requirement. The department may accept up to six credits of AP or credit in the International Baccalaureate that is deemed appropriate for major or minor sequences. Up to six credits from CLEP may be counted towards a minor sequence but may not be applied to a major sequence. All CLEP credit and exams must be completed before a student registers for language courses at St. John's University.

## 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. The new grade does not replace the F that was previously earned, but is averaged into the student's cumulative grade point average. To remain in good academic standing, a student must maintain a minimum cumulative grade point average of 2.0 overall and in the academic concentration. A student who fails to meet these standards is placed on academic

probation and limited to a program of 12 credits (four courses) maximum until he/she attains satisfactory academic standing. The minimum acceptable performance for continued study at St. John's College is a cumulative index of 1.5 at the end of the first year, 1.75 at the end of the second year and 1.9 at the end of the third year. A cumulative and major grade point average of 2.0 is required for graduation.

## 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. There is no penalty for absence from class considered in itself. Students are, however, responsible for all announced exams and for submitting all assignments given in class at the proper time. Ignorance of such exams and assignments is not an acceptable excuse for failure to complete them. Individual faculty members determine if a student is to be given a make-up examination as stated within their course outlines and requirements.

Several types of courses, such as foreign language courses, English composition courses, science laboratories, language laboratories, art studios and speech performance-oriented courses are not covered under this general policy and do have specific attendance requirements. Students are responsible for following the attendance requirements of any course for which they are enrolled.

## Pass-Fail Option

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

This 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, with the total during the three years, including summer sessions, 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 made on-line through the St. John's College Dean's Office. 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 who 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 exam. If permission is granted a make-up will be scheduled and a fee of \$40 must be paid to the Bursar prior to the scheduled make-up date. The make-up fee may be waived at the discretion of the Dean. 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. or B.S./M.S. programs must register with the approval of their Department Advisor and the Graduate Division.



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## Other Academic Policies

Credit 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 Association of Colleges and Schools) 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.

Students must complete at least one major sequence and may opt to complete more than one sequence or one or more minors. Students may take up to 12 credits in additional major courses. 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 College. With permission of the Dean's office students may be allowed to take courses at other accredited institutions. Students must provide a written request including the course title and description, the institution and the proposed timeframe. 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.

For all students, including both internal and external transfer students, a maximum of 18 credits of professional courses (education, business, computer science, pharmacy science, etc.) may be applied to the degree. Students in an approved adolescence education program leading to teaching certification may take up to 36 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

**Delta Sigma Rho-Tau Kappa Alpha:** Forensics

**Epsilon Delta:** Speech Communication Arts and Public Address

**Gamma Kappa Alpha:** Italian

**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 Dean of the College in consultation with 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 Boxhill 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 graduates in the government and politics, the public administration and the public service majors.

**The Charles Lacaille Award** is presented to two 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 Mathematics

B.A./M.A. in Psychology

B.A./M.A. in Sociology

B.A./M.A. in Spanish

B.A./M.A. in Theology

B.S./M.S. in Biomedical Engineering

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 the University and departmental requirements of 126 credits for the bachelor's 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 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 (including the Core requirements) and a 3.5 index in 12 credits applicable to the major. Incoming freshmen may apply for provisional admission to one of the bachelor's/master's programs. Students should consult the St. John's College Dean's Office for additional qualification/application information.

### B.A. 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 a B.A. 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.*



## Bachelor Degrees leading to Adolescent Education Certification

Students in selected major fields can opt to include 36 credits in Adolescent Education courses in conjunction with their major requirements. Students graduate with a Bachelors degree in the major field and may be certified by New York State to teach if they fulfill all other certification requirements. For information about NYS certification exams and other 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 36 credits in professional education courses:

EDU 1000	3 credits
EDU 1002	3 credits
EDU 1008	3 credits
EDU 1011	3 credits
EDU 1012	6 credits
EDU 1013 or 1014	6 credits
EDU 1015	3 credits
EDU 1022	9 credits

## Evening and Weekend Degree Programs

In recognition of the special needs and obligations of students who are full-time members of the workforce, St. John's College offers several evening and weekend undergraduate degree programs on the Staten Island campus. Evening and weekend degree programs offer B.A. degrees in English and Psychology.

Class times are arranged in consideration of full-time employment schedules. For additional information, interested students should contact the Staten Island Dean's Office.

## Independent Study

Qualified students may pursue independent study in their major field or a field related to their concentration. Directed and supervised by faculty members, students may study selected topics and/or undertake special projects not usually available in the course offerings curriculum. Interested students should consult the bulletin section relevant to their major, and contact the department chairperson

## 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.

## Three-Year Baccalaureate Program

The highly selective Three-Year Baccalaureate Program leads to the traditional bachelor's degree in three rather than four years. Admitted students complete 96 credits for their degree. No summer study is normally needed. This accelerated program is available to all qualified B.A./B.S. students, but is not open to students pursuing a B.F.A. degree. Mathematics and Science students must consult the Dean to discuss special program needs. All interested students should consult their campus Dean's Office prior to applying to the University.

## Institute of English as a Second Language

For program information, consult the Languages and Literatures Department section of this bulletin.

## The Online Program

The Online Program offers flexibility in work and study schedules and reduces 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 with World Wide Web and e-mail accessibility. Students wishing to participate from home must own a personal computer. For additional information regarding online courses, consult the Chair of the department.

## Pre-Professional Advisory Programs

### Pre-Law Advisory Program

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 legal studies. Interested students should contact their campus Dean's Office.

### Arts and Sciences Pre-M.B.A. Program

The Pre-M.B.A. Program, which includes professional business courses, gives St. John's College undergraduate students the opportunity to fulfill the course requirements for entrance into the Graduate Division of The Peter J. Tobin College of Business. After completing the bachelor's degree program requirements (with an average of at least 3.0), students may apply for direct admission into

the M.B.A. program. For specific program requirements/application procedures, students should contact their campus Dean's Office.

*Note: The Pre-M.B.A. Program is not applicable to the M.B.A. in Accounting.*

## Pre-Health Studies/Pre-Health Advisory Committee

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.

St. John's College of 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 medical, dental and osteopathic colleges, and helps them develop the personal qualities necessary for these medical 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. For additional information, interested students should contact Dr. Jay Zimmerman, Coordinator, Pre-Health Professions Advisory Committee, St. Albert Hall (Q).*

## 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 area of concentration. 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

### University Common Core Courses:

Discover New York	3
English 1000C	3
English 1100C	3
History 1000C	3
Science 1000C	3
Philosophy 1000C	3
Philosophy 3000C	3
Theology 1000C	3
Speech 1000C	3
	27 credits

### University Distributed Core Courses:

Foreign Language	6
Mathematics 1000C	3
Philosophy 2200C	3
Theology 2000 level	3
Theology 3000 level	3
Social Sciences	3
	21 credits

### St. John's Core Courses:

Art or Music and	3
Core Elective	3
Core Elective	3
Core Elective	3
(in three different fields outside of major area)	12 credits

**Major Requirements:** 33 to 49 credits  
(see departmental pages for specific details)

**General Electives:** 17 to 33 credits

**Graduation total:** 126 credits minimum

## Bachelor of Science Core Curriculum and Major Requirements

### University Common Core Courses:

Discover New York	3
English 1000C	3
English 1100C	3
History 1000C	3
Philosophy 1000C	3
Philosophy 3000C	3
Theology 1000C	3
Speech 1000C	3
	24 credits

### University Distributed Core Courses:

Foreign Language	6
Philosophy 2200C	3
Theology 2000 level	3
Theology 3000 level	3
Social Sciences	3
	18 credits

### St. John's Core Courses:

Art or Music and	3
Core Elective	3
Core Elective	3
(in two different fields outside of math/science)	9 credits

**Major Requirements:** 33 to 49 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	32 credits
Chemistry	45–48 credits
Env. Studies	50 credits
Mathematics	55 credits
Physics	23–37 credits

**General Electives:** 7 to 23 credits

**Graduation total:** 126 credits minimum

## Bachelor of Fine Arts Core Curriculum and Major Requirements

### University Common Core Courses:

Discover New York	3
English 1000C	3
English 1100C	3
History 1000C	3
Science 1000C	3
Philosophy 1000C	3
Philosophy 3000C	3
Theology 1000C	3
Speech 1000C	3
	27 credits

### University Distributed Core Courses:

Foreign Language	6
Mathematics 1000C	3
Philosophy 2200C	3
Theology 2000 level	3
Theology 3000 level	3
Social Sciences	3
	21 credits

### St. John's Core Courses:

None

### Fine Arts Major Requirements:

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

(see fine arts departmental pages for specific requirements regarding portfolios and internships)

**General Electives:** None  
**Graduation total:** 132 credits minimum

## Art/Fine Arts (ART)

### B.F.A. Major Sequences

#### Fine Arts

84 semester hours including: ART 1110, 2120, 1130, 1200, 1210, 2220, 2230, 2310, 2320, 1510, 2520, 1710, 1720, 2750, 2790; one course from ART 3240, 3330, 2530; 4909 (nine-credit internship), or 4125 (nine-credit Creative Thesis); plus 27 elective credits from the approved ART elective list as recommended by department advisor.

#### Graphic Design

84 semester hours including: ART 1110, 2120, 1130, 1200, 2220, 2310, 1510, 1710, 1720, 2750, 1105, 1115, 2115, 2125, 2145, 3125, 3110, 3115, 3105, 3350; one course from ART 2310, 2320, 3330, 3340; 4909 (nine-credit internship) or 4125 (nine-credit Creative Thesis), plus 12 elective credits from the approved ART electives list as recommended by department advisor.

#### Illustration

84 semester hours including: ART 1110, 1130, 1200, 1210, 2220, 2230, 2310, 1510, 1710, 1720, 2750, 1105, 1270, 2280, 3115, 3110, 2145; 4909 (nine-credit internship) or 4125 (nine-credit Creative Thesis), plus 24 elective credits from the approved ART electives list as recommended by department advisor.

#### Photography

84 semester hours including: ART 1110, 1610, 1620, 1660, 1105, 1630; 12 credits in ART electives; six credits in Art History electives; 30 credits in Photography at the International Center of Photography (ICP) (one academic year); 4909 (nine-credit internship) or 4125 (nine-credit Creative Thesis) plus nine elective credits from the approved ART electives list as recommended by department advisor.

### Minor Sequences

#### Art

21 semester hours: ART 1110, 1130, 1200, and four courses from approved ART electives list in consultation with department advisor.

#### Art History

21 semester hours: ART 1710, 1720, 2750. Three ART history elective courses (for a total of 9 credits) selected from ART 1660, 1770, 2740, 2790, 1730, 2760, 2770, 1790, 1020, 2730, or 1780. One studio course selected from ART 1110, 1610, 2120, 1200, 2310, 2320, 1410, 1510, 1080, 1060, 1070, 2250.

#### Graphic Design Minor

21 semester hours: ART 1105, 1115, 2125, 3115, 2145 and one course selected from ART 1630, 1610, 3640, 1080, and one course selected from ART 1110, 1130, 3350, 1510, 2115, 2130, 1135, 2135, 3120, 1670, 1370, 2250.

#### Photography

21 semester hours: ART 1610 or 1080, 1620, 2650, 1660, 1630 and two courses selected from ART 1110, 1105, 1115, 3640, 1510, 1810, 1820, 1135, 2135, 1670, 1790.

#### Music

18 semester hours including: MUS 1010, 1020, 1210; any three credits from piano/voice/organ, and two elective courses from MUS 1070, 1080, 1230, 1240, 1250, 1260, 1300, 2020. Note: Approved ART electives list is available upon request in the department office.

#### Musical Theatre

18 semester hours including: nine semester hours in SPE 1510 or 1530, 1540, MUS 1260; three semester hours in Voice (MUS 1620,\* MUS 1630); six semester hours chosen from among SPE 1580, SPE 2540, SPE 1520, SPE 1590, MUS 1070, MUS 1230, MUS 1240.

\* MUS 1620 may be repeated twice.

## Art/Fine Arts Course Offerings (ART)

### Non-Major Art Courses

#### 1000C Creativity and the Arts

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, \$30.*

#### 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. *Studio. Credit: 3 semester hours. Studio fee, \$30.*

#### 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, \$30.*

#### 1030 Understanding Art

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, \$30.*

#### 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, \$30.*

#### 1060 Watercolor Workshop (Mini-Course)

An intensive course in the watercolor medium for the non-major. Projects are structured to teach students visual sensitivity and creativity. *Credit: 3 semester hours. Studio fee, \$30.*

#### 1070 Printmaking Workshop (Mini-Course)

An introduction to woodcut, etching and lithography for the non-major. Projects are structured to teach students visual sensitivity and creativity. *Credit: 3 semester hours. Studio fee, \$30.*

#### 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. The fundamentals of black and white photography and its creative uses are explored. Applicable to major/minor sequences with written permission of the chairs. 35 mm camera required.

*Credit: 3 semester hours. Studio fee, \$30.*

#### 1085 Introduction to Photography

An introduction to the tools, techniques and creative aspects of the photographic medium, for non-majors. *Credit: 3 semester hours. Studio fee, \$30.*

#### 1086 Intermediate Photography

*Prerequisite: ART 1085 or 1080.*

An exploration of intermediate, techniques, aesthetics, criticism and processes of photography. *Credit: 3 semester hours. Studio fee, \$30.*

#### 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, \$30.*

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## 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, \$30.*

### 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, \$30.*

### 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, \$30.*

### 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, \$30.*

### 1135 Computer Graphics

An introductory course exploring the history of computers, hardware, software evolution and the use of computers in the visual arts as a design tool. For the non-major. Emphasis is placed on the use of computers to solve design problems. *Credit: 3 semester hours. Studio fee, \$30.*

### 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, \$30.*

### 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, \$30.*

### 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, \$30.*

### 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 \$30.*

### 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, \$30.*

### 1370 Aqueous Media in Paris (Abroad)

An introduction to water-based painting using the architecture, people and landscape of France as subject matter. *Studio. Credit: 3 semester hours.*

### 1510 Relief and Intaglio Printmaking (Printmaking I)

An introductory course to the basic printmaking media. Fundamentals of relief printmaking are explored through the woodcut and linoleum cut. *Credit: 3 semester hours. Studio fee, \$30.*

### 1610 Photography I

An introduction to the camera and the fundamentals of black and white photography. Emphasis is on developing self-expression through creative photographic assignments and critiques. *35 mm camera required (preferably SLR). Credit: 3 semester hours. Studio fee, \$30.*

### 1620 Photography II

*Prerequisite:* ART 1610 or 1080. A continuation of ART 1610. Developing, printing and enlarging techniques are refined and applied to the specific needs of students. *35 mm camera required (preferably SLR). Credit: 3 semester hours. Studio fee, \$30.*

### 1630 Digital Photography

*Prerequisite:* ART 1105. An introduction to digital photography including an in-depth look at the central features and functions of Adobe Photoshop. *Credit: 3 semester hours. Studio fee, \$30.*

### 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. Art and techniques of photography applied to an aesthetic visual study of people, culture and landscape. *35 mm camera required (preferably SLR). Credit: 3 semester hours.*

### 1710; 1720 The History of Art I; II

A historical survey of the painting, sculpture, architecture, and (to some extent) crafts of Western man from prehistoric to contemporary times. *Credit: 3 semester hours.*

### 1730 Pre-Columbian Art

A survey of the art and culture of selected civilizations of the ancient Americas, including the Aztec, Inca, Maya and Taíno. *Credit: 3 semester hours.*

### 1740 Modern Architecture

The history of architecture and urban planning predominantly in the United States and Europe from the mid-19th century to the present. The development of architecture in relation to political, economic, and social histories will be addressed. *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)

A European study of the visual arts of the Renaissance in Italy. This course may be substituted for any course in the ART history sequence except ART 2750. *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. Fee, \$30.*

**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. Fee, \$30.*

**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. Fee, \$30.*

**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. Fee, \$30.*

**2115 Graphic Production**

Continued exploration and exposure to the craftsmanship, terminology and technology necessary in the production of print media. Emphasis is on producing projects, from concept to camera-ready art, using the computer programs relevant to the field. *Credit: 3 semester hours. Studio fee, \$30.*

**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, \$30.*

**2125 Typography**

Exposure to the study of typography as visual communication tool. Experimental studies and related problems involving the fundamentals of type, theory, application, technology and history. *Credit: 3 semester hours. Studio fee, \$30.*

**2130 Motion Graphics**

*Prerequisite:* ART 1115 or ART 1105. 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, \$30.*

**2135 Advanced Computer Graphics**

An advanced course in computer graphics provides the opportunity to produce portfolio quality computer-generated graphics as it applies to print and television media using the Macintosh and IBM Graphic Workstations. For the non-major. *Credit: 3 semester hours. Studio fee, \$30.*

**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. *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, \$30.*

**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, \$30.*

**2240 Drawing for Illustration**

A course designed to the development and application of drawing skills relative to creative illustration problems. *Credit: 3 semester hours. Studio fee, \$30.*

**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, \$30.*

**2310 Aqueous Media (Painting I)**

An introduction to painting with an emphasis on developing sensibility and knowledge of color theory in its application to the painting process. *Credit: 3 semester hours. Studio fee, \$30.*

**2320 Composition in Painting (Painting II)**

*Prerequisite:* ART 1200. While concerned with compositional issues, this course is a concentrated investigation aimed at painting the figure in a representational mode. *Credit: 3 semester hours. Studio fee, \$30.*

**2340 Painting in Italy (Abroad)**

An Introduction to the medium of painting with an emphasis on developing a knowledge of color theory and its application to the painting process. Painting on-site with the ancient city of Rome and the surrounding countryside as a setting, focus is on developing structure in composition and sensitivity to light and atmosphere. Lectures and museum visits help students understand the cultural context of the work of Italian ancients, modernist and European and American painters in Italy. *Credit: 3 semester hours.*

**2430 Figurative Sculpture**

An introduction to the principles and practices of figure sculpture. *Credit: 3 semester hours. Studio fee \$30*

**2520 Printmaking II**

*Prerequisite:* Art 1510, 1130,1210. A course designed to explore the various Intaglio printmaking processes in more depth. *Credit: 3 semester hours. Studio fee, \$30.*

**2530 Printmaking III**

*Prerequisite:* Art 1510,1130,1210. A course in the basic processes of metal plate and stone lithography. Surface preparation, various methods of image-making, etching procedures and printing are studied. *Credit: 3 semester hours. Studio fee, \$30.*

**2650 Documentary Photography**

*Prerequisite:* Art 1610. Documentary approaches to photographing people, places and events; creation of photographic images that articulate a vision of social and interpersonal issues. Service-Learning component. 35mm camera required (preferably SLR). *Credit: 3 semester hours. Studio fee, \$30.*

**2740 European Art-19th Century**

The course begins with an examination of Neo-Classicism as the harbinger of the Romantic Rebellion in the late 18th century before moving on to a survey of the painting, sculpture and architecture of the 1800s ending with Post-Impressionism. *Credit: 3 semester hours.*

**2750 Twentieth-Century Art**

A review of the Post-Impressionism and a survey of the painting, sculpture, architecture and newer media that thrived in the twentieth century. *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 intensive encounters between people of radically different cultural values. *Credit: 3 semester hours.*

**2770 Women in the Arts**

This course offers the student a survey of women in art history from antiquity to the present and will address areas related to the creation, collection and study of women and works of art. *Credit: 3 semester hours.*

**2790 Contemporary Art and Culture, 1945-Present**

Examination of avant-garde issues in visual art. Artistic, theoretical and historical concerns are researched to discuss international developments in contemporary art and art criticism. Gallery and museum visits required. *Credit: 3 semester hours.*

**2929 Culture of Southern Italy, A Visual Journey (Abroad)**

A photography course, taught abroad, concentrating on the documentation of a variety of cultures throughout southern Italy. *Credit: 3 semester hours.*

### 3105 Advertising Production

In the context of a national advertising competition, students learn the pressures and rewards of designing, producing and presenting a comprehensive advertising campaign. *Credit: 3 semester hours. Studio fee, \$30.*

### 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, \$30.*

### 3115 Book Arts

*Prerequisite:* ART 1105 and ART 1510. Application of advanced graphic design principles involved in the conception and production of visual elements of book design. *Credit: 3 semester hours. Studio fee, \$30.*

### 3120 Web Design

*Prerequisite:* ART 1105, 1115. This course is specifically structured to introduce art majors to the tools and visual language required for successful web design. The student will systematically learn how to build WEB sites using Dreamweaver and other pertinent programs. *Credit: 3 semester hours. Studio fee, \$30.*

### 3125 Advanced Typography

*Prerequisite:* ART 2125. Complex typographical concerns exploring the use of type in a variety of medias, with emphasis on the development of a personal typographical problem solving. *Studio. Credit: 3 semester hours. Studio fee \$30*

### 3130 Advanced Web Design Course

*Prerequisite:* ART 1115, 3120. This course in Advanced Web Design is structured to introduce art majors to media rich Web design via the "flash" Macromedia plug-in. This design course allows students to add animation and interactivity to their Web design projects. *Credit: 3 semester hours.*

### 3135 Junior Design

*Prerequisite:* ART 1105, 1115, 3125, or 2115. This course will emphasis the formal visual and theoretical competencies needed in design problem solving though the use of advanced level studio projects. The class will also respond to contemporary issues in the graphic design though reading, written projects, field trips and class lectures. Students will be encouraged to make connections between design theory and methodology explored in lectures and their own work. *Credit: 3 semester hours. Studio fee, \$30.*

### 3240 Drawing Media Experimentation

An opportunity for intermediate students to explore drawing techniques using mixed media combinations in great depth. *Credit: 3 semester hours. Studio fee, \$30.*

### 3330 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, \$30.*

### 3340 Figurative Painting (Painting III)

Developing a focus in figurative concerns, this investigation pursues a refinement of the student's directions in painting. *Credit: 3 semester hours. Studio fee, \$30.*

### 3350 Mixed Media Concerns

An advanced level of research pursuing high standards of studio creativity and application. *Credit: 3 semester hours. Studio fee, \$30.*

### 3550 Experimental Printmaking

*Prerequisite:* Art 1510. Individual study for advanced printmakers. The course encourages further exploration of various print media. *Credit: 3 semester hours. Studio fee, \$30.*

### 4120 Senior Design

*Prerequisite:* ART 1105, 1115, 2115, 2125 or 3125. The development of theories and practices for communication design exploring social responsibility, sustainability, ethics, client relations, originality and compensation are covered. *Studio. Credit: 3 semester hours. Studio fee \$30.*

### 4125 Creative Thesis

*Restricted registration.* Open to senior B.F.A. degree candidates only, upon recommendation of the Chair and Faculty Review Committee. *Prerequisite:* Completion of 78 art credits. A written statement of intention by each individual, followed by the creation of a major or related body of work in the area of concentration. *Credit: 9 semester hours. Studio fee, \$30.*

### 4909 Internship

*Restricted registration.* Open to senior B.F.A. degree candidates only, upon recommendation of the Chair and Faculty Review Committee. *Prerequisite:* Completion of all required studio art courses. Students are placed in design studios, advertising agencies, galleries, museums or other institutions concomitant with their career aspirations, where they gain practical experience in real situations under the supervision of working professionals. *Credit: 9 semester hours.*

### 4953 Independent Study (Art)

A semester of independent work in the student's major field of concentration. (permission of the Department Chair required). *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. Ability to read musical notation is not required. 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. Fee, \$30.*

#### 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, chords 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. Instructor's studio and limited teaching on campus; access to a piano required. *Credit: 1 semester hour per semester. Special fee, \$400.*

### 1620; 2620 Voice I; II

Private lessons in voice. Instructor's studio or on campus. *Credit: 1 semester hour per semester. Special fee, \$350.*

## 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 or Chinese 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.

### Minor Sequence—Asian Studies

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

## Asian Studies Course Offerings (ASC)

### 1230 Contemporary China

An introduction to modern China from World War II to the present, with special emphasis on the problems of political, social and economic development. *Credit: 3 semester hours.*

### 1250 Contemporary Japan

The political, economic, social and religious development of Japan from the end of World War II to the present. *Credit: 3 semester hours.*

### 1300; 1310 Introduction to the Civilizations of Asia I and II

An introduction to the historical, political, economic and social forces that have shaped and continue to influence the modern civilization of Asia. *Credit: 3 semester hours.*

### 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.*

### 1650 Sports in China

The impact of sports in China, domestically and internationally. *Credit: 3 semester hours.*

### 1800 Introduction to Buddhism

The origin of Buddhism in India: its metaphysics, ethics, monastic order and scriptures. *Credit: 3 semester hours.*

### 2210 Chinese Literature in Translation

An introduction to important Chinese works in translation from ancient to modern times, with special emphasis on major trends and genres in the historical development of literature in China. *Credit: 3 semester hours.*

### 2380 American Investment in China

An introduction to American businesses' rewards and risks in China: foreign direct investment and capital market investment. *Credit: 3 semester hours.*

### 2480 Doing Business in China

Challenges confronting American businesses seeking opportunities afforded by China's massive economic reform, including issues such as strategic alliances, investments vehicles, marketing and distribution. *Credit: 3 semester hours.*

### 2510 History of Modern East Asia

The forces and events that have shaped 20th century China, Japan and Korea including modernization, the emergence of nationalism, imperialism, Communism and the problems of the contemporary period. *Credit: 3 semester hours.*

### 2530 History of Modern China

The 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.*

### 2540 America Meets China

A historical look at the encounter between the U.S. and China from 1785 to the present, as a prologue to the uniquely American forms of globalism and multiculturalism. *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 Courses (CHI)

### 1010; 1020 Elementary Chinese

*Prerequisite:* CHI 1010 is a *Prerequisite* for CHI 1020. The development of audio-lingual and reading skills through a study of the essentials of grammar, pronunciation and vocabulary. *Language Laboratory required. Laboratory fee, \$50. Credit: 3 semester hours.*

### **2030; 2040 Intermediate Chinese**

*Prerequisite:* CHI 1020 or placement exam.

CHI 2030 is a *Prerequisite* for CHI 2040.

A review of the essentials of grammar, extensive vocabulary building and development of writing skills. *Language Laboratory required. Laboratory fee, \$50. Credit: 3 semester hours.*

### **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.*

## **Japanese Courses (JPN)**

### **1010; 1030 Elementary Japanese**

*Prerequisite:* JPN 1010 is a *Prerequisite* for JPN 1030. 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. *Language Laboratory required. Laboratory fee, \$50. Credit: 3 semester hours.*

### **2030; 2040 Intermediate Japanese**

*Prerequisite:* JPN 1030 or placement exam.

JPN 2030 is a *Prerequisite* for JPN 2040.

This course increases the student's ability in comprehending, reading and writing Japanese. *Language Laboratory required. Laboratory fee, \$50. Credit: 3 semester hours.*

### **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.*

## **Korean Courses (KOR)**

### **1010; 1020 Elementary Korean**

*Prerequisite:* KOR 1010 is a *Prerequisite* for KOR 1020. Introduction to Korean. The students study the fundamentals of the Korean language with emphasis on the Korean alphabet, spelling, pronunciation and basic grammar. *Language Laboratory required. Laboratory fee, \$50. Credit: 3 semester hours.*

### **2030; 2040 Intermediate Korean**

*Prerequisite:* KOR 1020 or placement exam.

KOR 2030 is a *Prerequisite* for KOR 2040.

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.

*Language Laboratory required. Laboratory fee, \$50. Credit: 3 semester hours.*

### **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.*

## **Biology (BIO)**

### **Major Sequence**

32 semester hours including BIO 1000, 1001L, 2000, 2001L or 3000, 3001L and 20 elective hours in BIO. 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, 1360 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 and 3000.*

### **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; and 4953, 4954; and either BIO 3320, 3390, or 3470 in addition to all other science requirements for the major. 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: BIO 1000, 1000L, 2000, 2001L, 3000, 3001L plus any two other courses listed in the current bulletin and approved by the department for majors. *BIO 1050, 1060, 1360 and 1600 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 Laboratory. Evolution, classification and taxonomy, population biology and ecology. *Lecture, 3 hours. Laboratory, 3 hours. Credit: 4 semester hours. Laboratory fee, \$60.*

### **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.*

### **2000 Fundamentals of Biology, II: Introduction to Cell and Molecular Biology**

*Prerequisite:* CHEM 1201. *Corequisite:* BIO 2001L; *Laboratory.* 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 3000 and 2000. The nervous systems from invertebrate to mammals focusing primarily on the mechanisms by which the brain functions. *Credit:* 3 semester hours. *Students who select this course are permitted to graduate with 31 credits of biology.*

**2260 Cellular Biology of Human Tissues**

*Prerequisite:* BIO 3000; 3001L. *Corequisite:* BIO 2261 *Laboratory.* 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.*

**2280 General Microbiology**

*Prerequisite:* BIO 3000; 3001L. *Corequisite:* BIO 2281 *Laboratory.* 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.*

**2310 Botany**

*Prerequisite:* BIO 1000; 1001L. *Corequisite:* BIO 2311 *Laboratory.* The biology of plants: their morphology, evolution and classification. *Field trips. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, \$60*

**2510 Aquatic Ecology**

*Prerequisite:* BIO 2230; or consent of instructor. *Corequisite:* BIO 2511 *Laboratory.* Introduction to major ecological principles of freshwater and marine habitats. *Field trips required. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, \$60.*

**3000 Fundamentals of Biology, III: Introduction to Organismic Biology**

*Prerequisite:* BIO 2000. *Corequisite:* BIO 3001L *Laboratory.* Basic principles of physiological function and developmental processes. *Lecture, 3 hours. Credit: 3 semester hours.*

**3001L Fundamentals of Biology III: Laboratory**

*Prerequisite:* BIO 2001L *Laboratory. 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 3271 *Laboratory.* 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, \$60.*

**3300 General Physiology**

*Prerequisites:* BIO 3000; 3001L, CHE 2230. *Corequisite:* BIO 3301 *Laboratory.* and PHY 1620 or 1940. 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, \$60.*

**3320 Genetics**

*Prerequisite:* BIO 3000; 3001L. *Corequisite:* BIO 3321 *Laboratory* and 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, \$60.*

**3370 Ecology**

*Prerequisite:* BIO 1000 or consent of instructor. *Corequisite:* BIO 3371. Ecological principles concerning animals and plants, with emphasis on group phenomena, especially the dynamics and evolution of ecosystems, communities and populations. *Field trips. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, \$60.*

**3390 Biochemistry**

*Prerequisite:* BIO 3000; 3001L and CHE 2240, or consent of the instructor. *Corequisite:* BIO 3391 *Laboratory.* 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, \$60.*

**3460 Concepts of Immunology**

*Prerequisite:* BIO 3000; 3001L. *Corequisite:* BIO 3461 *Laboratory.* 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, \$60.*

**3470 Molecular and Cell Biology**

*Prerequisite:* BIO 3000; 3001L and 3390. *Corequisite:* BIO 3471 *Laboratory.* 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, \$60.*

**3490 Dental Preceptorship**

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

**4953; 4954 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 4953 and 4954 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, \$60.*

**Business (BUS)****Minor Sequence**

18 semester hours including: ACC 2338 and 2339 or 2340; ECO 1301, 1302; MGT 2301; and MKT 3301. The business minor sequence requires MTH 1310, 1320, and CIS 1332 and DS2333 as *Prerequisite* to junior level courses. No student is permitted to enroll in any junior or senior level business course (courses numbered 3000 or above) without completing the designated *Prerequisite(s)*: MTH 1310 and 1320 and [CIS 1332 or DS2333].

*Note: BUS 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**

45 or 49 semester hours including: CHE 1210, 1220, 2230, 2240, 3250, 3270, 3280, 3300, 3321, 3340 and 3441; 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 (45 credits)**

One of the following: CHE 3330, 4351, 4361, 4903, 3390, 3420, 3431, or a 100 level graduate CHE course.

**Option II: B.S. in Chemistry with American Chemical Society Certification (49 credits)**

CHE 3390 and one of the following: CHE 3330, 4351, 4361, 4903, 3420, 3431, or a 100-level graduate CHE course.

**Option III: B.S. in Chemistry with a Concentration in Biochemistry (49 credits)**

CHE 3390 and BIO 3470. CHE 3330 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 these 41/42 semester hours: CHE 1210, 1220, 2230, 2240, 3250, 3270, 3280, 3300 or 101, 3320, 3340 or 111, 3441. Students must consult with the department for the scheduling of courses. In addition, students in the B.S./M.S. Program in chemistry must elect the thesis option for the M.S. degree and complete CHE 4351 and one additional graduate course (either CHE 121 or 141) during their senior year. Students completing the baccalaureate will receive ACS Certification of their degree. Eligibility requires a 3.0 overall index with a 3.5 index in the major. For additional requirements for the master's degree, students should consult the St. John's University Graduate Bulletin.

## Minor Sequence

26 semester hours: CHE 1210, 1220, 2230, 2240, and two additional chemistry courses with numbers above 2240.

## 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. *Corequisite:* CHE 1111 Laboratory and CHE 1112 Recitation are *Corequisites* for CHE 1110. CHE 1121 Laboratory and CHE 1122 Recitation are *Corequisites* for CHE 1120. CHE 1131 Laboratory and CHE 1132 Recitation 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 hour. Laboratory, 3 hours. Credit: 4 semester hours per semester. Laboratory fee: \$60 per semester.*

### 1140 Introduction to General and Organic Chemistry

*Prerequisite:* CHE 1130. *Corequisite:* CHE 1141 Laboratory and CHE 1142 Recitation. 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. Credit: 4 semester hours per semester. Laboratory fee, \$60 per semester.*

### 1210 General Chemistry I

*Prerequisite:* CHE 1100 (or another prior CHE course) is a *Prerequisite* for CHE 1210. *Corequisite:* CHE 1211 Laboratory and CHE 1212 Recitation are *corequisites* for CHE 1210. Principles and concepts of chemistry with emphasis place on stoichiometry, atomic and molecular structure and inorganic chemical reactions. In the laboratory, emphasis is placed on quantitative measurements. *Lecture, 3 hours. Recitation, 1 hour. Laboratory, 4 hours. Credit: 5 semester hours. Laboratory fee, \$60 per semester.*

### 1220 General Chemistry II

*Prerequisite:* CHE 1210 is a *Prerequisite* for CHE 1220. *Corequisite:* CHE 1221 Laboratory and CHE 1222 Recitation are *corequisites* for CHE 1220. Introductory physical chemistry focusing on equilibrium, kinetics, electrochemistry and properties of matter, including acids and bases. *Lecture, 3 hours. Recitation, 1 hour. Laboratory, 4 hours. Credit: 5 semester hours. Laboratory fee, \$60 per semester.*

### 1310 Honors General Chemistry: Introduction to Physical Chemistry

*Prerequisites:* It is expected that students will have had at least one year of chemistry in high school and one year of pre-calculus. *Corequisites:* MTH 1730 and CHE 1313LR. Principles and concepts of chemistry emphasizing quantum mechanics, thermodynamics, physical properties of solids, liquids and gases, equilibria, acids and bases. *Credit: 3 semester hours.*

### 1313RL Honors General Chemistry: Laboratory and Recitation

*Prerequisite:* Students are expected to have had at least one year of chemistry in high school. *Corequisites:* MTH 1730 and CHE 1310. 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 hour. Laboratory, 4 hours. Credit: 2 semester hours.*

### 1320 Honors General Chemistry:

*Prerequisite:* CHE 1310, CHE 1210 with permission of instructor. *Corequisite:* CHE 1321L Laboratory is a *corequisite* for CHE 1320. 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. Recitation, 1 hour. Credit: 4 semester hours.*

### 1321RL Honors General Chemistry: Laboratory II

*Corequisite:* CHE 1320. A continuation of 1313RL in which the primary focus is on the procedures and techniques used in the modern chemical laboratory and recitation for the lecture CHE 1320. *Laboratory, 4 hours. Credit 1 semester hour. Laboratory Fee \$60 per semester.*

### 2230; 2240 Organic Chemistry

*Prerequisite:* CHE 1220. CHE 2230 is a *prerequisite* for CHE 2240. *Corequisite:* CHE 2231 Laboratory is a *corequisite* for CHE 2230. CHE 2240 Laboratory is a *corequisite* for CHE 2241. 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 per week. Credit: 5 semester hours. Laboratory fee, \$60 per semester.*

### 3250 Quantitative Analysis

*Prerequisite:* CHE 1220. *Corequisite:* CHE 3251 Laboratory. 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, \$60.*

### 3270 Physical Chemistry I

*Prerequisite:* CHE 2240, MTH 1220 or 1740. *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 3321. 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, 3270, 3280. *Corequisite:* CHE 3301 Laboratory. 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, \$60.*

### 3321 Experimental Physical Chemistry

*Corequisite:* CHE 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, \$60.*

### 3330 Bioorganic Chemistry

*Prerequisite:* CHE 2230 and 2240. 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 and 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 1220, 1221 and CHE 2240 or permission of the instructor. 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, \$60.*

**3420 Environmental Chemistry**

*Prerequisite:* CHE 1220. 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.*

**3441 Introduction to Inorganic Synthesis**

*Prerequisite:* CHE 3340. 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, \$60.*

**4351; 4361 Research Participation I; II**

*Prerequisite:* CHE 2240 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. Laboratory fee, \$60 per semester.*

**4903 Chemistry Internship**

*Prerequisite:* CHE 2240. 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**

42 semester hours including: CSD 1000C, CSD 1710, 1720, 1730, 1740, 2750, 2760, 2770, 4820, 4830, 4990, and the remaining credits from 1750, 2775, 2780, 4810, 3840, 2740. Students are advised to take six credits in a practicum experience. This practicum may be satisfied with two semesters of clinical practice in speech-language pathology CSD 4820, 4830 (see required *Prerequisites*) on the Queens campus.

On the Staten Island campus, an internship, CSD 4803 provides the practicum experience. Students must enroll in CSD 4803 for two semester to complete major area requirements.

### 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)

**1710 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 normal 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.*

**2740 Observation in Speech-Language Pathology and Audiology**

*Prerequisite:* CSD 1710, 1720 and 1730. *Corequisite:* CSD 2760 and 2770. Observation of assessment in speech, language and hearing disorders. *Introduction to systematic classification and professional writing. Must be taken prior to CSD 4820 and CSD 4830. Credit: 1 semester hour.*

**2750 Introduction to Audiology**

*Prerequisite:* CSD 1740 or permission of the department. Measurement of hearing, including pure tone and speech audiometry, immitance testing, and special tests. Interpretation of audiograms and screening procedures and pathologies of the auditory system. Students are required to observe at speech and hearing facilities. *Credit: 3 semester hours.*

**2760; 2770 Speech-Language Pathology I; II**

*Prerequisite:* CSD 1710, 1720, 1730 or permission of the department. Disorders of speech and language based on organic causation including cleft palate, cerebral palsy, delayed and disordered language, dysarthria, articulation defects, aphasia, dysfluency, and voice disorders. Students are required to observe at speech and hearing facilities. *Credit: 3 semester hours.*

**2775 Language-Based Learning Disabilities**

*Prerequisite:* CSD 1730. Language development and disorders, 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. (Staten Island)*

**2780 Aural Rehabilitation for the Hearing Impaired Child**

*Prerequisite:* CSD 2750 or CSD 1740 (recommended) 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. *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.*

### **4803; 4813; 4806 Internship in Speech-Language Pathology and Audiology**

*Restricted registration. Permission of the department required.* Supervised clinical practice in management and intervention strategies for the communicatively impaired of varied nature and severity; preparation of clinic records and reports. *Credit: CSD 4803 and CSD 4813 require 8 hours weekly for 3 credits. CSD 4806 requires 16 hours weekly for 6 credits. (Staten Island)*

### **4810 Clinical Practicum in Audiology**

*Prerequisite:* CSD 2750 and 1740 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.*

### **4820; 4830 Clinical Practice in Speech-Language Pathology I; II**

*Prerequisite:* CSD 2760 and CSD 2770. CSD 4820 is a prerequisite for CSD 4830 or permission of the department. Supervised clinical practice in management and intervention strategies in the communicatively impaired, preparation of clinic records and reports at the University's Speech and Hearing Center. *Two-hour weekly seminar. Observations at Speech and Hearing Center arranged. Credit: 3 semester hours.*

### **4990 Seminar**

Contemporary issues in communication arts and sciences. 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**

36 semester hours including: ECO 1301, 1302, 3303, 3341, 3343; DS 2333, 2334; and five elective courses in the major, selected in consultation with a departmental advisor, from ECO 2309, 3306, 3307, 3313, 3323, 3335, 3344, 3346, 3347, 3348, 4340, 4345, 4350, FIN 3310, 3312, 3316, 3318. ECO 1326 and ECO 2327 are not applicable to the major sequence. No more than two of the above FIN courses may apply to the major. Additional FIN courses may be taken as general electives.

All ECO majors are required to take MTH 1310 and 1320. 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 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. *Note: ECO courses are taught by The Peter J. Tobin College of Business faculty.*

## **Education**

Students who wish to obtain teacher certification should consult the School of Education section of this Bulletin and/or see the Dean for additional information.

## **English (ENG)**

### **Major Sequence**

36 semester hours, including nine credits in ENG 1100C, 2200 and 2300. In addition, each student must take one course in each of the four divisions (I-IV) of literary studies (12 credits), a seminar (3 credits) and 12 credits in electives.

### **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 while still undergraduates, 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 Sequences**

### **English**

21 semester hours, including nine credits in ENG 1100C, 2200 and 2300, a seminar, and nine credits in electives.

### **Creative Writing Minor**

21 semester hours, including six credits in ENG 1100C and 3720 (Introduction to Creative Writing); twelve credits of electives in additional creative writing courses; and two literature electives from the 3000 level.

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

**Note: ENG 0010 and 1000C are not applicable to major or minor sequences.**

## **English Course Offerings (ENG)**

### **1000C English Composition**

An intensive writing course emphasizing critical thinking, reading, and writing practices. A focus on writing as a mode of communication and a social activity, as well as a matter of negotiating the expectations of different audiences and rhetorical conventions of multiple genres. *Credit: 3 semester hours.*

### **1040 Writing for Business**

An exploration of common business-related writing problems, as well as critical responses to business-oriented readings. *Credit: 3 semester hours.*

### **2060 Introduction to American Literature**

An intensive study of a limited number of texts drawn from the various periods of American literature. *Credit: 3 semester hours.*

### **2100 Introduction to Literature and Culture**

This course is devoted to the study of the relationship between literature and culture focusing on literary texts connected by common aesthetic, generic, or historical themes. *Credit: 3 semester hours.*

### **2210 Introduction to British Literature**

An intensive study of a limited number of texts drawn from the various periods of British literature. *Credit: 3 semester hours.*

## **Required Courses for the English Major**

### **1100C Literature in a Global Context**

This writing-intensive course examines literature from a global perspective. While familiarizing students with literary genres and texts, the course introduces students to writing and critical thinking about culture, cultural difference and social values. *Credit: 3 semester hours.*



**2200 Introduction to English Studies**

A foundation course introducing English majors and minors to the disciplinary practices of the English major. Required of all majors and minors in their sophomore or junior years. *Credit: 3 semester hours.*

**2300 Introduction to Literary Criticism and Theory**

*Prerequisites:* ENG 2200. An introduction to the history of critical theory, with emphasis on contemporary literary theory, and its practical application. Required of all majors in their sophomore or junior years. *Credit: 3 semester hours.*

**Major Divisions 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 (formerly ENG N35/31)**

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 Brontës and George Eliot. *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.*

**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.*

### **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 like 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.*

### **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.*

### **3650 Caribbean Literature \***

Study of the fiction, poetry, essays, and drama of the Caribbean and the Caribbean Diaspora. *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: Nonfiction Prose**

An introduction to writing various forms of nonfiction. *Credit: 3 semester hours.*

### **3720 Introduction to Creative Writing**

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.*

**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.*

**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.*

**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**

*Prerequisites:* 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 American Literature**

*Prerequisites:* 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 Author(s)**

*Prerequisites:* 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 Theme(s) and/or Genre(s)**

*Prerequisites:* 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.**

49 semester hours, including: GOV 1030, 2500; GEO 2001; ESP 1010, ESP 4990; BIO 1000; ANT 1120. In addition, students must complete 27 credits from the following elective courses: ANT 1010, 1020, 1030, 1040, 4820; GOV 2470, 2480, 2510, 3520, 1530, 4923/4926; GEO 1002; ESP 2110, 2150, 2160, 2170, 3320, 2410, 3480, 2510, 4900, 4953, 4954; PHY 1080, 1090, 1120; SOC 2210, 2610, 1220; ECO 1301, 1302; BIO 1070, 1000, 2000, 2310, 2280, 3300; CHE 1040, 1210, 1220; PHI 3720, 3800, 3810.

**B.S.**

50 semester hours, including: CHE 1210, 1220; BIO 1000, 1000L; 2000, 2001L; 3000, 3001L; GEO 2001; ESP 1010 and 4990. In addition, students must complete 19 credits from the following elective courses: BIO 2280, 3300, 2310, 3370; CHE 2230, 2240, 3250, 3420, 3431; ESP 1010, 2110, 2150, 2160, 2170, 3320, 3480, 2410, 2510, 4900, 4953, 4954; PHY 1610, 1620, 1080, 1090, 1120; GOV 2500; ANT 1010, 1020, 1030, 1120, 4820; PHI 3720, 3800, 3810.

The B.S. degree in environmental studies requires the completion of MTH 1210, 1220 or 1730 and 1740.

**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 Minor 15 credits**

ESP 1010, GEO 2001 and three additional courses from the list of approved environmental electives.

**Environmental Education Minor 15 credits**

ESP 1010, GEO 2001, ESP 2150 and two additional courses from the list of approved environmental electives.

*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 (ESP) Course Offerings****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.*

**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.*

**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.*

**2150 Concepts and Practices of Environmental Education**

*Prerequisite:* ESP 1010. A survey of the goals and fundamental concepts of environmental education with activities and techniques for integrating environmental education into the curriculum. Field trips required. *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 Pollution Analysis and Control

Survey of principal pollutants affecting natural systems; standard and experimental procedures for controlling pollution sources. Required field trips to waste-handling facilities. *Credit: 3 semester hours.*

### 2510 Aquatic Ecology

*Corequisite:* ESP 2511 Laboratory. 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, \$60.*

### 3320 Resource Management

*Corequisite:* ESP 3321 Laboratory. An analysis of the goals, principles, methods and ecological measures currently employed by natural resource managers. Lab and field work required. Field trips. *Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, \$60.*

### 3480 Environmental Geology

*Prerequisite:* Second year 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. *Credit 1 semester hour. Lab one 3 hour session per week. Lab fee \$60. (Note: ESP 3481L may be taken separately from ESP 3480.)*

### 4900 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: 3-12 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 ESP Director 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.*

### Environmental Studies Faculty

William M. Nieter, Director, Environmental Studies Program; Assistant Dean, B.A., M.A., CUNY, Queens College; M.S. Ed., Columbia University  
*Note:* ESP courses are taught by the affiliated faculty of the various science and social science departments within the College.

## Government and Politics (GOV)

### Major Sequences

#### Government and Politics

36 semester hours including: GOV 1010 and 1030; one elective in each of the following areas:

**International Relations:** GOV 1610, 2640, 2810, 3620, 3630, 3670;

**Comparative Government:** GOV 1700, 2650, 2660, 2690, 2730, 2750, 3680, 3710, 3720;

**Political Theory:** GOV 1250, 1260, 1270, and one Senior Seminar. In addition, majors must complete 18 elective 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, 3620, 3630, 3670;

**Comparative Government:** GOV 1700, 2650, 2660, 2690, 2730, 2750, 3680, 3710, 3720, 3850, 3851;

**Political Theory:** GOV 1250, 1260 and 1270. In addition, majors must complete 15 elective hours 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.

Students accepted into the five-year B.A./M.A. program in government and politics complete a total of 57 semester hours in GOV courses. On the undergraduate level, requirements include GOV 1010, 1030; one course in each area: comparative government, international relations, and political theory; a seminar; and six elective credits (24 credits). Students must also complete two 100-level graduate courses during the junior year and two upper level graduate courses during the senior year, for a total of 12 graduate credits. Students complete the program with 21 credits of graduate GOV courses. Eligibility requires a 3.0 overall cumulative index and a 3.5 index in government and politics. For specific master's degree program requirements, consult the St. John's University Graduate Bulletin.

### Other Combined Degree Programs

The Department of Government and Politics also offers a number of undergraduate/graduate combined degrees with the College of Professional Studies, including B.S./M.A. programs in communication arts, criminal justice, health care administration, journalism and paralegal studies. For specific master's degree program requirements, consult the St. John's University Graduate Bulletin.

### Minor Sequences

#### Government and Politics

- For all students except public administration and public service majors: any 18 semester hours in GOV.
- For public administration and public service majors: any 18 semester hours in GOV not utilized for the major.
- For The Peter J. Tobin College of Business students: 18 semester hours including:
  - GOV 1030, ECO 1326 or MGT 3301;
  - One course in American government from: GOV 2400, 2470, 2480, 2500, 2510, 2950, 2955, 3450, 3460, 3590;
  - One course in international relations from: GOV 1610, 2640, 2810, 3620, 3630, 3670;
  - One course in comparative government from: GOV 2650, 2660, 2690, 2730, 2750, 3680, 3710, 3720;
  - One course in political theory from: GOV 1250, 1260, 1270;
  - 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, Gov. 1030 and any five of the following: GOV 2400, 2490, 2500, 2580, 2600, 3450, 3460, 3570, 3620, HIS 3725, PHI 3420, PHI 3650, SPE 3180, SPE 2020, 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 and 1530, and three of the following: GOV 2400, 2470, 2480, 2500, 2955, 3450, 3460, 3540, 4913.
- B. For government and politics majors: 15 semester hours including GOV 1530 and 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.*

### 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 great thinkers and movements from the late medieval period to the Enlightenment and the French Revolution.  
*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.*

### 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 methodology of comparative analysis, of belief systems and the concept of political culture, party and pressure-group systems in Western European, Communist and developing countries; patterns of political change.  
*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 politics 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:* Permission of the 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.*



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**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**

Comparison of the political institutions of Great Britain, France, Germany, Italy and Spain; the role of the European Union in domestic politics of Western Europe and in the contemporary political problems. *Credit: 3 semester hours.*

**2660 Government and Politics of Eastern Europe**

Comparison of emerging democratic institutions in Central/Eastern Europe; transitions from socialist to market economies and the role of the European Union in the transformation of CEE countries. *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**

An examination of the political values and ideas of principal writers of the Western tradition. Selected works of political drama from the classical, Renaissance and modern periods are analyzed and discussed with a view to the problems of political theory and political action presented. *Credit: 3 semester hours.*

**3290 The Politics of Revolution**

Empirical theories of revolution through the reading and analysis of major theoretic attempts 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.*

**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.*

**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 Political Systems**

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. Emphasis is placed on critical evaluation of academic research and professional reports. *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.*

**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 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 hours per semester.*

**4923; 4926 Field Work in Public Administration**

*Prerequisite:* Permission of the coordinator. An internship program in a federal, state, or local government office or with a not-for-profit group. Periodic consultation with the internship coordinator is required. *Credit: 3 or 6 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 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. Open to juniors and seniors only. Departmental approval required. Guided research and reading on an individual basis. By approval of the chair. *Credit: 3 semester hours.*

**Senior Seminars**

Limited to Government majors in their senior year. Juniors with permission of the Chair. Readings, reports and discussions on topics of student interest, under supervision of the faculty member. Enrollment is in one of six sections below, but majors may take more than one seminar. *Credit: 3 semester hours.*

**4991 Seminar in American Government**

*Prerequisite:* At least six credits from among: GOV 1030, 1530, 2400, 2420, 2430, 2470, 2480, 2490, 2500, 2510, 2640, 2950, 3450, 3460, 4933, 4936, 2580, 3590, 2760, 3800. *Credit: 3 semester hours.*

**4992 Seminar in International Relations**

*Prerequisite:* GOV 1610 and at least three credits from among: 1610, 2640, 2650, 2660, 2690, 2750, 2810, 3620, 3630, 3710, 3720, 3820. *Credit: 3 semester hours.*

**4993 Seminar in Comparative Government**

*Prerequisite:* At least six credits from among: 1700, 2650, 2660, 2690, 2750, 3680, 3710, 3720. *Credit: 3 semester hours.*

**4994 Seminar in Political Theory**

*Prerequisite:* At least six credits from among: 1207, 1250, 1260, 2300, 3330. *Credit: 3 semester hours.*

**4995 Seminar in Public Administration**

*Prerequisite:* At least six credits from among: 1030, 1530, 2160, 2170, 2440, 2470, 2480, 2500, 2510, 2580, 2590, 2955, 3540. *Credit: 3 semester hours.*

**4996 Seminar in Contemporary Issues in Constitutional Law**

*Prerequisite:* At least six credits from among: 2400, 2450, 2460, 2490, 2500, 2580. *Credit: 3 semester hours.*  
*Note:* Consult with the department chair to determine the availability of the courses listed above.

**History (HIS)/Geography (GEO)****Major Sequence—History**

36 semester hours including: HIS 1010 and 1000C, 2990, six credits in U.S. history, six credits in European history, six credits in non-Western history, a three-credit seminar or colloquium in junior or senior year, and six elective hours in courses offered by the Department.

**B.A./M.A.**

Students admitted to the accelerated B.A./M.A. Program in History take as their major sequence in History for their baccalaureate 36–39 semester hours including HIS 1010 and 1000C, 2990, six credits in U.S. history, six credits in European history, one seminar or colloquium, one undergraduate elective in history, plus a minimum of four, up to a maximum of five graduate-level history courses (one of which must be HIS 401 taken during the senior year). Eligibility requires a 3.0 overall cumulative index and a 3.5 index in history. For additional requirements for the master's degree, students should consult the St. John's University Graduate Bulletin.

**Minor Sequence—History**

18 semester hours in history including HIS 1010, 1000C, 2990 and one colloquium or seminar, but excluding HIS 1301 and 1302.

**Major Sequence—Social Studies**

36 credits, including HIS 1010 and 1000C, six credits in U.S. history, six credits in European history, six credits in non-Western history and one course each from economics, geography, government and sociology. (Available on Staten Island campus only.)

**History Course Offerings (HIS)****1000-Level: Surveys****1000C Emergence of a Global Society**

A survey of the historical foundations of contemporary societies: global dissemination of scientific, technological and industrial revolutions; the spread of world religions, democracy and internationalism; accommodation and resistance to Western hegemony; globalization as a historical force. *Credit: 3 semester hours.*

**1010 World History I**

A topical approach to forces and events that shaped the modern world, including ancient empires, Western civilization and Christianity, the impact of Islam, African and pre-Columbian civilizations, and the new learning of the Renaissance and Age of Exploration. *Credit: 3 semester hours.*

**1300 Great Issues in American History**

Significant political and social problems and controversies in the United States from the achievement of independence to the 1960s. Students may not take HIS 1301 or 1302 in conjunction with or after completion of HIS 1300. *Credit: 3 semester hours.*

### **1301 U.S. from Colonial Times to the Civil War**

A survey of the main political, economic, social and religious developments from the Peace of Paris to the Civil War. Students may not take HIS 1300 in conjunction with or after completion of HIS 1301. *Credit: 3 semester hours.*

### **1302 U.S. from Civil War to the Present**

A survey of the main political, economic, social and religious developments from the Civil War to the present. Students may not take HIS 1300 in conjunction with or after completion of HIS 1302. *Credit: 3 semester hours.*

## **Required Course for the History Major and Minor**

### **2990: Seminar: Introduction to History**

Restricted registration. Foundations of historical thought and practice: basic tools of historical analysis and research, overview of the development of historical studies, how to read and write history. Required of all majors and minors in their sophomore year. *Credit: 3 semester hours.*

## **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.*

### **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 nationbuilding 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.*

#### **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.*

#### **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.*

## **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 Reformation**

The revival of the classical spirit and the growth of vernacular literatures; the evolution of modern statecraft and diplomacy; the revolt 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 rivalries; 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****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; WWI; 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.*

**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 prologue to uniquely American forms of globalism 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 1001, 1002, or 1300, or permission 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**

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.*

#### **3310 History of Japan**

A survey of the political, intellectual, cultural, social and economic developments that have shaped the history of Japan from its earliest 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.*

#### **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 Gender in Islamic 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.*

### **European History: Topics and Countries**

#### **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.*

### **3530 History of Ireland**

A survey of Irish history from its Celtic origins to the twentieth century, with emphasis on the religious, cultural, political, social and economic forces which have been most influential in shaping modern Ireland. *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. Students may not take HIS 3540 in conjunction with or after completion of HIS 3541 or 3542. *Credit: 3 semester hours.*

#### **3541 The Risorgimento: United Italy in the Nineteenth Century**

Italian Nationalism, Carbonarism; Mazzini and Young Italy, Cavour and the Unitary State, the Risorgimento and the Counter-Risorgimento. Students may not take HIS 3541 in conjunction with or after completion of HIS 3540. *Credit: 3 semester hours.*

#### **3542 Modern Italy: The Transition from Liberalism to Fascism**

The domestic and diplomatic policies of the Kingdom of Italy, the North-South conflict and emergence of an industrial base, the first World War and the crisis of Italian liberalism, Fascism, the Axis, the collapse of Mussolini's Italy. Students may not take HIS 3542 in conjunction with or after completion of HIS 3540. *Credit: 3 semester hours.*

#### **3550 Soldiers and the State in Modern Europe**

The influence of the military on national policy, public institutions and popular culture since the Napoleonic 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.*

#### **3570 The Irish Abroad**

A comparative analysis of Irish emigration including motivation for the flight of the "Wild Geese" in the 17th century, the famine forced flights in the 18th and 19th centuries, and the "brain drain" in the 20th century. *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.*

## Russian and Soviet History: Topics and Countries

### 3650 Russia, the Soviet Union and the Soviet 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. *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.*

### 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.*

### 3780 Immigrants and the Catholic Church in the U.S.

Interaction of the Catholic Church in the U.S. and Catholic immigrants with emphasis on mid-19th and early 20th-century problems and stresses. *Credit: 3 semester hours.*

### 3790 The Military in American History

Origins and development of military institutions, traditions and practice in the United States, 1775 to the present; impact of the military on society. Students may not take HIS 3790 in conjunction with or after completion of HIS 3791. *Credit: 3 semester hours.*

### 3791 The Military in American History (Mini-Course)

A survey of the political, economic and military roles which the U.S. armed forces have played in American history, particularly in the fields of domestic and foreign affairs. Students may not take HIS 3791 in conjunction with or after completion of HIS 3790. *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.*

### 3800 FDR: President and Statesman (Mini-Course)

The domestic policies of Franklin D. Roosevelt as president and his role and policies as a world leader during WWII. *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.*

### **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 (16 hours per week). See HIS 4903. *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 Seminar**

Restricted registration. Readings and discussions in the techniques and problems of historical research on a selected topic. Required of majors in the junior or senior year. *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. Research and writing on selected topics in European history. *Credit: 3 semester hours.*

#### **4993 Colloquium in U.S. History**

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

#### **4994 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.*

## **Intensive English Program (IEP)**

The IEP offers a comprehensive program of English as a second language (ESL) full-time, part-time and independent study classes to assist non-native speakers of English in developing their English language skills. The IEP is open to all: matriculated and nonmatriculated students, international students and student groups, visiting scholars, residents, businessmen and women, religious workers and corporate-sponsored/government-sponsored employees. Classes are offered at the beginning, low-intermediate, intermediate and advanced levels in reading, writing, listening and speaking to enable students to reach their academic, business and work-related goals. Class size is small. A free ESL resource library is available. All students take an IEP placement test before registering. Students receive a certificate upon satisfactory completion of the course.

## **IEP Course Offerings**

### **IEP 0110 Beginner: Level 1**

Provides intensive instruction in listening, speaking, reading and writing skills at the beginner level. Emphasis on basic comprehension and conversational skills as well as pronunciation and intelligibility. *No credit.*

### **IEP 0120 Low-Intermediate: Level 2**

Provides intensive instruction in listening, speaking, reading and writing skills at the low-intermediate level. Emphasis on development of vocabulary and idiomatic expressions. *No credit.*

### **IEP 0130 High-Intermediate: Level 3**

Provides intensive instruction in listening, speaking, reading and writing skills at the high-intermediate level. Emphasis on more extensive production in speaking and writing. Exposure to more challenging reading and listening materials. *No credit.*

### **IEP 0140 Advanced: Level 4**

Provides intensive instruction in listening, speaking, reading and writing skills at the advanced level. Development of college-level vocabulary and reading skills, essay writing and extensive discourse. *No credit.*

### **IEP 0141 Part-Time Listening/Speaking: Levels 2, 3, 4**

Provides intensive instruction in listening and speaking at the low-intermediate, high-intermediate and advanced levels. *No credit.*

### **Part-Time Reading: Levels 2, 3, 4**

Provides intensive instruction in reading at the low-intermediate, high-intermediate and advanced levels. *No credit.*

### **Part-Time Writing: Levels, 2, 3, 4**

Provides intensive instruction in writing at the low-intermediate, high-intermediate and advanced levels. *No credit.*

### **IEP 0100 Independent Study**

Provides individual instruction (one-on-one) tailored to meet the student's specific language needs. *No credit.*

### **IEP 0129 Short-Term Group Study**

Provides an IEP language program specifically designed to meet the needs of groups for short-term study. *No credit.*

## **Languages and Literatures (LLT)**

### **Major Sequences**

#### **Spanish B.A./M.A.**

The Department of Languages and Literatures offers an intensive, accelerated combined degree program leading to both the B.A. and M.A. degrees 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 credits in Spanish are encouraged to apply. The students in the B.A./M.A. program take 39 semester hours distributed as follows: SPA 3090, SPA 3100, SPA 3550, SPA 3560, SPA 3870, SPA 3880; six elective credit hours selected among other advanced Spanish undergraduate courses and 15 credit 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.



## Spanish (SPA) (B.A.)

33 semester hours, including SPA 3090, 3100; 3550, 3560; 3870, 3880; and 15 elective hours in advanced Spanish 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.

## French (FRE) (B.A.)

33 semester hours including FRE 3090, 3100; 3550, 3560; 3870, 3880; and 15 elective hours in advanced French 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 as a preparation for FRE 3870, 3880. A French major who shows a deficiency in speaking French shall be required to take one or both terms of FRE 3110, 3120.

## Italian (ITA) (B.A.)

33 semester hours including ITA 3090, 3100; 3550, 3560; 3870, 3880; and 15 elective hours in advanced Italian 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 speaking Italian shall be required to take one or both terms of ITA 3110, 3120.

## Minor Sequences

### Ancient Studies (CLS)

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

### Classics (CLS)

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.

Course applicable to the above two minors include: CLS 1210, 1240, 1260, 1320, 1420, 1770, 1775, 2600; ART 1790, 1790, 1795; ENG 3500, 3600, 3610; GOV 1250; HIS 2001, HIS 2002, 2005; LIN 2150; PHI 3500; SPE 3130; THE 3130; and appropriate LAT and GRA under departmental advisement.

### French (FRE)

18 semester hours chosen under departmental advisement in the language.

### German (GER)

18 semester hours chosen under departmental advisement in the language.

## Greek Modern (GRM)

18 semester hours chosen under departmental advisement in the language.

## Italian (ITA)

18 semester hours chosen under departmental advisement in the language.

## Italian Studies (ITA)

18 semester hours: ITA 2040, 3110, 3570; ANT/SOC 2480; ART 2730; HIS 3541 or 3542. This minor is not open to ITA majors or minors.

## Linguistics (LIN)

15 semester hours: LIN 1010 and four additional Linguistics courses selected in consultation with an advisor. Courses applicable to the Linguistics minor include: LIN 1010, 1020, 1155, CLS 1320, SPE 1710, 1720, 1730, PHI 3400, 3420, 3910.

## Russian (RUS)

18 semester hours chosen under departmental advisement in the language.

## Spanish (SPA)

18 semester hours chosen under departmental advisement in the language.

## 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. Enrollment is limited to 15 students per class. Support services/workshops are also available. Intermediate, advanced and special non-credit writing workshops are offered. The use of the language laboratory is an integral part of the program. Advisement, testing and placement services are available through the ESL Office in Languages and Literatures Department, St. John Hall, Room 435.

## The Language Laboratory

The Queens campus Language Laboratory, located in room B48 in the basement of St. Augustine Hall, is a brand-new state-of-the-art digital laboratory of 39 student stations equipped with PCs, keyboards and flat screen monitors with listening, viewing and recording capability for audio and video files as well as CD ROMs. Students registered for classes levels 1 through 4 in one or several of the 14 languages currently offered at St. John's University are required to use the lab to practice and perfect their language skills in order to get full credit for their language course.

## Arabic Course Offerings (ARA)

### 1010 Arabic Level I

This course develops basic communication skills in the Arabic language through discussion, reading, and writing. Language laboratory required. Laboratory fee, \$25.

*Credit: 3 semester hours.*

### 1020 Arabic Level II

Continued development of communication skills in the Arabic language through discussion, reading, and writing. Language laboratory required. Laboratory fee, \$25.

*Credit: 3 semester hours.*

### 2030 Arabic Level III

*Prerequisite:* ARA 1020. *Corequisite:* ARA 1011 Language Laboratory. This course reviews the basic skills learned in Arabic I and II 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 2040 Arabic Level IV

*Prerequisite:* ARA 2030. *Corequisite:* ARA 1011 Language Laboratory. This course reviews the basic skills learned in Arabic I, II and III and continues to increase 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

## Classical Studies Course Offerings (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. This course provides instruction in listening comprehension and speaking through training in the sounds of English, intonation patterns and techniques of spontaneous conversation. *Credit: 3 semester hours.*

### **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. This course provides instruction in listening comprehension and speaking through training in conversational fluency, presentations and error reduction. *Credit: 3 semester hours.*

## **Non-Credit Workshops**

### **ESLW 0400 Special Writing Workshop**

*Prerequisite:* Permission of the Director. 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. *3 credits toward full time student status only.*

## **French Course Offerings (FRE)**

### **1000 Intensive French I/II**

*Corequisite:* LLT 1011, Language Laboratory. 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 limited level within the context of French culture. Laboratory fee \$25. *Credit: 6 semester hours.*

### **1010 French, Level I**

*Corequisite:* LLT 1011, Language Laboratory. 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 limited level within the context of French culture. Laboratory fee, \$25. *Credit: 3 semester hours.*

### **1020 French, Level II**

*Prerequisite:* FRE 1010. *Corequisite:* LLT 1011, Language Laboratory. 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 limited level within the context of French culture. Laboratory fee, \$25. *Credit: 3 semester hours.*

### **2000 Intensive French II/III**

*Language Laboratory.* This course aims to develop intermediate to advance communication skills in French. 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 French and Francophone culture. *Laboratory fee; \$50. Credit: 6 semester hours.*

### **2030 French, Level III**

*Prerequisite:* FRE 1020. *Corequisite:* LLT 1011, Language Laboratory. 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### **2040 Intermediate French Conversation**

*Prerequisite:* FRE 2030. *Corequisite:* LLT 1011, Language Laboratory. 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### **2050 Readings in Modern French**

*Prerequisite:* FRE 2030 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.*

### **2121 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 sociohistorical 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. May be used as a general elective or as an elective in the women's studies minor. *Credit: 3 semester hours.*

### **3090; 3100 Masterpieces of French Literature I; II**

*Prerequisite for non-majors:* Permission of the Chair. FRE 3090 is a prerequisite for FRE 3100. FRE 3100 is a prerequisite for all advanced courses in the language. FRE 3090: Through lectures and direct textual analysis of major works, 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 Age of Enlightenment through the 20th century. *Credit: 3 semester hours.*

### **3110; 3120 Advanced French Conversation**

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.*

### **3150 Review of French Grammar**

*Prerequisite:* FRE 2040 or 2050 or permission of the Chair. Review of grammar for advanced composition courses. *Credit: 3 semester hours.*

### **3150 (online) Review of French Grammar**

*Prerequisite:* French 2040 or equivalent. 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. For the intermediate student who has previous knowledge of French

or as a remedial course for students who need to strengthen their grammar and writing after a lapse in their course of study.  
*Credit: 3 semester hours.*

### **3260 History of French Cinema**

*Prerequisite:* FRE 2050C or permission of the 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 Literature Film Media Culture**

*Prerequisite:* FRE 2050 or permission of the Chair. This course examines a variety of authors, 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.*

### **3300 France's Role Within the European Community**

An overview into the economic, political, technological and social changes in France in the last 10 years that contributed to the shaping of contemporary French culture.  
*Credit: 3 semester hours.*

### **3550; 3560 Civilization of France I; II**

The history, geography, arts, science, folklore, politics and customs that have contributed to the shaping of French civilization and culture. Part I covers the geography and economy of France as well as its history and civilization from the origins to 1700. Part II covers French history and civilization from 1700 to the present. This course is conducted in French.  
*Credit: 3 semester hours.*

### **3600 Contemporary France**

This course studies all aspects of contemporary French life. *Credit: 3 semester hours.*

### **3620: Paris in the French Culture**

*Prerequisite:* French 1010 or permission of the Chair for non-majors. 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**

An introduction to the principal poets, prose writers and dramatists of the 19th century.  
*Credit: 3 semester hours.*

### **3690 20th-Century French Literature**

An introduction to the principal poets, prose writers and dramatists of the 20th century.  
*Credit: 3 semester hours.*

### **3810 Advanced Commercial French**

*Prerequisite:* FRE 2040 or FRE 2050 or permission of the 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**

An introduction to the major contemporary writers of the French-speaking Antilles and Black Africa. *Credit: 3 semester hours.*

### **3870; 3880 Advanced French Grammar and Composition I; II**

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.*

### **3900 Art and Skills of Translation**

*Prerequisite:* A working knowledge of French and permission of the instructor or program coordinator. 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.*

### **3980 International Internship in France**

*Prerequisite:* permission of the coordinator. Total immersion experience in the field of interest chosen by the student in France.  
*Credit: 3 semester hours.*

### **4830 French and Francophone Women Writers**

*Prerequisite:* FRE 3090 or FRE 3110 or permission of coordinator. A study of the French and francophone women writers from the 12th century to the present. Conducted in French. *Credit: 3 semester hours.*

### **4953 Independent Study**

Guided undergraduate student research arranged on an individual basis. Permission of the chair and the language area coordinator required. *Credit: 3 semester hours.*

### **4990 Seminar**

*Prerequisite:* FRE 3090 and 3010 or permission from the coordinator. *Credit: 3 semester hours*

## **German Course Offerings (GER)**

### **1010 German, Level I**

*Corequisite:* LLT 1011, Language Laboratory. This course aims to develop basic communication skills in 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. *Laboratory fee, \$25. Credit: 3 semester hours.*

### **1020 German, Level II**

*Prerequisite:* GER 1010. *Corequisite:* LLT 1011, Language Laboratory. This course continues to develop basic communications skills in 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. *Laboratory fee, \$25. Credit: 3 semester hours.*

### **2030 German, Level III**

*Prerequisite:* GER 1020. *Corequisite:* LLT 1011, Language Laboratory. This course reviews the basic skills learned in German I and II and continues building oral and written proficiency with more intensive reading and conversation within the context of German culture. *Laboratory fee, \$25. Credit: 3 semester hours.*

### **2040 Intermediate German Conversation**

*Prerequisite:* GER 2030. *Corequisite:* LLT 1011, Language Laboratory. This course reviews the basic skills learned in GER I, II and III and continues building oral and written proficiency with more intensive reading and conversation within the context of German culture. *Laboratory fee, \$25. Credit: 3 semester hours.*

### **3090; 3100 Masterpieces of German Literature I; II**

*Prerequisite for non-majors:* Permission of the Chair. GER 3090 is a prerequisite for GER 3100. Discussions in the language of representative selections. *Credit: 3 semester hours. Note: GER 3100 is prerequisite for all advanced literature courses in the language.*

### **3110; 3120 Advanced German Conversation**

Drill and practice in conversational German. Topics are selected to meet the requirements of daily life. Not open to native or fluent speakers. *Credit: 3 semester hours.*

### **3550; 3560 Civilization of Germany**

The history, geography, art, science, music, literature, folklore, politics, habits and customs that have contributed to the shaping of German civilization and culture. *Credit: 3 semester hours.*

### **3690; 3700 Goethe**

A study of representative works of the author; *Faust*. *Credit: 3 semester hours.*

### **3710 German Romanticism**

A study of representative authors, 1790–1830. *Credit: 3 semester hours.*

### **3720 German Novelle**

The genre from Goethe to the present. *Credit: 3 semester hours.*

### **3870; 3880 Advanced German Grammar and Composition**

A study of difficult points of German grammar and syntax with translation of selected passages into idiomatic German. *Credit: 3 semester hours.*

### 4953 Independent Study

Guided undergraduate student research arranged on an individual basis. Permission of the chair and the language area coordinator required. *Credit: 3 semester hours.*

## Ancient Greek Classical Course Offerings (GRA)

### 1010; 1020 Elementary Ancient Greek

*Prerequisite:* GRA 1010 is a *Prerequisite* for 1020. *Corequisite:* LLT 1011, Language Laboratory. An introduction to classical Greek (Attic); a study of Greek grammar, acquisition of a basic vocabulary and practice in translation. *Credit: 3 semester hours.*

### 4953; 4954 Independent Study

*Prerequisite:* Permission of instructor. Individual guided instruction in either Classical Greek grammar or literature. *Credit: 3 semester hours.*

## Greek Modern Course Offerings (GRM)

### 1010 Modern Greek Level I

*Corequisite:* LLT 1011, Language Laboratory. 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 1020 Modern Greek Level II

*Prerequisite:* GRM 1010. *Corequisite:* LLT 1011, Language Laboratory. This course continues to develop 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 2030 Modern Greek Level III

*Prerequisite:* GRM 1020. *Corequisite:* LLT 1011, Language Laboratory. This course reviews the basic skills learned in Greek I and II and continues building oral and written proficiency with more intensive reading and conversation within the context of Greek culture. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 2040 Intermediate Modern Greek, Conversation

*Prerequisite:* GRM 2030. *Corequisite:* LLT 1011, Language Laboratory. This course reviews the basic skills learned in GRM I, II and III and continues building oral and written proficiency with more intensive reading and conversation within the context of Greek culture. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 3090; 3100 Masterpieces of Greek Literature I; II

*Prerequisite:* GRM 2040 or permission of Chair. GRM 3090 is a prerequisite for GRM 3100. Discussions, in the language, of representative selections. *Credit: 3 semester hours.*

### 3130; 3140 Modern Greek for Bilingual Use

*Prerequisite:* Native or near-native proficiency. GRM 3130 is a *Prerequisite* for GRM 3140. A concise view of the basic language skills for use in a bilingual environment. Conversation, aural training, and writing skills based on practical everyday topics and on readings of literary and educational materials. *Credit: 3 semester hours.*

### 4953 Independent Study

Guided undergraduate student research arranged on an individual basis. Permission of the chair and the language area coordinator required. *Credit: 3 semester hours.*

## Modern Hebrew (HBR)

### 1010 Hebrew Level I

An introduction to the Hebrew language designed to develop the linguistic skills necessary for personal, academic and professional life through practice in listening, speaking, reading and writing in Hebrew. *Credit: 3 semester hours.*

### 1020 Hebrew Level II

Continued development of the Hebrew language designed to develop the linguistic skills necessary for personal, academic and professional life through practice in listening, speaking, reading and writing in Hebrew. *Credit: 3 semester hours.*

## Hindi (HIN)

### 1010 Hindi Level I

An introduction to Hindi from a communicative approach to language learning. In conjunction with classroom instruction students are required to work in the language laboratory for one additional hour per week. *Credit: 3 semester hours.*

### 1020 Hindi Level II

Further training in Hindi language form a communicative approach to language learning. In conjunction with classroom instruction students are required to work in the language laboratory for one additional hour per week. *Credit: 3 semester hours.*

## Italian Course Offerings (ITA)

### 1000 Intensive Italian I; II

*Corequisite:* LLT 1011, Language Laboratory. 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 1010 Italian, Level I

*Corequisite:* LLT 1011, Language Laboratory. 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 1020 Italian, Level II

*Prerequisite:* ITA 1010. *Corequisite:* LLT 1011, Language Laboratory. 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 2000 Intensive Italian III and IV

*Prerequisite:* Italian 1020 The intermediate levels of the Italian language 2030 and 2040 are offered as a single intensive course. Laboratory Fee, \$50 *Credit: 6 semester hours.*

### 2030 Italian, Level III

*Prerequisite:* ITA 1020. *Corequisite:* LLT 1011, Language Laboratory. 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 2040 Intermediate Italian Conversation

*Prerequisite:* ITA 2030. *Corequisite:* LLT 1011, Language Laboratory. 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. Laboratory fee, \$25. *Credit: 3 semester hours.*

### 3080 Italian Contemporary Readings

*Prerequisite:* Italian 2040 or see the Coordinator. 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 300 level work in Italian language, literature, and culture. Conducted entirely in Italian. Laboratory fee, \$50

### 3090; 3100 Masterpieces of Italian Literature I; II

*Prerequisite for non-majors: Permission of the Chair.* ITA 3090 is a prerequisite for ITA 3100. 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. *Credit: 3 semester hours.*  
*Note: ITA 3100 is a Prerequisite for all advanced ITA courses.*

**3110; 3120 Advanced Italian Conversation**  
 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 hours.*

**3150 (online) Review of Italian Grammar**  
*Prerequisite:* Italian 2040 or equivalent. 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. For the intermediate student who has previous knowledge of Italian or as a remedial course for students who need to strengthen their grammar and writing after a lapse in their course of study. *Credit: 3 semester hours.*

### 3240 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. Course conducted in English. Not applicable to major sequence. *Credit: 3 semester hours.*

### 3260 Italian Cinema, from Neo-Realism to the Present

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. *Credit: 3 semester hours. Course is conducted in Italian.*

### 3530 Italian Renaissance Art and Literature

This course, taught in English, is an investigation of classical humanism in Italian literature and art. Emphasis will be put on the manifestation of Renaissance ideas in the cities of Florence and Rome. *Credit: 3 semester hours.*

### 3540 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. *Credit: 3 semester hours.*

### 3550; 3560 Civilization of Italy

The history, geography, art, science, music, literature, folklore, politics, habits and customs that have contributed to the shaping of Italian civilization and culture. *Credit: 3 semester hours.*

### 3570 Studies in Italian Culture

A study of the diversified elements comprising the background of the culture and civilization of Italy. Course conducted in English. *Credit: 3 semester hours. This course is not applicable to the major.*

### 3580 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.*

### 3590 Italian Lyric Poetry

The evolution of Italian lyric poetry from the Scuola Siciliana through the Dolce Stil Nuovo, culminating with a study of Petrarch's Canzoniere. *Credit: 3 semester hours.*

### 3600 The Italian Novella

This course traces the development of the Italian novella, culminating with a study of Boccaccio's Decameron. *Credit: 3 semester hours.*

### 3620 Italian Renaissance Literature

Major literary figures of the Rinascimento. Emphasis on chivalric and epic poetry, political thought, theatre and Petrarchism. *Credit: 3 semester hours.*

### 3670 The Modern Italian Novel

The development of the modern Italian novel seen against its historical and social background. Emphasis is placed on the novels of Svevo, Pirandello, Moravia, Pavese, Vittorini and Calvino. *Credit: 3 semester hours.*

### 3680 The Modern Italian Theatre

The evolution of the modern Italian theatre from the groteschi to the experimental theatre of today; the works of Rosso di San Secondo, Chiarelli, Pirandello, Betti, De Filippo and others. *Credit: 3 semester hours.*

### 3690 Italian Poetry of the 19th-Century

*Prerequisite:* ITA 3100. A study of Italian poetry of the 19th-century as reflected in representative poets of the period: Foscolo, Leopardi, Pascoli, Carducci, D'Annunzio. *Credit: 3 semester hours.*

### 3700 Italian Novel of the 19th-Century

*Prerequisite:* ITA 3100. A study of the Italian novel of the 19th-century as reflected in representative novelists of the period: Manzoni, Verga, D'Annunzio, Svevo. *Credit: 3 semester hours.*

### 3740 Contemporary Italian Fiction

A study of contemporary Italian fiction: Sperimentalismo, the Neo-Avant-Garde and Post-Modernism. Selected works are analyzed with respect to structure, techniques, themes and language. *Credit: 3 semester hours.*

### 3750 Advanced Italian for Business

*Prerequisite:* ITA 2040. The language and the practices of Italian business. *Credit: 3 semester hours.*

### 3760 Contemporary Italy

This course studies all aspects of contemporary life in Italy. *Credit: 3 semester hours.*

### 3810; 3820 La Divina Commedia

Dante's masterpiece, with particular emphasis on its literary and philosophical significance. *Credit: 3 semester hours.*

### 3870; 3880 Italian Advanced Grammar and Composition

A study of difficult points of Italian grammar and syntax, intensive composition practice and translation of selected passages into idiomatic Italian. *Credit: 3 semester hours.*

### 3900 Art and Skills of Translation

*Prerequisite:* Working knowledge of ITA and permission of the instructor. 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. *Credit: 3 semester hours.*

### 4990 Seminar in Italian Literature

*Credit: 3 semester hours.*

### 4953 Independent Study

Guided undergraduate student research arranged on an individual basis. Permission of the chair and the language area coordinator required. *Credit: 3 semester hours.*

## Latin Course Offerings (LAT)

### 1010; 1020 Elementary Latin I; II

*Prerequisite:* LAT 1010 is a *Prerequisite* for LAT 1020. 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.*

### 2030; 2040 Intermediate Latin

*Prerequisite:* LAT 1020. First Semester: Various prose selections (Nepos, Cicero, etc.) Second Semester: Selections from Vergil. *Credit: 3 semester hours.*

### 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.*

## 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.*

### 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.*

### 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 the department. 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 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 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.*

### 1000C Linguist 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. *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.*

### 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.*

### 2122 Women Writers in Italy

Italian women writers have played an important role in the cultural and social milieu of Italy from the 12th century to the present. This course focuses on issues that have permeated women's writings in an everchanging political and social scene. *Course is taught in English and is an elective for the women studies minor. Credit: 3 semester hours.*

### 3980 French International Internship

*Prerequisite: Permission of Chair.* Total immersion experience in a field of interest chosen by the student in a country in which the target language is spoken. *Credit: 3 semester hours.*

### 3980 Italian International Internship

*Prerequisite: Permission of Chair.* Total immersion experience in a field of interest chosen by the student in a country in which the target language is spoken. *Credit: 3 semester hours.*

### 3980 Spanish International Internship

*Prerequisite: Permission of Chair.* Total immersion experience in a field of interest chosen by the student in a country in which the target language is spoken. *Credit: 3 semester hours.*

## Portuguese (POR)

### 1010 Portuguese, Level I

This course aims to develop basic communication skills in Portuguese. 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 Portuguese culture. *Laboratory fee, \$50. Credit: 3 semester hours.*

### 1020 Portuguese, Level II

*Prerequisite:* POR 1010. This course continues to develop basic communication skills in Portuguese. 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 Portuguese culture. *Laboratory fee, \$50. Credit: 3 semester hours.*

## Russian Course Offerings (RUS)

### 1010 Russian, Level I

*Language Laboratory.* This course aims to develop basic communication skills in Russian. 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 Russian culture. *Laboratory fee, \$25. Credit: 3 semester hours.*

### 1020 Russian Level II

*Prerequisite:* RUS 1010. *Language Laboratory.* This course continues to develop basic communication skills in Russian. 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 Russian culture. *Laboratory fee, \$25. Credit: 3 semester hours.*

### 2030 Russian, Level III

*Prerequisite:* RUS 1020. *Language Laboratory.* This course reviews the basic skills learned in Russian I and II and continues building oral and written proficiency with more intensive reading and conversation within the context of Russian culture. *Laboratory fee, \$25. Credit: 3 semester hours.*

### 2040C Intermediate Russian Conversation

*Prerequisite:* RUS 2030. *Language Laboratory.* Russian Conversation is based on life and culture that integrates discrete grammar points in communicative activities, which simulate real-life context. In conjunction with the classroom instruction, the student is required to work in the language laboratory for one additional period a week. *Laboratory fee, \$25. Credit: 3 semester hours.*



**3090 Masterpieces of Russian Literature I**

*Prerequisite for non-majors: Permission of the Chair.* Lectures and analytical discussions on the most representative works by Russian authors from 1140 to the present. The course is conducted in Russian. *Credit: 3 semester hours.*

**3110; 3120 Advanced Russian Conversation**

Drill and practice in conversational Russian. Topics are selected to meet the requirements of daily life. Not open to native or fluent speakers. *Credit: 3 semester hours.*

**3230 Dostoyevsky**

A critical analysis of Dostoyevsky's major novels, with particular emphasis on his ideology and aesthetics. Course conducted in English. No knowledge of Russian required. *Credit: 3 semester hours.*

**3550; 3560 Civilization of Russia**

This course features the history, geography, art, science, music, literature, politics and customs which have contributed to the shaping of Russian civilization and culture. *Credit: 3 semester hours.*

## Spanish Course Offerings (SPA)

**1010 Spanish, Level I**

*Language Laboratory.*

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. *Laboratory fee, \$25. Credit: 3 semester hours.*

**1020 Spanish, Level II**

*Prerequisite: SPA 1010. Language Laboratory.*

This course continues to develop 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. *Laboratory fee, \$25. Credit: 3 semester hours.*

**2030 Spanish, Level III**

*Prerequisite: SPA 1040. Language Laboratory.*

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. *Laboratory fee, \$25. Credit: 3 semester hours.*

**2040 Intermediate Spanish Conversation**

*Prerequisite: SPA 2030. Language Laboratory.*

This course reviews the basic skills learned in Spanish I, II and III and continues building oral proficiency with more intensive conversation within the context of Hispanic culture. *Laboratory fee, \$25. Credit: 3 semester hours.*

**2050 Readings in Modern Spanish**

*Prerequisite: SPA 2030.* This course is structured to meet the needs and abilities of nonlanguage majors. Discussion in the foreign language. *Credit: 3 semester hours.*

**3090; 3100 Masterpieces of Hispanic Literature I; II**

*Prerequisite for non-majors: Permission of the Chair. SPA 3090 is a prerequisite for SPA 3100.* 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. Note: SPA 3100 is a prerequisite for all advanced SPA courses.*

**3110; 3120 Advanced Spanish Conversation**

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.*

**2150 Spanish for Law-Related Careers**

*Prerequisite: SPA 2040 or permission of instructor.* A study of grammatical structures and specialized vocabulary to enable law-oriented students to communicate with Spanish speakers in legal matters. *Not applicable to the major sequence. Credit: 3 semester hours.*

**2170 Spanish for Medical Personnel**

*Prerequisite: SPA 2040 or permission of instructor.* A study of specialized vocabulary and structures required for medically oriented students to communicate with patients at a basic level. Not applicable to the major sequence. *Credit: 3 semester hours.*

**2350 Spanish for Bilingual Hispanics**

*Prerequisite: Permission of the department.* A study of correct written and spoken Spanish for Bilingual Hispanics. *Credit: 3 semester hours.*

**2360 Review of Spanish Grammar**

*Prerequisite: SPA 2040 or 2050 or permission of the department.* A thorough review of Spanish grammar intended as preparation for more advanced composition courses. Course conducted in Spanish. *Credit: 3 semester hours.*

**3450 Spanish Feminism.**

How women writers and thinkers of the 19th and 20th centuries negotiated their position in the public spheres of creative and intellectual pursuits. *Credit: 3 semester hours.*

**3550 Civilization of Spain**

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**

The history, geography, art, science, music, literature, folklore, politics, habits and customs that have contributed to the shaping of Spanish-American civilization and culture. *Credit: 3 semester hours.*

**3570 Medieval Spanish Literature**

A survey of Spanish medieval literature from the Poema de Mio Cid up to La Celestina. Reading and discussion of important literary figures and their works. *Credit: 3 semester hours.*

**3580 Works of Cervantes I**

An in-depth study of Don Quijote. *Credit: 3 semester hours.*

**3600 Contemporary Spain**

A study of all aspects of contemporary Spanish life. *Credit: 3 semester hours.*

**3610; 3620 Spanish Golden Age Literature I; II**

A study of the major literary genres and the principal writers and works of the period. *Credit: 3 semester hours.*

**3640 19th-Century Spanish Literature**

A study of Romanticism and Realism in Spain through readings and discussions of the most important writers of these periods. *Credit: 3 semester hours.*

**3690 Contemporary Spanish America**

A study of the place of Spanish America in modern art and science, letters, architecture and music, and of the political, social and economic problems confronting the Spanish American countries in our times, with a reflection on the past. *Credit: 3 semester hours.*

**3700 The Spanish-American Novel**

An analysis of the development and significance of the Spanish-American novel. Emphasis on contemporary novelists. *Credit: 3 semester hours.*

**3710 The Essay in Spanish-American Literature**

A study of the origin and development of the essay in Spanish-American literature. *Credit: 3 semester hours.*

**3730 Spanish American Short Story**

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 Literature of Spain from the Generation of 1898 to the Civil War**

Readings and discussion on the interpretation of the social and literary significance of Baroja, Valle Inclán, Unamuno, Azorín, Ortega y Gasset, and others from the "Generation of '98." *Credit: 3 semester hours.*

**3780 Spanish Literature After the Civil War**

A study of the principal literary genres and the representative works of the period. *Credit: 3 semester hours.*

### **3870 Advanced Spanish Grammar and Composition I**

A study of difficult points of Spanish grammar and syntax with translation of selected passages into idiomatic Spanish.

*Credit: 3 semester hours.*

### **3840 Contemporary Hispanic Theater**

An analysis of the most representative plays of the contemporary Hispanic theatre.

*Credit: 3 semester hours.*

### **3880 Advanced Spanish Grammar and Composition II**

A study of difficult points of Spanish grammar and syntax with translation of selected passages into idiomatic Spanish. *Credit: 3 semester hours.*

### **3900 Art and Skills of Translation**

*Prerequisites:* Working knowledge of SPA and permission of the instructor. This course addresses translation from theoretical and practical points of view. Students are expected to translate a wide range of texts from Spanish to English. *Credit: 3 semester hours.*

### **4770 Spanish Literature of the 19th Century**

A study of the literary movements of the 19th century in their cultural and historical perspectives. *Credit: 3 semester hours.*

### **4953 Independent Study**

Guided undergraduate student research arranged on an individual basis. Permission of the chair and the language area coordinator required. *Credit: 3 semester hours.*

### **4990 Seminar**

*Prerequisite:* Permission of the Chair. This course aims at eliminating lacunae. *Credit: 3 semester hours.*

## **Mathematics (MTH)/ Computer Science (CSC)**

### **Major Sequences**

#### **Mathematics (MTH)**

##### **B.A.**

40 semester hours including: CSC 1390; MTH 1730, 1740, 2750, 2760, 2700, 2790, 3770, 3780, 4830, 3840, 4990. In addition, MTH majors on the Queens campus take PHY 1930; 1940. MTH majors on the Staten Island campus take PHY 1440; 1450.

##### **B.A./M.A.**

Students admitted to the accelerated B.A./M.A. Program in Mathematics take, as their major sequence for the baccalaureate degree, 37 semester hours including CSC 1390; MTH 1730, 1740, 2700, 2750, 2760, 2790, 3770, 3780, 3840 and 4990. In addition, Mathematics majors on the Queens campus must take PHY 1930; 1940, on the Staten Island campus PHY 1440;1450. Students must

complete two 100-level graduate courses during their junior year and MTH 207 and 208 during their senior year, for a total of 12 graduate credits. Eligibility requires a 3.0 overall index with a 3.25 index in the major. For additional program requirements, consult the St. John's University Graduate Bulletin.

##### **B.S.**

55 semester hours including: CSC 1390; MTH 1730, 1740, 2750, 2760, 2700, 3770, 3780, 2790, 3840, 2800, 3810, 4830, 4990 and nine elective credits in MTH. In addition, MTH majors on the Queens campus take PHY 1930; 1940. Majors on the Staten Island campus take PHY 1440; 1450.

#### **Computer Science (CSC)**

*(Offered on Staten Island campus only.)*

B.S. 30 semester hours in CSC and 14 semester hours in MTH including: CSC 1400, 1410, 2420, 2450, 2470, 2480, 4990, and nine elective credits in computer science. All CSC majors must take MTH 1050, 1730, 1740, 2540 and PHY 1440.

### **Minor Sequences**

#### **Mathematics**

25-26 semester hours: CSC 1390, MTH 1730, 1740, 2750, 2760, 2790 and one elective in mathematics.

#### **Computer Science**

*(offered on Staten Island only).* 21 semester hours: CSC 1400, 1410 and five courses from among CSC 2370, 2420, 2430, 2440, 2450, 2460, 2470, 2480, 2490, 2500, MTH 2540.

#### **Information Science**

18 semester hours: CSC 1020, [1400 or 1350], 2490 and nine elective credits chosen from CSC 1410, 1470, 2450, 2480, 2640.

## **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 Pre-Calculus and Trigonometry**

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 with Business Applications**

Algebraic concepts and techniques as applied to economics and other business mathematics with an emphasis on "real world" computations. *Open to The Peter J. Tobin College of Business students only.* *Course does not satisfy St. John's University Core Curriculum requirements.* *Credit: 3 semester hours.*

**1310 Pre-Calculus with Business**

Applications (formerly MTH N36/12)  
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.*

**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 Secondary Education minors only. Not applicable to major or minor sequences.*  
*Credit: 3 semester hours.*

**1730 University Calculus I**

*Prerequisite:* Satisfactory grades in Trigonometry and Advanced Algebra or MTH 1050. Analytic geometry; 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**

*Prerequisite:* MTH 1730. *Corequisite:* CSC1390. Definite Integral and applications. Techniques of integration. Analytic Geometry. *For Mathematics, pre-engineering, chemistry and physics majors.* *Credit: 4 semester hours*

**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. *Open to The Peter J. Tobin College of Business students only.*  
*Credit: 3 semester hours. (SI)*

**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. (SI)*

**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**

*Prerequisites:* MTH 1740, 2700 Vectors and vector spaces; linear transformations and matrices; characteristic values and characteristics vectors of linear transformations; similarity of matrices. *Credit: 3 semester hours.*

**2800 Introduction to Modern Algebra**

*Prerequisites:* MTH 2750, 2700 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.*

**3370 Advanced Calculus I**

*Prerequisites:* MTH 2760, 2700. *Corequisite:* Advanced Calculus I Recitation. 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:* Advanced Calculus II Recitation. 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 2760 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 2760. 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 2760. 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. 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 (16 hours per week). See MTH 4970. *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 Variables**

*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 is a prerequisite for CSC 1015. Basic computer concepts. Programming of numeric and nonnumeric problems, computer application in various disciplines. *Credit: 3 semester hours.*

#### **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. (SI)*

#### **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. (SI)*

#### **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**

*Prerequisites:* CSC 1010 or 1390 and 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. (SI)*

#### **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, multiprogramming, 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. (SI)*

### 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. (SI)*

### 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. (SI)*

### 4906 Internship in Computer Science

Restricted registration. Fieldwork (16 hours per week). See CSC 4903. *Credit: 6 semester hours. (SI)*

### 4990 Seminar in Computer Science

Restricted registration. Reading, discussion, and investigation of special topics in computer science. *Credit: 3 or 4 semester hours. (SI)*

## Philosophy (PHI)

### Major Sequence

36 semester hours including: PHI 1000C, 2200C, 3000C, 3400, 4900, three of the following four (3500, 3510, 3520, 3530), plus four electives chosen from any other PHI course offerings except PHI 2220C and PHI 2240C.

### Minor Sequences

#### Philosophy

18 semester hours including: PHI 1000C, 2200C, 3000C; and three electives chosen from any PHI course offering except PHI 2220 and 2240.

#### Philosophy of Science

18 semester hours including: PHI 1000C, 2200C, 3000C, 3800; and two of the following: PHI 2320, 3810, 3820, 3720.

#### Philosophy of Law

21 semester hours including: PHI 1000C, 2200, 3000C, 3400, 3650; and two of the following: PHI 3420, 3540, 3660, 3680, 3740, and CLS 2600.

## Philosophy Course Offerings (PHI)

### Core Philosophy Courses

#### 1000C Philosophy of the Human Person

An investigation 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

### 2320 Science and Religion: A Philosophical Analysis

*Prerequisites:* PHI 1000C and three credits 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.*

### 2330 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, Gilson, Maritain, 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.*

### **3560 Themes in the Philosophy of Aquinas**

*Prerequisite:* PHI 3000C. A critical examination of the philosophy of St. Thomas Aquinas based on texts which illustrate the scope and originality of his thought. *Credit: 3 semester hours.*

### **3570 Personalism**

*Prerequisite:* PHI 2200. 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.*

### **3580 Major Women Philosophers of the 20th Century**

*Prerequisite:* PHI 1000C. This course examines the philosophical perspectives of Edith Stein, Hannah Arendt, Simone de Beauvoir, Ayn Rand, Iris Murdoch and Martha Nussbaum. Discussions include their roles in the history of philosophy and contributions to feminist thought. *Credit: 3 semester hours.*

### **3590 Confucianism and Taoism**

*Prerequisite:* PHI 3000C. Readings of texts in Confucianism and Taoism that have shaped the philosophical traditions in China, Korea and Japan. Topics explored include the dignity and moral destiny of the person, the unity and harmony between humans and nature and the aesthetic and religious components in human experience. *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 aesthete. *Credit: 3 semester hours.*

### **3650 Philosophy of Law**

*Prerequisite:* PHI 3000C. 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 2200. 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 the 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 2200. 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.*

### **3710 Medical Ethics**

*Prerequisite:* PHI 2200. A critical analysis of current problems in social and medical ethics, with an effort to resolve these problems where possible in the light of a realistic ethical and social philosophy. *Credit: 3 semester hours.*

### **3720 Environmental Ethics**

*Prerequisite:* PHI 2200. A philosophical 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 2200. 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 credits 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 credits 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**

*Prerequisites:* PHI 3000C, and three credits in the physical/biological sciences. An issues-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. Cf. LIN3910. *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

31 credit hours of physics, including: PHY 1930, 1940, 1950, 1970, 2460, 3210, 3221 and 3330, and two elective upper level courses within the department. 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*

At least 15 credit hours in mathematics, MTH 1730, 1740, 2750, and 3840. Elective courses in mathematics and computer science are recommended.

#### Mathematical Physics

23–26 credit hours of physics including: PHY 1930, 1940, 1950, 1970, 2460, 3210, 3310 and 3330. PHY 1950 is waived for students having a prior calculus course. College Physics I–II (PHY 1620–1630) may be substituted for PHY 1930–1940 *with permission from the physics chairperson.*

At least 19 credit hours in mathematics and computer science, including MTH 1730, 1740, 2750 and 2760, and CSC 1390. At least one elective upper level course in mathematics or physics approved by the advisor.

#### Physical Science

37 semester hours including: PHY 1930, 1940, 1950, 1970, and 23 elective credits approved by the department. PHY 1950 is waived for students having a prior calculus course.

#### Engineering and Physical Science

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.

### Biomedical Engineering and Physical Science B.S./M.S. Sequence

The Biomedical BS-MS curriculum is a five-year sequence offered jointly by St. John's University and Polytechnic University. The first three years of scientific fundamentals are completed at St. John's College on the Queens campus only. Candidates who attain a 3.0 average or better then transfer to the graduate Biomedical Engineering Program at Polytechnic University to complete two years of graduate study.

Upon successfully completing the program, the student receives a B.S. degree from St. John's University and an M.S. degree from Polytechnic University. For additional program information, consult the Physics section of this bulletin. During the first three years candidates complete core requirements for a Bachelor of Science degree and the

following: PHY 1930; 1940, 1970, 2150, 3100, MTH 1730; 1740, BIO 1210; 1220, and CHE 1110; 1120; 1130 or CHE 1210; 1220; 2230; 2240 and two elective courses approved by the department. PHY 1950 is waived for students having a prior calculus course.

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 Polytechnic University.

### Physical Science Certificate Program

The Physical Science Certificate Program is a two-year sequence that provides flexible options for the student interested in engineering, physics, or mathematics. The program is intended to provide the first two years toward a degree in engineering, physics, or mathematics. Students attaining a minimum quality point index of 2.5 and 62 credits of course requirements are awarded the Physical Science Certificate. This certifies that the student is prepared to continue with several options:

- (1) Continue at St. John's University to complete a B.S. degree in physics, physical science, mathematical physics, or mathematics;
- (2) Transfer into the third year of an engineering college and complete an engineering degree;
- (3) Continue in St. John's 3–2 engineering program and receive two degrees, a B.S. in physical science from St. John's College and a B.E. degree from the engineering school.

Candidates take 18 credits of Core requirements and the following: PHY 1930, 1940, 1950, 1970, 2110, 2150, 3210, 3230; CSC 1010 or 1390, MTH 1730, 1740, 2750, 2760. PHY 1950 is waived for students having a prior calculus course. Additional courses will be specified by the Physics Department in accordance with the student's preparation and career interest.

To assure an orderly sequence of studies, students must have the approval of the Physics Department in St. John's College for each semester's courses. Some modifications of the requirements can be accepted when approved by the department.

### Minor Sequence

16 semester hours including: PHY 1610, 1620 or PHY 1930, 1940 with remaining credits from PHY courses selected under department advisement.

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## 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 the: 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

A comprehensive study of energy production, distribution, and consumption. Physical principles and technological problems. Environmental aspects; energy crisis, past and future. Future energy sources and their management. *No prior study of physics required. Credit: 3 semester hours.*

### 1140 Introduction to Space Science

A survey of man's exploration of space. Principles of rocketry and spaceflight. Artificial satellites, deep space probes and exploration of planets. Manned space flight. Future spaceships, space-stations, colonies in space. *No prior study of physics required. Credit: 3 semester hours.*

### 1170 Universe: Introduction to Scientific Cosmology

Relativity theory and the description of gravity as a space-time warp; Big Bang cosmology and

the expanding universe; the formation of galaxies and stars; gravitational collapse and black holes. *No prior study of physics required. Credit: 3 semester hours.*

### 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.*

### 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:* Calculus. 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 nonscience 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 including: 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. *Corequisite:* PHY 1611 Laboratory and PHY 1612 Recitation are corequisites for PHY 1610. PHY 1621 Laboratory and PHY 1622 Recitation 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. *Corequisite:* PHY 1950 or MTH 1730. PHY 1931 Laboratory and PHY 1932 Recitation are corequisites for PHY 1930. PHY 1941 Laboratory and PHY 1942 Recitation 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 1952 Recitation. 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 1620/1940, and 1972 Recitation. 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.*

### 2110 Engineering Mechanics

*Prerequisite:* PHY 1620 or 1940. *Corequisite:* PHY 2112 Recitation. 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:* PHY 1620 or 1940 and calculus. 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**

*Prerequisites:* PHY 1620 or 1940 and calculus. 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.*

**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 Basic Electronics**

*Prerequisite:* PHY 1450 or 1600 or 1620 or 1940. *Corequisite:* PHY 3241 *Laboratory.* An introduction to the principles of electrical measurements and electronics. The use and operation of vacuum tubes and transistors, amplifiers, rectifiers, oscillators and modulators. Application to instrumentation in both physical and bio-medical fields, including transducers, recorders and read-out devices. *Lecture, 3 hours. Laboratory, 2 hours. Credit: 4 semester hours. Laboratory fee, \$25.*

**3250 Optics**

*Prerequisites:* PHY 1620 or 1940 and calculus or PHY 1950. 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 permission of the 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.*

**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:* PHY 1940, MTH 1730. *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.*

**3510 Electrical Systems**

*Prerequisites:* PHY 1940 or PHY 1620, and MTH 1740. 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.*

**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.*

**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**

38 semester hours including: PSY 1000C, 2030, 2040, 2150, 3260, 3800, 4990. In addition, majors must choose one course from each of the groupings below:  
Group 1—Abnormal/Personality/ Social Psychology  
PSY 2200, 2210, 2220, 3320  
Group 2—Developmental Psychology  
PSY 2070C, 2080C, 2090  
Group 3—Experimental Psychology PSY 3270, 3280, 3290

Majors must also choose **two** elective courses from the remainder of the department's course offerings (including those not selected from the three-course groupings listed above). Students are required to take all courses in the Psychology 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.

**B.A./M.A.**

Students admitted into the accelerated B.A./M.A. program in psychology take, in addition to their liberal arts core requirements and B.A. free electives, 28 undergraduate and 15 graduate courses in psychology and three graduate credits outside of the department. In their fifth year, students pursue full-time graduate work completing the balance of credits necessary to meet all degree requirements. Eligibility requires a 3.5 cumulative index with a 3.5 index in PSY. For additional program information consult the St. John's University Graduate Bulletin.

**Minor Sequence**

18 semester hours: PSY 1000; two courses from PSY 2030, 2040, 2150, 3260, 3270, 3290, 3800; two courses from 2070C, 2080C, 2090, 2200, 2210, 2220, 2230, 2240, and one additional course from among the courses offered by the department. Students are required to take all courses in the psychology minor in the Psychology Department of St. John's College once they declare the minor.

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## 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.*

### Research Methods

#### **2030 Statistical Methods for the Social Sciences**

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 the first semester after declaring the psychology major.*

*Credit: 4 semester hours.*

#### **2040 Research Methods in Psychology**

*Prerequisites:* PSY 1000 and 2030. An overview of the methods and procedures of psychological science. Observational, survey, correlational, experimental and quasiexperimental approaches to research are covered. The application of theory and hypothesis to the design and analysis of research is stressed. Practicum work focuses on studies of human behavior and how to write 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.*

#### **3040 Experimental Psychology Laboratory**

*Prerequisite:* PSY 2040. Student experimentation and supervised research; group projects involving original research; participation in ongoing research projects. *Laboratory, 6 hours.*

*Credit: 3 semester hours.*

#### **3260 Introduction to Psychological Measurement**

*Prerequisites:* PSY 1000 and 2030. 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.*

#### **2090 The Psychology of Adult Development**

A consideration of the years between adolescence and old age with particular emphasis on the findings of contemporary psychological research. *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 1000. 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.*

#### **2220 Child and Adolescent Psychopathology**

*Prerequisite:* PSY 1000. This course considers the major diagnostic, etiologic and treatment issues for and psychological disorders of childhood and adolescence. The developmental course of each disorder and the role of biological, psychological and sociocultural factors and their interaction with the environment will be addressed.

*Credit: 3 semester hours.*

#### **2230 Psychology of the African American Experience**

This course examines 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.*

#### **2240 Psychology of Women**

Psychological theories and research on women and gender throughout the lifespan will be covered to understand the biological and psychosocial influences that effect women's lives. *Credit: 3 semester hours.*

#### **3220 Introduction to Clinical Psychology**

*Prerequisites:* PSY 1000 and 2220. An introduction to clinical psychology including history, development of models and their application, assessment and treatment.

*Credit: 3 semester hours.*

#### **3320 Social Psychology**

*Prerequisite:* PSY 1000. 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.*

#### **3330 Industrial and Personnel Psychology**

*Prerequisite:* PSY 1000. Psychological aspects of individual differences, efficiency, working conditions, accident prevention, human engineering, industrial mental health and counseling. *Credit: 3 semester hours.*

### Experimental Psychology

#### **2150 Physiological Psychology**

*Prerequisite:* PSY 1000. 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**

*Prerequisites:* PSY 1000 and 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 1000. 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 Experimental Psychology of Sensation and Perception**

*Prerequisites:* PSY 1000 and 2030. *Prerequisite or corequisite:* PSY 2150. 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.*

## 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.*

### 3800 History and Systems of Psychology

*Prerequisites:* PSY 1000 and at least nine other PSY credits. 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.*

### 4903 Fieldwork in Psychology

*Prerequisites:* At least 12 credits 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.*

### 4953 Independent Study

*Prerequisites:* PSY 2040 and permission of faculty member. Independent work in an area of the student's own selection under the guidance of a faculty member. *Credit: 3 semester hours.*

### 4990 Seminar

*Prerequisites:* PSY 2040 and at least 21 additional credits in PSY. A capstone course involving research and discussions on select psychological topics and problems. *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.

## Rhetoric, Communication and Theatre (RCT)

### Major Sequences

#### Public Address

36 semester hours including: SPE 1000C or HON 1020C, RCT 4990; and 21 credits from RCT 2000, 2020, 2040, 2050, 2060, 2090, 3130, 3140, 3150, 3170, 3180, 3190, 4000; and nine elective credits in RCT.

## Minor Sequences

#### Public Address

18 semester hours including: SPE 1000C or HON 1020C; three credits from RCT 1015, 2015, 2025, 1155, 2110, 3135; 12 credits from RCT 2000, 2020, 2040, 2050, 2060, 2090, 3130, 3140, 3150, 3170, 3180, 3190, 4000.

#### Business Communication

15 semester hours including: SPE 1000C or HON 1020C and RCT 2020, RCT 2025, RCT 2050 or HON 2090 and one approved elective.

#### Religious Communication

18 semester hours including: SPE 1000C or HON 1020C, RCT 3190; nine credits from RCT 1015, 1050, 2020, 2060, 2110, 3130, and three elective RCT credits.

#### Theatre

18 semester hours including: SPE 1000C or HON 1020C, and RCT 2110, 1540, 2540; and six credits from RCT 1050, 1520, 1560, 1575, 1580, 1585, 1590.

#### Musical Theatre

18 semester hours including: nine semester hours in RCT 1510 or 1530, RCT 1540, MUS 1260; three semester hours in Voice (MUS 1620\*, MUS 1630); six semester hours chosen from among RCT 1580, 2540, 1520, 1590, MUS 1070, 1230, 1240. \*MUS 1620 may be repeated twice.

#### Communication

(Staten Island campus)

15 semester hours including SPE 1000C or HON 1020C and RCT 1015, 2020 and six credits from RCT 1050, 1155, 1510, 1540, 2000, 2015, 2025, 2110, 4953.

## Rhetoric, Communication and Theatre (RCT)

#### 1000C Fundamentals of Public Speaking

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 Speech and Debate Practicum

Study and practice of the principles and applications of various forms of public address as they relate to forensic competition. Satisfactory participation in varsity level forensic competitions required. *Credit: 1 semester hour for 35 hours of laboratory experience plus study. (SI)*

#### 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.*

#### 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.*

#### 2040 American Public Address

Analysis and evaluation of representative speakers and speeches in the history of American public address. *Credit: 3 semester hours.*



### **2045 Listening and Communication Consumership: Theoretical and Applied**

A study of critical and aesthetic listening perspectives. Critical analysis and evaluation of intrapersonal, interpersonal, and public communication. Emphasis is placed on developing listening competence.

*Credit: 3 semester hours. (SI)*

### **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.*

### **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.*

### **3135 Human Communication Behavior and Group Process**

Study of the discussion process; application of communication skills in discussion; language patterns, reflective thinking and group dynamics. *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.*

### **3155 General Semantics**

Study of the process and problems of communicating and interpreting meaning through the medium of words and verbal symbols. *Credit: 3 semester hours. (SI)*

### **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. *c.f. THE 3615* *Credit: 3 semester hours.*

### **4903 Internship in Speech Communications**

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 Communications**

Restricted registration. Fieldwork (16 hours per week). See RCT 4903. *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.*

## **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. Craft skills of writing for stage performance. Analysis of the basic play architecture, problems of character development, dialogue and plot. Student scripts and exercises are read and analyzed in class. *Credit: 3 semester hours.*

### **1570 Stagecraft I**

*Prerequisite:* Permission of the instructor. First Semester: 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:* Permission of the instructor. Supervised laboratory experience in technical theatre production. Students further skills and knowledge of technical theatre throughout practical application in departmentally approved productions. *Credit: 1 to 3 credits per semester. 1 semester hour requires 45 hours of laboratory work. Repeatable to maximum of 3 credits.*

### **1580 Theatre Laboratory: Acting**

*Prerequisite:* Permission of the instructor. Supervised laboratory experience in acting. Students further their skills, and knowledge of acting in a departmentally approved production or project. *Credit: 1 to 3 credits per semester. 1 semester hour requires 45 hours of laboratory work. Repeatable to a maximum of 3 credits.*

### **1585 Theatre Laboratory: Directing**

*Prerequisite:* Permission of the instructor. Supervised laboratory experience in directing. Students further their skills and knowledge of directing in a departmentally approved project. *Credit: 1 to 3 credits per semester. 1 semester hour requires 45 hours of laboratory work. Repeatable to a maximum of 3 credits.*

### **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. *Laboratory fee, \$10. Credit: 3 semester hours.*

### **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.*

## Sociology (SOC)/ Anthropology (ANT)

**Major Sequences****Sociology**

33 semester hours, including SOC 1000C, 1170, 2610, 3240, 4270, 4990; and 15 elective hours in SOC.

**Sociology B.A./M.A.**

Qualified students admitted to the 5-year B.A./M.A. program in SOC or the B.A./M.A. program in Sociology and Criminology and Justice are required to complete SOC 1000C, 1170, 2610, 3240, 4270, 4990, plus a minimum of three undergraduate elective hours in SOC. The remaining 18 semester hours in SOC must include a minimum of 12 graduate credits by the end of 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.

**Anthropology**

30 semester hours, including ANT 1000, 1010, 1020, 4990, SOC 1000C, 2610, 4270 and nine semester hours in ANT.

**Special Note for Double Majors**

A student may major in both SOC and ANT. However, only SOC 1000C may be used to satisfy both major sequences. A double major must complete a total of 60 semester hours in SOC and ANT.

**Minor Sequences****Sociology**

18 semester hours, including SOC 1000C and 15 elective credits in SOC. All social science majors may satisfy the requirements for this minor with 15 credits, including SOC 1000C and 12 elective credits in SOC.

**Anthropology**

18 semester hours: ANT 1010 and 1020 and the remaining credits from other ANT course offerings.

**Social Work**

18 semester hours, including SOC 1030, 1090, 4530, and the remaining credits from other SOC offerings. Under advisement, HSE courses may apply to the minor. However, all HSE students must take SOC 1030. All social and behavioral science majors may satisfy the requirements for this minor with 15 credits 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 methods 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, postmodernism, postindustrialism, identity politics and technoscience are central to this course. *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.*

**1140 Sociology of Work**

The organization of work in industrial society, including the shape of the work force; human/technology interaction; satisfactions and dissatisfactions 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.*

**1180 Education and Inequality**

Schooling in contemporary society including the role that schools and family play in internalizing in pupils the capacities for successful performance in future adult 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.*

**1220 Sociology of New York City**

The New York metropolitan area is analyzed with a focus on social class, race, ethnic relations, housing, employment and poverty. The conditions of various communities and the fiscal state of government are also discussed. *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.*

**1590 Special Topics in Poverty Studies (Mini-Course)**

This course will explore the social causes of poverty and the everyday lives of poor people in specific national and global communities. Students, through direct involvement in the communities will be able to connect theory and practice. *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.*

### **2310 Sociology of Health and Medicine**

Sociological understanding of the organization, delivery and financing of health services in the contemporary United States, taking into account the political, social, and economic environment. *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 Sport and Leisure in Contemporary Society**

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.*

### **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.*

### **2550 Stress, Coping and Crisis Intervention**

Successful ways to cope with everyday stress, as well as traumatic events are covered. Stress theories and crisis intervention methods are applied to individuals, groups and communities experiencing serious difficulties. *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 1010. 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.*

### **3650 Sociology of Modern Organizations**

The sociological study of organizational goals, organizational structure, organizational processes, organizations in relation to their environment and to the individual; nature and

organization of work in society. *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, consultation with instructor prior to registration, grade of B or better in SOC 1090. 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

Biological and social aspects of human existence. African fossil evidence and the evolution of the first humans in ecological contexts. Population genetics, and social behavior of primates as clues to ourselves. *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 examination of the diverse social and cultural movements that have and are currently transforming the world. *Credit: 3 semester hours.*

### 1050 World Cultures: Yesterday and Today

Survey of major types of culture in the world. Special emphasis on points of the origin of American ethnic groups. Impact of modernization and culture change on traditional societies. *Credit: 3 semester hours.*

### 1060C Global Poverty

Failures of global policies to substantially change the conditions of the world's poor and solutions to ending poverty. *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.*

### 1130 Historical Archaeology

Foundations for the historical archaeology of European colonization and global capitalism, including archaeological techniques to uncover past constructions of race, ethnicity, class and gender. *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, and the 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. Cf. LIN 1155; SPE 1155*

### 1160 Society, Culture and Education

A study of the American educational institution in its social and cultural contexts. Relationships between the school and the youth sub-culture, the family, the mass media, the economy. Contemporary social currents, especially poverty, drug addiction and the job market, and how they affect the young and their schooling. *Credit: 3 semester hours.*

### 1190 Psychological Anthropology

Psycho-social development in cross-cultural perspective. Personality and cultural institutions in reciprocal relationship. Comparative analyses of personality maladjustments and human problems such as alcohol dependency. *Credit: 3 semester hours.*

### 1780; 1790 Off-Campus Topics in Multicultural and Multiethnic Studies I; II

Travel to another country or region of the United States for first-hand experience of another culture. Integration of academic knowledge from anthropology and related social and behavioral sciences and first-hand experience. *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.*

### 2760 South Asian Society

Introduction to sociological and anthropological study of South Asia. Continuity and change in social institutions and traditions of the region. *Credit: 3 semester hours.*

### 4200 Urban Fieldwork

This course provides a general introduction and overview of anthropological and sociological strategies for multicultural research in the United States and abroad. *Credit: 3 semester hours.*

### 4820 Archaeological Fieldwork (Mini-Course)

*Prerequisite:* Permission of instructor. Fieldwork practicum on concepts and techniques of archaeological excavation and teamwork. Survey or excavation of sites to be announced each year. Materials fee. *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 and 2100 (in sequence), 2205, [2210 or 2215], [2300 or 2310], 2500, 2810, 4990, three elective courses in the 3000 series and one course in the 3100 series.

### B.A./M.A.

B.A./M.A. students take a total of 42 credits including THE 1000C (see above note) and 2100 (in sequence), 2205, [2210 or 2215], [2300 or 2320], 2500, 2810, 4990 and one course in the 3100 series 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 12 graduate credits. Eligibility requires a 3.0 overall index and a 3.5 in THE. For additional program details, consult the St. John's University Graduate Bulletin.

### Minor Sequences

#### Theology and Religious Studies

18 semester hours including nine credits in the core and nine credits from any other course offerings of the department.

#### Interfaith Studies

18 semester hours including nine credits in the Core and nine credits selected under department advisement from among THE 1000, 2700, 2705, 2710, 2720, 2730, 2740. Note: Mini-courses are not applicable toward the THE major, B.A./M.A., 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. Minicourses may not be used to satisfy Core requirements.

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## 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.*

### **2100 Introduction to the Bible**

*Prerequisite:* THE 1000C. Introduction to the history, literary forms and theology of the Old and New Testaments. *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 Catholic Moral Theology**

*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.*

### **2500 History of the Church**

*Prerequisite:* THE 1000C. A survey of church doctrines and institutions, critical moments in church history and interpretive resources useful for understanding them. *Credit: 3 semester hours.*

### **2700 Introduction to Eastern Orthodoxy**

*Prerequisite:* THE 1000C. A survey of the churches of the Christian East, their doctrine and spiritual disciplines, and their differences from the churches of the Christian West. *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 ethical ideals of representative religious manifestations of the past and present. *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 Religions of India**

*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 Qu'ran and Sunnah and its role in the contemporary world. *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 The Mystery of Humanity**

*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 The Mystery of of 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. Open to both male and female students. *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 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 decisionmaking 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 The Theology of Peace: A Gospel Reflection on Violence and War**

*Prerequisite:* THE 1000C. The evolution of the Christian response to war and violence; the Gospel foundations; a historical survey of the "just war" theory; developments since World War II, especially the arms race and the nuclear question. *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:* 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 thematic 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 Issue 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**

*Prerequisite:* THE 1000C. The theological, historical, sociological and psychological aspects of marriage in the Jewish tradition. The life cycle and the role of family in Jewish religious life. Current concerns, issues, problems, and challenges. *Credit: 3 semester hours.*

**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, virginal 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.*

## 4010 The Jewish Religious Experience in New York (Mini-Course)

*Prerequisite:* THE 1000C. Course does not satisfy St. John's University Core requirements. An exploration of Jewish religious life in New York and the manner in which American life affected it. Field trips are required. Students responsible for some entrance fees.  
*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 permission of the instructor. 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. 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. 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. 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. 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.*

## Asian Studies

**Bernadette Li**, *Director and Professor*, B.A., National Taiwan University; M.A., University of Washington; Ph.D., Columbia University

**Nyo Chung**, *Adjunct Instructor*, B.A., M.A., Sang Myung College, Korea; M.A., Long Island University

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## Biology

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**Jaya Haldar**, *Professor*, B.S., M.S., University of Calcutta, India; Ph.D., University of London

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## Chemistry

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**István Lengyel**, *Professor Emeritus*, B.S., Lóránd Eötvös University of Sciences; Ph.D. Massachusetts Institute of Technology

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## Communication Sciences and Disorders

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**Donna S. Geffner**, *Professor*; Director of Speech and Hearing Center; Director of the M.A. Graduate Program in Speech-Language Pathology, B.A., CUNY, Brooklyn College; M.A., Ph.D., New York University; former President of ASHA

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## English

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**Lee Ann Brown**, *Associate Professor*, M.F.A., Brown University

**Gabriel Brownstein**, *Assistant Professor*, B.A., Oberlin College; M.F.A., Columbia University

**Scott Combs**, *Assistant Professor*, B.A., University of Chicago; M.A., Ph.D., University of California, Berkeley

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**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**, *Assistant Professor*, B.A. Swarthmore College; M.A., Ph.D., Rutgers University

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**Carmen Kynard**, *Assistant Professor*, B.A., Stanford University; M.A., CUNY; Ph.D., New York University

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**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

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**Derek Owens**, *Associate 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

**Jennifer Travis**, *Associate Professor*, B.A., Vassar College; M.A., Ph.D., Brandeis University

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## Fine Arts

**Elizabeth Albert**, *Assistant Professor of Art*, B.F.A., Boston University School for the Arts; M.F.A., CUNY, Queens College

**Joseph Adolphe**, *Assistant Professor of Art*, B.F.A., Alberta College of Art; M.F.A., School of Visual Arts

**Dan Ault**, *Adjunct Assistant Professor of Art*, B.A., University of South Florida; M.F.A., CUNY, City College of New York

**Ross W. Barbera**, *Associate Professor of Art*, B.F.A., St. John's University; M.F.A., Pratt Institute

**Linda Butti**, *Adjunct Assistant Professor of Art*, B.A., M.F.A., CUNY, Brooklyn College

**Frances Cappillo**, *Adjunct Assistant Professor of Music*, B.S., Brentwood College; M.S., Richmond College; M.A., Adelphi University

**Susan M. Cottle**, *Adjunct Assistant Professor of Art*, B.F.A., Montserrat College of Art; M.F.A., New York Academy of Art

**Elizabeth DeLuna**, *Assistant Professor of Art*, B.F.A., San Francisco Art Institute; M.F.A., Yale School of Art

**Louis DiGena**, *Associate Professor of Art*, B.A., Upsala College; M.F.A., School of Visual Arts

**Paul Fabozzi**, *Associate Professor of Art*, B.F.A., Alfred University; M.F.A., University of Pennsylvania

**Connie Frisch-Cherniak**, *Adjunct Associate Professor of Art*, B.S., University of Wisconsin; M.F.A., Rutgers University

**Edward R. Heins**, *Adjunct Associate Professor of Art*, B.F.A., Cooper Union School of Art; M.F.A., New York Academy of Art

**Diane Miller Himmelbaum**, *Professor of Art*, B.A., Bard College; M.F.A., Pratt Institute

**Stephanie Jacobson**, *Adjunct Assistant 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**, *Associate Professor of Art*, B.F.A., St. John's University; M.A., New York University

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**Jeremiah Hickey**, Assistant Professor, B.A., St. John Fisher College; M.A., State University of New York, College at Brockport; Ph.D., Texas A&M University

**Barbara L. Horn**, Professor, B.A., CUNY, Hunter College; M.A., New York University; M.A., CUNY, Hunter College; Ph.D., CUNY

**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**, Assistant Professor, B.A., CUNY, Queens College; M.A.; Ph.D., New York University

**Stephen M. Llano**, Assistant Professor, Director, St. John's University Debate Society, B.A., Texas A&M University, M.A., Syracuse University; Ph.D. Candidate, University of Pittsburgh

**Laurence D. Myers**, Associate Professor, B.A., Pennsylvania State University; M.A., Villanova University; Ph.D., Kent State University

**Kelly A. Rocca**, Associate Professor (Staten Island campus), B.A., Slippery Rock University; M.A., Ed.D., West Virginia University

**Edward G. Skirde**, Associate Professor (Staten Island campus), B.A., St. John's University; M.A., Ph.D., Pennsylvania State University

**Jaime Wright**, Assistant Professor, B.A., University of Alabama; M.A., Wake Forest University; Ph.D., University of Texas at Austin.

## Sociology/Anthropology

**George Ansalone**, Professor, B.A., St. Francis College; Ph.D. New York University

**Barrett P. Brenton**, Associate Professor, B.A., University of Nebraska, Lincoln; M.A., Ph.D., University of Massachusetts, Amherst

**Roderick Bush**, Associate Professor, B.S., Howard University; Ph.D., SUNY, Binghamton

**Natalie Byfield**, Assistant 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**, Assistant Professor, BA., MA., Wheaton College; Ph.D. New School for Social Research

**Michael Indergaard**, 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.

**Alice Psirakis**, Adjunct Instructor, B.S., M.S.W., Adelphi University

**Ino Rossi**, Professor, B.A., M.A., University of Chicago; Ph.D., New School for Social Research

**Judith Ryder**, Assistant Professor of Sociology, B.A., University of Michigan; M.A., University of California; Ph.D., CUNY

**Robert H. Tillman**, Associate 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., A.B.D., New School for Social Research

**Roberta Villalon**, Assistant Professor, M.A., University of Texas, Austin; Ph.D., University of Texas, Austin

## Theology and Religious Studies

**Robert Adamo**, Adjunct Instructor (Staten Island campus), B.S., St. John's University; M.Div., Seminary of the Immaculate Conception

**St. Charles Borno**, Adjunct Instructor, M.A., M.D., B.A.

**Ben Bortin**, Adjunct Instructor (Staten Island), 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

**Raymond F. Bulman**, Professor, B.A., Kilroe Seminary, Honesdale, PA.; S.T.B., Pontifical Gregorian University; Ph.D., Columbia University

**Rev. Stephen Bisco**, C.M., Adjunct Instructor, B.A., M. Div., Mary Immaculate College

**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

**Anthony Cirelli**, Assistant Professor, B.A., Trinity College, M.A., Yale University, Ph.D., The Catholic University of America.

**Francis Connolly-Weinert**, Associate Professor, B.S. St. Joseph's University; M.A., Maryknoll School of Theology; Ph.D., Fordham University

**Clarice S. Curry**, Adjunct Instructor, B.S., St. John's University; M.A., Seminary of Immaculate Conception. M.S.W., Fordham University

**Alice Danaher**, Adjunct Instructor, B.A., M.Div., St. John's University; M.S., Hunter College; M.A., Fordham University; P.D., College of New Rochelle.

**Stephen DeBlasio**, Adjunct Instructor, B.A., Stonehill College, Ma. M.A., Fordham University.

**Christopher Denny**, Assistant Professor, B.A., St. John's College, MD; M.A., Ph.D., Catholic University of America

**Rev. Richard J. Devine, C.M.**, Professor, B.A., Mary Immaculate Seminary and College; M.A., Niagara University; S.T.D., University of Fribourg, Switzerland

**Loretta M. Devoy, O.P.**, Associate Professor, B.A., St. Francis College; M.S., St. John's University; M.A., Ph.D., Fordham University



**Fernando Egargo**, *Adjunct Associate Professor*, B.A., Fujen Catholic University, Taipei, Taiwan.; M.A., Ateneo de Manila University, Quezon City, Philippines; Ph.D., De La Salle University, Manila, Philippines. Ph. D., Licentiate in Social Sciences, Pontifical Gregorian University, Rome, Italy.

**Eileen Fagan, S.C.**, *Adjunct Instructor*, B.A., College of Mount St. Vincent; M.A., Ph.D., Fordham University

**Peggy Fanning, C.S.J.**, *Adjunct Assistant Professor*, B.A., St. Joseph's College; M.A., Seminary of the Immaculate Conception; Ph.D., Fordham University

**Susan Finnegan**, *Adjunct Instructor*, B.S., St. John's University; M.A., Seminary of the Immaculate Conception

**John Fitzgerald**, *Assistant Professor*, B.A., Princeton University, J.D., University of Notre Dame Law School, Ph. D., The Catholic University

**Joseph Gibino**, *Adjunct Associate Professor*, B.A., M.A., Gonzaga University, M. Div., M.C., Jesuit School of Theology, Berkeley, CA., M.A., Ph.D., University of Rochester.

**Patrick Flanagan, C.M.**, *Assistant Instructor*, B.S., Niagara University; M.Div., Mary Immaculate Seminary; Ph.D., Cand., Loyola University

**Rabbi Stanley Greenstein**, *Adjunct Instructor*, B.A., Vanderbilt University; Ordination, Leo Baeck College, London, England.

**David W. Haddorff**, *Associate Professor*, B.A., University of Northern Colorado; M.A., Wheaton College Graduate School, IL; Ph.D., Marquette University

**James Hannan**, *Adjunct Instructor*, B.A., Philosophy/English, Cathedral College; S.T.B/ M.A., Theology, Fordham University. M.A., Theatre, CUNY

**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., Fordham University

**Fred Herron**, *Adjunct Instructor* (Staten Island campus), B.A., St. Joseph's College; M.A., Catholic University of America; M.S., St. John's University

**Alexandra Honigsberg**, *Adjunct Instructor*, B.M., Manhattan School of Music; M.A., Union Theological Seminary

**Walter F. Kedjerski**, *Adjunct Instructor*, B.A., St. John's University; M.A., M. Div., Seminary of The Immaculate Conception

**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

**Sally Kenel**, *Associate Professor*, B.A., Seat of Wisdom College; M.S., Rensselaer Polytechnic Institute; M.A., Ph.D., Fordham University

**Mark Kiley**, *Associate Professor*, B.A., Boston College; Ph.D., Harvard University

**Rev. James W. King**, *Adjunct Instructor*, B.S., University of Maryland; M.Div., Seminary of the Immaculate Conception; M.A., Boston College

**Pamela J. Kirk Rappaport**, *Professor*, B.A., Rosary College; M.A., Indiana University; Dipl.Theol., Dr.Theol., Ludwig-Maximilians University, Munich

**Barbara Kosakowski**, *Adjunct Instructor*, B.S., Fordham University; M.A., Seminary of the Immaculate Conception

**Richard Long**, *Adjunct Instructor* (Staten Island), B.S., University of Kentucky; M.B.A., New York University; M.Div., Seminary of the Immaculate Conception

**Frank Marangos**, *Adjunct Assistant Professor*, B.A., Nova So. University, D. Min., So. Methodist University, M. Div., Holy Cross

**Marilyn A. Martone**, *Associate Professor*, A.B., Immaculata College; M.A., St. John's University; Ph.D., Fordham University

**Marian Maskulak**, *Assistant Professor*, B.S., Lock Haven University, M.A., Fordham University, S.T.L., Regis College, Ph. D., University of St. Michael's College

**Susan Mauer**, *Adjunct Assistant Professor*, D.A., M.A., Ph.D., St. John's University, B.S., State University of NY.

**Patrick P. McGuire**, *Adjunct Assistant Professor*, B.A., St. John's University; M.A., Fordham University; Ed.D., Columbia University

**Rev. John H. McKenna, C.M.**, *Professor*, B.A., M.Div., Mary Immaculate Seminary and College; S.T.L., S.T.D., University of Trier, Germany

**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, New York, NY M.A., St. John's University

**Mary Anne Muller**, *Adjunct Instructor*, B.A., M.A., St. John's University

**Marilyn Nichols, S.S.J.**, *Adjunct Assistant Professor*, A.B., Nazareth College; M.A., Marquette University; Ph.D., Fordham University

**Patrick Okafor**, *Adjunct Instructor*, B.Phil., B.D., Seat of Wisdom Seminary, Nigeria; M.A., St. John's University

**Monserrat Ocampo**, *Adjunct Instructor*, M.S., University of the Philippines; B.S., University of Santo Thomas, Philippines; M.A., St. John's University

**Carole Pacula**, *Adjunct Instructor*, B.A., Adelphi University; M.A., Seminary of the Immaculate Conception

**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

**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

**Habibeh Rahim**, *Associate Professor*, B.A., University of Toronto; M.S.T., Harvard Divinity School; A.M., Ph.D., Harvard University

**Joseph Roach**, *Adjunct Instructor*, B.S., Fordham University; M.A., CUNY, Brooklyn College; M.S., Fordham University

**Rev. Jean-Pierre Ruiz**, *Associate Professor*, B.A., Cathedral College of the Immaculate Conception; S.T.B., S.T.L., S.T.D., Pontifical Gregorian University

**Gerard Sauer**, *Adjunct Instructor*, M.A., M. Div., Seminary of The Immaculate Conception; B.A., Philosophy/Theology, St. John's University

**Hirsch Simckes**, *Adjunct Assistant Professor*, B.A., Harvard, M.H.L., Rabbi, Jewish Theological Seminary, MA, Ph.D., Andover Newton Theological Seminary

**Rev. Robert Stephanopoulos**, *Adjunct Professor*, B.A., Holy Cross Greek Orthodox School of Theology; B.D., University of Athens School of Theology; Ph.D., Boston University

**Denis Sugrue**, *Adjunct Instructor*, B.A., M.A., St. John's University; M.Stud, University of Oxford

**Matthew Sutton**, *Assistant Professor*, M.A., B.A., University of St. Thomas,

**Peter Taras**, *Adjunct Instructor*, B.A., City College of New York; M.A., St. John's University

**Paul Tonna**, *Adjunct Instructor*, B.A., New York University; M.A., Seminary of the Immaculate Conception

**Patrick Tracy**, *Adjunct Instructor*, B.A., M.A., St. John's University

**Julia A. Upton, R.S.M.**, *Professor*, B.A., Ohio Dominican College; M.A., St. John's University; Ph.D., Fordham University

**Roberta K. Van Buskirk**, *Adjunct Instructor*, B.A., Queens College; M.A., St. John's University

# The School of Education

**Jerrold Ross**, B.S., M.S., Ph.D. Hum., (Hon)  
*Dean*

**Richard Sinatra**, B.S., M.S., Ph.D.,  
*Associate Dean for Academic Affairs*

**Mary Jane Krebbs**, Ph.D.,  
*Associate Dean for Graduate Studies*

**Steven S. Kuntz**, Ph.D.,  
*Associate Dean (Staten Island)*

**Charisse E. Willis**, P.D.,  
*Associate Dean for Undergraduate Studies*

**Lydia Haluska**, M.A.,  
*Assistant Dean for Undergraduate Studies and Certification Officer*

**Susann Ragone**, P.D.,  
*Assistant Dean (Staten Island)*

**Kelly K. Ronayne**, M.A.,  
*Assistant Dean for Graduate Admissions*

**Rosette M. Allegritti**, M.A.,  
*Assistant to the Dean (Staten Island)*

**Steven C. Rosenberg**, P.D.,  
*Director of Field Experiences*

**Paul J. Pedota**, P.D., *Coordinator of N.Y.C. Teaching Fellows, Certification Officer*

**Patrick J. Dunphy**, M.B.A.,  
*Director of Planning and Financial Affairs*

**Office Locations:** Queens, Staten Island, Manhattan, Oakdale

## Objectives

Graduates from baccalaureate programs in The School of Education at St. John's University are competent, caring professionals who have acquired expertise in communication, professional knowledge and skills, and the conceptual frameworks of their chosen academic areas, and who prize and practice the values of committed service. Students enjoy abundant opportunities to nourish and develop the ability to create a productive and effective learning environment, plan and implement instructional activities, monitor and assess student learning and interact effectively with peers, pupils or clients and other personnel in education institutions or service organizations.

## Accreditation

The School of Education's teacher education program is accredited by TEAC, the Teacher Education Accreditation Council, and includes the undergraduate degree and license in Childhood Education, Childhood/Special Education 1–6, Adolescent Education (7–12); Graduate degree and license in Adolescent Education, Childhood Education, and Early Childhood Education; Teaching Literacy B–6 and 5–12; Special Education Teaching Children with Disabilities in Childhood; Teaching English to Speakers of Other Languages (TESOL); New York State Teaching Fellows—Childhood, Special Education and Mathematics.

## Degrees and Programs Available (Queens and Staten Island)

The School of Education's teacher education program is accredited by TEAC, the Teacher Education Accreditation Council, and includes the undergraduate degree and license in Childhood Education, Childhood/Special Education 1–6, Adolescent Education (7–12); Graduate degree and license in Adolescent Education, Childhood Education, and Early Childhood Education; Teaching Literacy B–6 and 5–12; Special Education Teaching Children with Disabilities in Childhood; Teaching English to Speakers of Other Languages (TESOL); New York State Teaching Fellows—Childhood, Special Education and Mathematics.

- **B.S.Ed. in Adolescence Education** for qualified students wishing to teach in middle school and high school settings in: English, Mathematics, Physics, Social Studies, *Spanish Biology (Queens only)* for grades 7–12.
- **B.S.Ed. in Childhood Education** for students wishing to prepare as teachers for grades 1–6.
- **B.S.Ed. in Education (Childhood and Childhood Special Education)** for students wishing to prepare as teachers of grades 1–6 and teachers of childhood special education, grades 1–6.
- **B.S.Ed./M.S.Ed. (Childhood/Special Education)** prepares students for the challenges of inclusion because they will have and two field and two student teaching experiences.

## Advanced Placement

The School of Education awards advanced placement and credit to those entering freshmen who earn a requisite score on the College Entrance Examination Board's Advanced Placement and/or CLEP exams.

Placement and the number of college credits appropriate to the academic development of the qualified student are determined by the Dean's Office.

Upper-class 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 The School of Education degree.

*Note:* All CLEP exams must be completed before senior year.

## Teacher Certification

Completion of an undergraduate program in the School of Education, or a minor in Adolescence Education through St. John's College for Liberal Arts and Sciences normally entitles a student to receive Initial New York State Certification, provided the student has successfully completed the appropriate, approved program, including associate teaching, violence prevention, fingerprinting and child abuse seminars, and has passed the certification examination(s) specified by the New York State Education Department.

Requirements for teacher certification vary from state to state, therefore, students who seek teacher certification outside of New York State, should write to the appropriate state Education Departments for copies of their latest certification regulations.

The State of New York mandates that those who complete requirements for graduation pass several New York State Certification examinations. The latest passing rates of St. John's graduates for initial certification can be found on the Web at [www.nysed.gov/tcert](http://www.nysed.gov/tcert).

Please see the St. John's University certification specialist in the School of Education.

For information on the School of Education room location, visit our Web site [www.stjohns.edu](http://www.stjohns.edu)

All students who are currently enrolled in the School of Education MUST use the on-line service provided by the New York State Department of Education to register, update educational and personal information, and (when all State and University requirements are completed) apply for New York State certification by going to the following website: [www.highered.nysed.gov/tcert/teach](http://www.highered.nysed.gov/tcert/teach) and follow the directions on the site.

## Mandatory Workshops:

- Fingerprinting
- Violence Prevention Workshop
- Child Abuse Workshop
- Autism Workshop (Only mandated for Childhood/Special Education and BSED/MSED Childhood/Special Education)

*Please note:* All workshops are free with the exception of fingerprinting.

## Programs of Study

### B.S.Ed. in Education— Childhood Education (gr. 1–6) 132–133 Credits

This B.S.Ed. in Education program requires the completion of course work in liberal arts (57 credits), professional education (51/52 credits) and an academic content area (24 credits). All students are required to complete a program of studies which includes:

#### Liberal Arts (57 Credits)

University Core Curriculum	48 credits
MATH (by advisement)	3 credits
BIO 1050	3 credits
ART 1000	3 credits

#### Professional Courses (51/52 Credits)

EDU 101	1 credit
EDU 1000 or 1000H	3 credits
EDU 1001	3 credits
EDU 1003	3 credits
EDU 1004	6 credits
EDU 1005	3 credits
EDU 1006	3 credits
EDU 1007	3 credits
EDU 1008	3 credits
EDU 1010	3 credits
EDU 1011	3 credits
EDU 1015	3 credits
EDU 1016	3 credits
EDU 1021	12 credits

#### Academic Content Area and Electives (24 Credits)

Student selects one content area: English, Mathematics, Modern Foreign Language, Psychology, Sociology, Science or Social Studies. Specific courses for the academic content area are selected in consultation with the student's advisor.

### B.S.Ed. in Education – Dual Certification in Childhood Education (gr. 1–6) and Special Education (gr. 1–6) 144–145 Credits

This B.S. in Education program requires the completion of course work in liberal arts (57 credits), professional education (63 credits), and an academic content area (24 credits). All students are required to complete a program of studies which includes:

#### Liberal Arts (57 Credits)

#### Professional Courses (63–64 Credits)

EDU 101	1 credit
EDU 1000 or 1000H	3 credits
EDU 1001	3 credits
EDU 1003	3 credits
EDU 1004	6 credits
EDU 1005	3 credits
EDU 1006	3 credits
EDU 1007	3 credits
EDU 1008	3 credits
EDU 1009	6 credits
EDU 1010	3 credits
EDU 1011	3 credits
EDU 1015	3 credits
EDU 1016	3 credits
EDU 1021	12 credits
EDU 1023	6 credits

#### Academic Content Area and Electives (24 Credits)

Student selects one content area: English, Mathematics, Modern Foreign Language, Psychology, Sociology, Science or Social Studies. Specific courses for the academic content area are selected in consultation with the student's advisor.

### B.S.Ed. in Education – Adolescence Education (grade 7–12) 129–130 Credits

This B.S.Ed. in Education program requires the completion of coursework in liberal arts (57 credits), professional education (36 credits) and an academic content area: English (30 credits), Mathematics (30–31 credits), Modern Foreign Languages/ Spanish (30 credits), Physical Science (30–31 credits), and Social Studies (30 credits). All students are required to complete a program of studies which includes:

#### Liberal Arts (48 Credits)

University Core Curriculum	4 credits
MATH (by advisement)	3 credits
Bio 1050	3 credits
Art 1000C	3 credits

#### Professional Courses (36–37 Credits)

EDU 101	1 credit
EDU 1000 or 1000H	3 credits
EDU 1002	3 credits
EDU 1008	3 credits
EDU 1011	3 credits
EDU 1012	6 credits
EDU 1013 Based Content	6 credits
or	
EDU 1014 Based on Content	6 credits
EDU 1015	3 credits
EDU 1022	9 credits

#### Academic Content Area (30–37 Credits)

Student selects one content area: Biology (31 credits), English (30 Credits), Mathematics (30 credits), Modern Foreign Languages/ Spanish (30 credits), Physical Science (31 credits), or Social Studies (30 credits). Specific courses for the content area are selection in consultation with the student's advisor.

### BSED/MSED Childhood/Special Education (grades 1–6)

#### Professional Courses (45–46 Undergraduate Credits)

EDU 101	1 credit
EDU 1000 or 1000H	3 credits
EDU 1001	3 credits
EDU 1003	3 credits
EDU 1004	6 credits
EDU 1005	3 credits
EDU 1006	3 credits
EDU 1007	3 credits
EDU 1008	3 credits
EDU 1010	3 credits
EDU 1016	3 credits
EDU 1021	12 credits
EDU 7266	3 credits
EDU 9707	3 credits
EDU 9711	3 credits

\*Nine graduate credits taken during four years of undergraduate program.

**Total = 54 combined credits**

**Academic Concentrations: 24 Credits**

**Liberal Arts–Core Curriculum: 57 Credits**

**Required GPA for B.S. Ed/M.S. Ed. is 3.50.**

## Graduate Courses: 24 Credits

EDU 3200	3 credits
EDU 9700	3 credits
EDU 9702	3 credits
EDU 9716	3 credits
EDU 9718	3 credits
EDU 9719	3 credits
EDU 9720	3 credits

## Academic Information

### Advisement

Advisement involves a close relationship between student and advisor. Each student is assigned an advisor with whom he/she is expected to consult regarding the program. A student who has questions about the advisement process should consult the Dean's Office. The student is scheduled by the University Freshman Center for classes during the first semester of the freshman year. For the remaining semesters, the student must plan a course of studies with the assigned advisor. By the second semester of their freshman year, the student in teacher education must file a declaration of academic concentration.

The semester before you are eligible to Associate Teaching, you must visit the Field Experience office for information. All students should consult with the Director of Field Placement if you have any questions or concerns. The Field Experience office is located on the 5th floor of Sullivan Hall.

Academic Service Learning—students involved in Academic Service Learning should consult with the Professor and the Academic Service Learning Office in the University Center. ASL is mandatory for all undergraduate education majors!

### Pass-Fail Option

The Pass-Fail Option is open only to sophomores, juniors and seniors or to a student who has completed a minimum of 25 credits and whose current quality point index is at least 3.0. It is limited to three-credits per semester and to six credits per academic year. The total over three years, including summer sessions, may not exceed 17 credits.

For Education majors, the Pass-Fail Option is not permitted in Education courses. This does not include Associate Teaching which is offered only a Pass-Fail basis. Although the Pass-Fail Option is permitted in areas of academic concentration, students are not permitted to apply this option to more than two courses. (Subject to change)

Application for the Pass-Fail Option must be completed online by the last day designated for withdrawal from class without receiving academic penalty. **See the Academic Calendar for specific withdrawal dates.** [www.stjohns.edu](http://www.stjohns.edu)

### Attendance Policy

Regular and prompt attendance is expected of all students. Absence from class does not excuse a student from work missed. Students are responsible for all announced tests and for submitting, at the proper time, all assignments given in class. Ignorance of such tests and assignments is no excuse for failure to complete them.

*\*Students are allowed three absences from class in either three-or-six credit courses. Students who miss more are subject to automatic withdrawal from the course.*

### \*PLEASE READ

#### Academic Standing

A student is in good standing if enrolled as a matriculated student in a program of study leading to a degree, diploma, or certificate and is making satisfactory progress toward the completion of the program of study. Satisfactory progress is divided into two categories:

- A. **Non-Probationary:** All students must maintain a 3.0 cumulative quality point index. Students must have passed the LAST, ATS-W, CST, and (CST—Students with Disabilities—only for Childhood/Special Education, BSED/MSED Childhood/Special Education majors) by the completion of their junior year.
- B. **Probationary:** In conjunction with guidelines for New York State teacher certification, a student whose cumulative quality point index is below 2.5 will be referred to the Faculty Academic Fairness Committee. If, in the judgment of the Committee, the student considered to be making acceptable progress toward the above 3.0 cumulative quality point index, he/she will be permitted to continue on a matriculated basis.
- C. Link to the New York State Certification Web site for information on certification [www.nysed.gov/tcert](http://www.nysed.gov/tcert)

#### New York STANDARDS

[www.emsc.nysed.gov/nysatl/standards.html](http://www.emsc.nysed.gov/nysatl/standards.html)

#### Supervised Associate Teaching

Only students who are in good academic standing and completing an approved School of Education program including prior fieldwork courses are eligible for an assignment in supervised associate teaching.

Recommendations for such assignments depend upon evidence of potential teaching ability as manifested in part by (1) proficiency in both oral and written English; that is, having a grade point average of 3.0 in Speech and English course work; (2) good health as determined by a comprehensive physical examination completed by the student's family physician (a recent chest X-ray report within 12 months of the state of the student teaching experience must be placed on file in the Health

Counselor's Office); (3) acceptable scholastic averages, of 3.0 in general, and areas of specialization, and 3.0 in professional course work; (4) previous performance in education courses all of which must be completed before associate teaching, and (5) passing scores on the LAST, ATS-W, CST, and (CST Students with Disabilities - Mandated for Childhood/Special Education and BSED/MSED Childhood/Special Education Majors ONLY) tests of the New York State Teacher Certification Examinations. [www.nysed.gov/tcert](http://www.nysed.gov/tcert)

Associate teaching in most programs requires full-time attendance in a field school. Students enrolled in this course must plan to take their additional program requirements after they return from their field schools. Attendance at a weekly seminar is required.

***Students taking Childhood/Special Education must take the Children with Disabilities exam in order to become certified in that area.***

Applications for associate teaching must have the approval of the Director of Field Experience. Applications for associate teaching in both the fall and spring semesters must be submitted to the Field Experience Office, Sullivan Hall, Room 524, the semester before associate teaching. For placement, the student must be acceptable to the school to which he/she is assigned. The University cannot and does not guarantee that its students will be placed as associate teachers.

### MAKE-UP EXAMS

The School of Education recommends that any student needing a make up date contact our office for information.

## Instructional Materials Center

The Instructional Materials Center (IMC) is a unique part of the University libraries that supports and enriches the programs of the School of Education. The IMC collects and disseminates specialized information for the students with the nationwide assemblage of curriculum guides, textbooks and accompanying materials, audio-visual teaching aids and hardware, three-dimensional learning tools, publisher and distributor catalogues, education and psychological tests, computers and software.

The existence of the IMC should enable pre-service and in-service teachers to examine the latest curriculum materials available in order to develop competency and familiarity. It is located on the fourth floor of the Main Library.

## Honor Societies

### Dean's Scholars

Dean's Scholars is the School's most prestigious organization, is comprised of the top students in the School. These 3 members act as ambassadors, leaders and role models. Sophomores, Juniors, and Seniors with a cumulative GPA of 3.75 are invited to apply.

### Kappa Delta Pi

Kappa Delta Pi is an International honor society dedicated to teaching, whose aim is to foster high standards for teacher preparation and invite fellowship to those who have attained excellence in scholarship and distinction of achievement as students. The required GPA is 3.25, for undergraduate, 3.5 for graduate.

## Service Programs

### Education Society

The Education Society is a community service organization whose goal is to support pre-service teachers' involvement in assisting those in need in service settings.

### Program Planning Board

Program Planning Board is an organization that offers as much help and support to the other organizations within The School of Education. They assist in planning certain events that are beneficial for the students in The School of Education. In lending support and planning various events, the organization hopes to give the students a head start on their careers in the field of teaching.

## Special Programs

**S.T.A.R. - Students Teaching Academic Responsibilities.** St. John's University is an exciting place for freshmen to explore and grow, as well as a place for them to begin working towards their professional goals. S.T.A.R., Students Teaching Academic Responsibilities will help us achieve this. By providing incoming freshman with peer buddies, we are making the transition into The School of Education seem more exciting and less intimidating. S.T.A.R. will familiarize students with various resources available to them and help them with any concerns they have during their first year as a college student. The School of Education upperclassman buddies will be available to discuss courses, educational concerns, personal issues and any other issues that may arise. The School of Education will work to make this experience fun for the freshman and their buddies by offering social, academic and service activities on campus. We will strive to create a productive and effective learning

environment to help all of our students interact effectively with The School of Education and the St. John's University community.

### America Reads\*America Counts

America Reads\*America Counts is a mentoring and tutoring program providing services to grads K-8. Students in this program tutor children attending local elementary and junior high schools in the community. In order to become a part of the America Reads\*America Counts program, a student may be enrolled in any college within the University but must maintain a minimum GPA of 2.0. This program offers an excellent opportunity for students wishing to take advantage of the college work study program, as well as those interested in volunteering and becoming a part of the St. John's University community.

### Jumpstart

Jumpstart is national early literacy organization that works towards the day when every child in America enters school prepared to succeed. Jumpstart accomplishes this mission through supporting corps members to work individually with young children in preschool settings.

During Jumpstart's school year program, preschool children are paired with Jumpstart corps members for focused attention to build language and literacy, initiative, and social relations skills. All children in Jumpstart are chosen on teacher evaluations.

Children participate in groups of 8-10, with their assigned corps members, in a two-hour Jumpstart session twice a week. During the session, members implement a curriculum focused on Jumpstart's 17 School Success Outcomes.

## Academic Fairness

To dispute grades please see your dean on the necessary process.

## Graduate Level Courses

Seniors student teaching, are eligible to take one graduate course with approval by the dean and a graduate advisor.

## Honors

**Summa Cum Laude - 3.85**

**Magna Cum Laude - 3.70**

**Cum Laude - 3.50**

## Course Offerings

### 101 Education for Grades 1-12

An introduction of students into the School of Education interaction with pupils, peers and teaching personnel. Major emphasis on developing systematic skills in observation and analysis of teaching. *Fieldwork required.*

*Credit: 1 semester hour.*

### 1000 Foundations of Education (grades1-12)

An examination of the history, philosophy and role of education, current issues in education, the concept of professional career development and of managing and developing personal and community resources.

*Credit: 3 semester hours.*

### 1001 Learning and Development—Childhood (grades 1-6)

Interdisciplinary study of human learning, growth and development, and growth sequences as impacted by cultural, sociological, psychological and environmental factors through childhood; principles of motivation, communication, classroom management and learning processes; implications for and application to educational practice for the optimization of students' growth and learning. *Fieldwork required. Credit: 3 semester hours.*

### 1002 Learning and Development—Adolescence (grades 7-12)

Interdisciplinary study of human learning, growth and development focusing on the adolescent years. Study in dynamics of cultural, sociological, psychological and environmental influences; implications for assessments and for selection of appropriate strategies to address pupil characteristics and content-area standards. Appropriate field experiences to integrate educational theory and practice. *Fieldwork required. Credit: 3 semester hours.*

### 1003 Field Work: Observation Analysis and Creative Activities (grades 1-6)

Introduction of students into schools; interaction with pupils, peers and teaching personnel. Major emphasis on developing systematic skills in observation and analysis of teaching. *Fieldwork required.*

*Credit: 3 semester hours.*

### 1004 Language Acquisition and Literacy (grades 1-6)

Students gain an operational perspective on language acquisition and literacy development of native English-language learners. *Fieldwork required. Credit: 6 semester hours.*



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**1005 Language Arts & Social Studies (grades 1–6)**

This course focuses on the skills of inquiry, critical thinking and problem-solving as they relate to the examination and analysis of cross-cultural characteristics and needs of culturally diverse and/or linguistically different children and youth in the teaching of social studies and language arts. Curriculum and methods of teaching social studies (including an emphasis on New York City and New York State) and of developing literacy in elementary learners and middle school will be studied in the context of the impact of cultural difference on students' learning and experiences in multi- and monolingual urban school settings. *Fieldwork required. Credit: 3 semester hours.*

**1006 Methods of Teaching Mathematics (1–6)**

Study of curriculum development, instructional planning, instructional strategies and materials used in the teaching of mathematics for students within the full range of abilities. Special emphasis on differentiating instruction to address pupils' needs, assessing pupils' progress and utilizing instructional technology. *Fieldwork required. Credit: 3 semester hours.*

**1007 Methods of Teaching Science (1–6)**

Study of curriculum development, instructional planning, instructional strategies and materials used in the teaching of science for students within the full range of abilities. Special emphasis on developing thinking strategies through the scientific method, assessing pupils' progress, differentiating instruction in response to assessments and utilizing instructional technology. *Fieldwork required. Credit: 3 semester hours.*

**1008 Foundations of Special Education (1–12)**

An overview of students within the full range of abilities encompassing their physical, cognitive, social and psychological needs. Focus is on characteristics of learners with disabilities; the historical, social and legal foundations of special education; assessment strategies and intervention techniques; individualizing instruction and working as a team member with special student populations; use of assistive and instructional technology and vocational considerations in programming for exceptional children. *Fieldwork required. Credit: 3 semester hours.*

**1009 Methods for Childhood Special Education (1–6)**

This course covers curricula, methods, and materials for teaching disabled learners across the spectrum of types and severity levels of disabilities. The "skill areas" of oral and written language (including reading and writing) and mathematics will be targeted. *Fieldwork required. Credit: 6 semester hours.*

**1010 Multicultural Education (1–6)**

Study of curriculum development, instructional planning, instructional strategies and materials used in teaching multicultural education for students within the full range of abilities. Emphasis will be placed on introducing pre-service educators to diversity to assist them to understand the issues involved with a diverse nation, guiding them to think critically and reflectively about the decisions they will make as teachers. *Fieldwork required. Credit: 3 semester hours.*

**1011 Human Relations in Inclusive Settings (grades 1–12)**

Working with students with the full range of abilities as individuals and as members of groups, with emphasis on personal awareness and interpersonal communication. Parent and community involvement as well as focus on appreciation of the values and cultures of English language learners. Cooperative learning projects, seminars and individual projects will be carried out as models for classroom practice utilizing human relations skills and group dynamics. *Fieldwork required. Credit: 3 semester hours.*

**1012 Language Acquisition and Literacy/Adolescence (7–12)**

The sociological, linguistic and developmental context of language and learning are emphasized. Reading and language arts for grades 7–12 are approached as a cognitive developmental process, as integrated and interrelated, as occurring within a social context, and as vital for success in school and life. *Fieldwork required. Credit: 6 semester hours.*

**1013 Methods for Secondary Education—Math and Science (grades 7–12)**

This course combines study of recognized subject-matter teaching methods at the secondary level with practicum experience. Students are required to observe and analyze the environment, observe and participate in the teaching/learning process and develop understanding and appropriate applications of classroom management. *Fieldwork required. Credit: 6 semester hours.*

**1014 Methods for Secondary Education: Social Studies, English and Modern Foreign Language (grades 7–12)**

This course combines study of recognized subject-matter teaching methods at the secondary level with practicum experience. Students are required to observe and analyze the environment, observe and participate in the teaching/learning process and develop understanding and appropriate applications of classroom management. *Fieldwork required. Credit: 6 semester hours.*

**1015 Technology and Society: School, Community, Workplace (grades 1–12)**

This course focuses on technology, in both instructional and assistive capacities, community and the workplace, in order that students may develop skill in technology to acquire information, communicate and enhance learning across the seven areas of knowledge described in the State Learning Standards. *Credit: 3 semester hours.*

**1016 Art and Music in Inclusive Settings (grades 1–6)**

This course examines the process of integrating the studio arts into the curriculum for students with the full range of abilities and considers various developmental influences from childhood through adolescence. *Fieldwork required. Credit: 3 semester hours.*

**1021 Student Teaching and Seminar/Childhood Education (grades 1–6)**

Observation and participation in teaching in an approved elementary school under University supervision. Students have student teaching experiences at the 1–3 and 4–6 grade levels. *Attendance at a weekly seminar is required. Credit: 12 semester hours.*

**1022 Student Teaching and Seminar/Adolescence (7–12)**

Observation of and participation in teaching in an approved secondary school in the student's major field under University supervision. Students have experience at the 7–9 and the 10–12 grade levels. *Attendance at a weekly seminar is required. Credit: 9 semester hours.*

**1023 Student Teaching and Seminar/Childhood Special Education (1–6)**

This course entails two extended periods of observation and participation in Special Education situations under University supervision. One student teaching will be with special-needs children of the first-, second-, or third-grade level, and one experience will be with comparable children at the fourth-, fifth-, or sixth-grade level. Particular attention is paid to issues of assessment, diagnosis and evaluation of students with disabilities. *Attendance at a weekly seminar is required. Credit: 6 semester hours.*



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# The Peter J. Tobin College of Business

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**Michele Dell'Anno**, B.A.,  
*Assistant to the Dean*

**Renee Hughes**, B.S., M.B.A., *Assistant Dean  
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**Douglas F. Leary**, B.S., M.B.A., *Assistant  
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**Cynthia R. Phillips**, B.S., M.B.A., *Associate  
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**Sheila M. Russell**, B.A. M.A., *Assistant Dean*

**Linda M. Sama**, B.A., M.B.A., Ph.D., *Associate  
Dean for Global Initiatives*

**Kevin L. Shea**, B.A., M.B.A., P.D., *Assistant  
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**Victoria Shoaf**, B.A., M.B.A., Ph.D., CPA,  
*Associate Dean of Academic Affairs*

**Anita Y. Webb**, *Advisement Coordinator,  
Manhattan Campus*

## Objectives

The Peter J. Tobin College of Business prepares graduates for rewarding managerial and professional careers.

Its educational programs combined with progressive technology provide the practical experience, solid knowledge base, strong ethical foundation and global perspective graduates need to make immediate and valuable contributions as business professionals.

The Tobin College of Business faculty carries out its responsibility for this preparation through excellence in teaching, supported by a commitment to applied business research.

## Programs of Study

The Peter J. Tobin College of Business offers the Bachelor of Science degree with majors in accounting, actuarial science, economics, finance, management, MIS, marketing, and risk management and insurance.

On June 1, 2001, The College of Insurance (TCI) merged with St. John's University. TCI is now the School of Risk Management, Insurance and Actuarial Science, a division of The Peter J. Tobin College of Business. The School of Risk Management offers the B.S. degree in actuarial science and risk management and insurance. The Tobin College of Business also offers five-year programs in accounting. These programs are available to qualified St. John's undergraduate majors in accounting. The combined B.S./M.S. and M.B.A. programs in accounting provide a unique opportunity to complete both B.S. and M.S. or M.B.A. degrees with five years of full-time study. Interested students should apply to the program in the second semester of the junior year of undergraduate study. Completion of both the Bachelor and Master of Science degrees qualifies the candidate for a one-year waiver of experience for licensure as a CPA in New York State. Careful selection of courses may enable a student to obtain a secondary concentration or minor.

Programs of study in the Tobin College of Business are reviewed from time to time. The faculty expressly reserves the right to make alterations to the curriculum consistent with the needs of business.

## Professional Accreditation

The Peter J. Tobin College of Business is accredited by the AACSB International—the Association to Advance Collegiate Schools of Business. The Tobin College is one of the fewer than 20% of business programs in the United States and Canada that have attained this prestigious accreditation.

Accreditation standards have evolved to meet the contemporary needs of business, the professions, government and graduate and professional schools. By exceeding the quality standards for accreditation in professional education for business and management, the Tobin College of Business constitutes a sound choice for the prospective student. AACSB standards include an evaluation of faculty adequacy and competence, admission standards and performance standards for the student body, library facilities, computer equipment, financial support of the institution and the content and breadth of both the professional and non-professional curricular requirements. The professional curriculum in an AACSB accredited school stresses a

working knowledge of the major business disciplines, proficiencies in the use of analytical techniques in arriving at logical solutions to management problems and an appreciation for and dedication to the social and ethical responsibilities of the business manager.

## Specific Entrance Requirements

16 high school units  
(or appropriate score on the GED):

English	4
History	1
Science	1
Mathematics	3
Academic Electives	7

The recommended sequence of high school mathematics courses includes Elementary Algebra, Plane Geometry or Tenth Year Mathematics, and Intermediate Algebra and Trigonometry or Eleventh Year Mathematics or Mathematics "A" and "B."

Those students who wish to transfer to the Tobin College of Business from another institution or from within the University should consult the appropriate section of the Bulletin.

## Advanced Placement

Applicants to the College are encouraged to take the examinations of the Advanced Placement (AP) program. Those who score sufficiently high may receive credit toward the Bachelor's degree. Test results should be sent to the Office of Admissions.

## Transfer Credit

Undergraduate programs in business administration in an AACSB-accredited school concentrate the professional courses in the last two years of a four-year program. Only a limited amount of work in business courses is offered below the junior year. The objective is to permit the student to acquire a foundation of work in the basic arts and sciences as a prerequisite for professional courses in business.

Students planning to take their first two years of work at a junior college are advised to take a majority of their work in the arts and sciences, including a strong background in mathematics. Junior-college students should take only those courses in business that are offered as freshman- and sophomore-level courses in the Tobin College of Business. These lower division courses are numbered 1301 through 2399.

Courses that are offered as upper division work in the Tobin College of Business must be validated before credits are recognized.

## Degree Requirements

A minimum of 124 semester hours of credit for non-accounting, non-actuarial science majors, a minimum of 121-127 semester hours for accounting majors, and a minimum of 130 semester hours for actuarial science majors, with a 2.0 cumulative quality point index and a 2.0 major field index, are required for the Bachelor of Science degree in the Tobin College of Business. The following courses are required.

Please refer to the Core Curriculum section in the front of the bulletin and consult the Dean's Office in The Peter J. Tobin College of Business for additional information.

### Basic Liberal Arts Core— All Majors Except Actuarial Science

	Credits
PHI 1000C, 2220C, 3000C	9
ECO 1301, 1302	6
ECO Elective	3
DNY 1000C	3
HIS 1000C	3
<b>Language/Culture</b>	<b>6</b>
SPE 1000C	3
ENG 1000C	3
ENG 1100C	3
English Elective	3
MTH 1320	3
SCI 1000C	3
THE 1000C	3
One course from THE 2200–2800	3
THE 3305	3
<b>Accounting majors only</b>	
<b>Liberal Arts Elective</b>	
The liberal arts electives should be chosen in consultation with an advisor.	0–9
<b>General Electives</b>	<b>3</b>
Students may select credits from professional subjects or from the liberal arts and sciences, in consultation with an advisor.	
<b>Total</b>	<b>57–63</b>

### Basic Business Core—

The Business Core varies by major from 34–46 credits. Please consult the Dean's Office in The Peter J. Tobin College of Business for additional information.

Fields of Specialization	Credits
<b>Accounting:</b> (Queens, Staten Island)	
ACC 2338, 2339, 3341, 3342, 3345, 3354, 4247, And TAX 3261, plus four (4) course from the following list: ACC 4243, 4244, 4248, 4251, 4255, 4352, 4353, 4356, 4357, TAX 4262, 4263	
<b>TOTAL</b>	<b>30</b>
<b>Actuarial Science:</b> (Manhattan)	
ACC: 3322, 3333, 3334, 3335, 4336, 4347, 4348, 4349	
<b>Economics:</b> (Queens)	
ECO 3303, 3341, 3343	9
<b>Professional Electives:</b>	
12 credits from the following:	12
ECO 3306, 3307, 3313, 3323, 3335, 3344, 3346, 3347, 3348, 4340, 4345, 4350, 4399; not more than six credits from outside of economics; FIN 3311, 3312, 3315, 3316, 3318, 4317; MKT 3312	
<b>TOTAL</b>	<b>21</b>
<i>Note: Economics majors are urged to take ECO 4350 among their elective courses.</i>	
<b>Finance:</b> (Queens, Staten Island)	
FIN 3311, 3312, 3316	9
<b>Professional Electives:</b>	
12 credits from the following: FIN 3315, 3318, 4317, 4327, 4328, 4350, 4399 ECO 3313, 3323, 3341, 4340, 4345 not more than six (6) credits from Economics.	
<b>TOTAL</b>	<b>21</b>
<i>Note: Finance majors are urged to take FIN 4350 among their elective courses.</i>	

### Management:

(Queens, Staten Island)

MGT 3331, 3323

**Professional Electives:**

15 credits from the following: MGT 3330, 3332, 3337, 3339, 3340, 3341, 3342, 3344, 3346, 4310, 4320, 4324, 4326, 4333, 4334, 4335, 4336, 4338, 4348, 4350, 4399, IB 3341, LAW 4315.

**TOTAL** **21**

### Management Information Systems: (Queens)

CIS 3347, 3352 6  
MGT 3340, 3342 6

**Professional Electives:**

9 credits from the following:

ACC 3354; CIS 3339, 3345, 3349, 3351, 4399; MGT 3344, 3346, 4348; LAW 4314

**TOTAL** **21**

### Marketing:

(Queens, Staten Island)

MKT 3311, 3312

**Professional Electives:**

15 credits from the following:

MKT 3305, 3306, 3307, 3308, 3309, 3310, 3315, 3317, 3320, 3321, 4305, 4306, 4316, 4318, 4350, 4399, IB 3341, LAW 4314.

**TOTAL** **21**

### Risk Management and Insurance\*: (Manhattan)

RMI 2301, 3360, 3361, 4390 12

**Professional Electives:**

9 credits from the following:

RMI 3334, 3335, 3350, 4364

**TOTAL** **21**

*\*Courses may be offered in Queens.*

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## Student Responsibility

It is the responsibility of students to make certain that their academic records are in proper order at the time they make application for the bachelor's degree. Should students be unable for any reason to take a prescribed course in the regular semester, it is their responsibility to take the course later. They should not expect a waiver for the course at a subsequent date, nor should they expect that the course be offered at an unusual time to meet their personal convenience.

## Special Programs

### Minors

Many departments offer minors which are available to The Peter J. Tobin College of Business students. Students may choose a minor as a way of organizing elective courses. Minors must be chosen in consultation with a Tobin College of Business advisor and must be approved by the Dean of the college or school through which the minor is offered. Most minors cannot be completed within the normal credit hour requirements of the baccalaureate degree.

### Professional Honors Program

The College introduced a Professional Honors Program in the Fall of 1967 to promote the talents of outstanding students in business and develop more effective administrators. The program provides an opportunity for selected undergraduate students to enter seminars that enrich classroom experiences.

The major component of the Professional Honors Program is the Executive-in-Residence Program, which is designed to provide a forum for interaction between practicing executives and the business student. Students are helped in developing greater awareness of the numerous implications of upper-level management decisions. Theoretical course work is complemented with practical insights. The program enables students to broaden their perspectives of the management of organizations in various fields. Upper-level executives from private, quasi-public and public organizations meet with students to discuss how they make decisions.

The Executive-in-Residence Program was developed through the cooperation of Borden, Inc. The program has included the participation of executives from the following for-profit and not-for-profit organizations: Broadridge Financial Solutions, Inc., Catholic Medical Mission Board, Center for Wealth Preservation/Mass Mutual, Cushman & Wakefield, Inc., Goodwill Industries of Greater New York, and Northern New Jersey, Inc., Henry Schein, Inc., KPMG, Leerink Swann, National Grid, New York Stock Exchange, Ridgewood Savings Bank, RR Donnelley, Standard and Poor's, United Cerebral Palsy—Suffolk and Weiser LLP.

Invitations to join the program are extended to students entering senior year with 90 credits. Selection is based upon the student's index (3.4 minimum) and faculty recommendations. Participants are required to attend a two-semester, six-credit seminar during which they develop skills in problem solving and analysis and heightened awareness of upper-level management concerns and problems.

The Honors Program offers the challenge of independent and cooperative research and provides for the development of individual initiative, all of which teach students how to make decisions.

### Co-Curricular Activities

To encourage professional development outside formal coursework, the Tobin College of Business offers its students professional societies in each major field of study. These societies are run by the student members with the guidance of a faculty moderator. Though each society emphasizes a particular business discipline, membership is generally open to all students.

Among the co-curricular activities in the Tobin College of Business are:

- Accounting Society
- APICS, The Educational Society for Resource Management
- Advertising Club
- Economics and Finance Society
- Marketing Club
- National Association of Black Accountants

## Academic Information

### Attendance Regulations

In all freshman, sophomore and professional courses, regular and prompt attendance is required. Students are responsible for absences incurred as a result of late registration or suspension. Students absent six hours in a two-semester-hour course, nine hours in a three-semester-hour course, 12 hours in a four-semester-hour course, or 15 hours in a five-semester-hour course may be denied credit for the course.

In all junior and senior professional courses, attendance shall be optional at the instructor's discretion.

Absence from class does not excuse the student from class assignments, recitations, readings, term reports, examinations and any other academic work designated by the instructor as a part of the respective courses.

For Military Science courses and drills, attendance regulations are stipulated in the Cadet Handbook and Regulations.

### Pass-Fail Option

This option encourages students to choose challenging courses for their general electives without prejudice to their quality point index.

The option is open to students whose current quality point index is at least 2.0. It is open to the general elective courses and the Liberal Arts electives only. It may not be exercised for other courses. In no case will the quality point index be affected; a Pass will be credited toward the degree. However, courses in the student's major which are to be used for general elective credit are not eligible for the Pass-Fail Option.

Application for this option may be made online through UIS approximately two weeks prior to the withdrawal date. A student may also change the status from the Pass-Fail Option to a regular grade up until the withdrawal date.

## Honor Societies

### Alpha Delta Sigma

This is the national advertising honor society sponsored by the American Advertising Federation.

### Alpha Mu Alpha

Alpha Mu Alpha is a national marketing honor society sponsored by the American Marketing Association to recognize and reward scholarship among students of marketing.

### Beta Alpha Psi

Beta Alpha Psi is the national scholastic honor society in accounting. Its objective is to encourage and recognize scholastic excellence in that field.

### Beta Gamma Sigma

Iota Chapter of Beta Gamma Sigma, the national scholastic honor society for colleges of business administration, was established at St. John's University in 1968, following the accreditation of the College by the American Assembly of Collegiate Schools of Business.

### Omicron Delta Epsilon

Theta Chapter of Omicron Delta Epsilon, the national honor society in economics, was established at St. John's University in 1958.

### Sigma Iota Epsilon

Sigma Iota Epsilon is the national scholastic honor society in management. Its general purpose is two-fold: to encourage and recognize scholarly excellence and to promote cooperation between the academic and practical aspects of management.

## Course Offerings

All course credits are listed in semester hours. For descriptions of courses other than those listed here, consult the index for location of other departments.

Each course number has four digits. The first of these digits shows the class level of the course. These are designated as follows:

- 1 designates freshman level
- 2 designates sophomore level
- 3 designates junior level
- 4 designates senior level

The second digit shows the number of credit hours for the course. The last two digits reflect the course number. For example, Management 4322 would be interpreted as follows: The first digit (4) indicates that this is a senior level course. The second digit (3) indicates that this is a 3 credit course. The last two digits indicate that this course is Management 22, i.e., Management Information Systems.

No student is permitted to enroll in any junior-or senior-level business course without the designated prerequisite(s). Additionally, no student is permitted to enroll in any junior-level business course until Math 1320 and CIS 1332/2331 or DS2333 have been completed.

## Department of Accounting and Taxation (ACC)

**James W. Thompson, Ed.D., C.P.A., Chair**

### 2338 Fundamentals of Accounting I

An introductory course in financial accounting. Topics include the basic accounting framework and concepts; cash flows, income reporting and financial position; the accounting process; and the financial statement elements. *Credit: 3 semester hours.*

### 2339 Fundamentals of Accounting II

*Prerequisite:* ACC 2338. This course continues the introduction to financial accounting and introduces managerial accounting and focuses on the link between accounting principles and the multiple users of accounting framework and concepts. *Credit: 3 semester hours.*

### 3345 Principles of Cost Accounting (formerly 3245)

*Prerequisite:* ACC 2339. Examination of techniques and methods of cost accounting: materials control, accounting for labor, nature and application of manufacturing overhead, job order costs and process costs. *Credit: 3 semester hours.*

### 3346 Advanced Cost Accounting (formerly 3246)

*Prerequisites:* ACC 3345. The use of cost accounting principles and practices in managerial planning and control with respect to product pricing and production efficiency: standard costs, joint product and by-product costs, profit-volume analysis, direct costing and capital budgeting. *Credit: 3 semester hours.*

### 3354 Accounting Information Systems (formerly 3254)

*Prerequisite:* ACC 2339. This course provides an overview of various accounting information and communication systems and discusses various controls used by an entity with complex systems to monitor and assess its systems' risks. *Credit: 3 semester hours.*

### 3341 Intermediate Accounting I (formerly 3441)

*Prerequisite:* ACC 2339. An introduction to the use of accounting in the control and reporting of business operations. Basic accounting postulates are examined, and the principles applicable to assets and liabilities are explored. *Credit: 3 semester hours.*

### 3342 Intermediate Accounting II (formerly 3442)

*Prerequisite:* ACC 3341. Financial statements as a means of communicating necessary information to stockholders, creditors and others interested in the status of the business enterprise. *Credit: 3 semester hours.*

### 4243 Advanced Accounting I (formerly 4343)

*Prerequisite:* ACC 3342. Advanced accounting theory applied to the formation, acquisition and liquidation of corporations. Principles applicable to consolidated financial statements of parents and subsidiaries are reviewed. *Credit: 2 semester hours.*

### 4244 Advanced Accounting II (formerly 4344)

*Prerequisite:* ACC 4243. Special accounting procedures and problems are studied with respect to entities such as partnerships, estates, trusts and governmental not for profit and foreign financial statements and subsidiaries. *Credit: 2 semester hours.*

### 4247 Principles of Auditing

*Prerequisite:* ACC 3342. An introduction to auditing theory and techniques used in examination of financial statements, including the generally-accepted auditing standards and the role of internal control. *Credit: 2 semester hours.*

### 4248 Advanced Auditing

*Prerequisite:* ACC 4247. The preparation of detailed audit workpapers, and the selection, scope and application of auditing procedures to specific balance sheet and income statement accounts. *Credit: 2 semester hours.*

### 4251 Seminar in Accounting Theory

*Prerequisite:* ACC 3342. The difficulties of preparing precise and universally-accepted accounting principles are explored, and a review of current professional literature and selected research are examined. *Credit: 3 semester hours.*

### 4255 Information Technology Auditing

*Prerequisite:* ACC 3354. This course studies the various audit procedures used to obtain assurance about the systems of a complex information technology user. Additionally, the course considers the appropriateness of technology controls. *Credit: 2 semester hours.*

### 4352 Financial Statement Analysis

*Prerequisite:* ACC 2338. This course presents non-accounting majors with the fundamental skills necessary to obtain an adequate understanding of the financial position, results of operations and cash-generating ability of any business concern. *Credit: 3 semester hours.*

### 4356 Principles of Internal Audit

*Prerequisite:* ACC 3354, or an equivalent course. This course covers objectives, concepts, principles, and techniques of internal auditing. Topics include the role of the internal auditor; types of audits; enterprise risk management; and planning the internal audit. *Credit: 3 semester hours.*

### 4357 Financial Operations Auditing

*Prerequisite:* ACC 2339 and FIN 3310, or an equivalent course. This course introduces students to the specialized accounting for broker/dealers and hedge funds. *Credit: 3 semester hours.*

### ACC 4353 International Accounting

*Prerequisite:* ACC 2338, or an equivalent course. The course discusses the financial and managerial accounting, auditing, and taxation problems faced by multinational corporations operating in countries with different economic, social, cultural, political and legal systems. *Credit: 3 semester hours.*

### 3261 Federal Income Taxation: Individuals

*Prerequisite:* None. This course studies federal income tax law with respect to the nature and classification of gross income, business expenses, non-business deductions, exemptions and the preparation of individual income tax returns. *Credit: 2 semester hours.*



#### **4262 Federal Income Taxation: Businesses**

*Prerequisite:* ACC 3261. This course studies federal income tax law as it applies to partnerships, corporations, business expenses and capital. Tax accounting principles, corporate organization and special classes of corporations are also studied.

*Credit: 2 semester hours.*

#### **4263 Federal Income Taxation: Special Topics**

*Prerequisite:* ACC 4262. This course studies federal and multi-state income tax law, state sales and use taxes, deferred compensation, taxation of estates and trusts, tax accounting principles, corporate organization and reorganization and special classes of corporations. *Credit: 2 semester hours.*

## **Department of Computer Information Systems and Decision Sciences (CIS/DS)**

**F. Victor Lu, Ph.D.,** *Chair*

#### **CIS 1332 Computer Systems and Software for Business Applications**

*Prerequisite:* None. The course gives a survey on the fundamentals and emerging trends of computer systems including hardware, software, networks and their business applications. The software suite Microsoft Office 2007 (or later) is utilized throughout the course to illustrate the integrated application of productivity tools to solve business problems. *Credit: 3 semester hours.*

#### **CIS 2331 Introduction to Information Technology**

*Prerequisite:* None. The course is offered to undergraduate Accounting students. This course will discover and discuss the science behind the construction and development of information technology and communications systems as well as the creation of sophisticated applications. Where appropriate, the concepts will be illustrated with hands-on exercises that will ground the principles in practice. *Credit: 3 semester hours.*

#### **CIS 3339 Business Applications Software**

*Prerequisite:* CIS1332 or CIS 2331. The course is designed to enhance student's critical-thinking and problem-solving ability through the intensive applications of software tools to solve real-world projects. Selected software tools include, but not limited to, MS Excel, MS Access, MS Project, MS Visual basic and XML applications. The course is taught using a hands-on approach with project-based tutorials. *Credit: 3 semester hours.*

#### **CIS 3345 Web Design and Development**

*Prerequisite:* CIS1332 or CIS2331. This course is designed to help students learn the Web design principles and techniques. In this course, students will learn how to identify topics, develop content, organize presentations, and design interfaces. Upon completion of the course, students will be able to apply the design principles and use a variety of commercially available Web design software packages to create an industrial-grade websites or online learning courses.

*Credit: 3 semester hours.*

#### **CIS 3347 Business Data Communications and Network**

*Prerequisite:* CIS1332 or CIS2331. This course covers the fundamental concepts, business application aspects and emerging trends of data communications and networking. Selected topics include communications hardware, software, and protocols; network basics; network design and topology; local area networks (LAN); wide area networks (WAN); internet and TCP/IP architecture, intranet and extranet; wireless networks, virtual private networks (VPN); networks security, ethical issues, and management; and web technology. *Credit: 3 semester hours.*

#### **CIS 3349 Advanced Computer Networks**

*Prerequisite:* CIS 3347. This is the second course in communications network with the emphasis on network security and computer forensics. The course covers topics including security policies and standards, network vulnerabilities, firewall planning, design, configuration and administration, Virtual Private Network, contingency planning, intrusion detection and prevention systems, digital forensics, ethical issues, and management. Hands-on case application will be used to enhance the various topics of networks security discussed in the course. *Credit: 3 semester hours.*

#### **CIS 3351 Object-Oriented Programming**

*Prerequisite:* CIS1332 or CIS2331. Object-oriented programming (OOP) is a programming paradigm that uses "objects" and their interactions to design applications and computer programs. This course will teach how to write OOP code for the creation of business application programs and graphical interfaces using JAVA, VB.NET, or C# (at the instructor's discretion). *Credit: 3 semester hours.*

#### **CIS 3352 Database Management**

*Prerequisite:* CIS1332 or CIS2331. This course gives an intensive treatment on database processing. Emphasis is centered on the Data Base Management System's (DBMS) underlying concepts, theories, designs, implementations as well as future trends. Lab exercises and projects on the implementation of the designed data models, utilizing major DBMS packages (Oracle, MS SQL Server, MySQL, MS Access, Visual Basic, etc.), will be discussed and assigned throughout the course. *Credit: 3 semester hours.*

#### **DS 2333 Business and Economic Statistics I**

*Prerequisite:* ECO1302; MATH 1320. The course discusses the introductory descriptive statistical measures and statistical theory of estimation and hypothesis testing relevant to business problems. Topics include: methods of data presentation, measures of central tendency and dispersion, probability theory and classical probability distributions, sampling distributions, hypothesis testing and estimation, including the use of statistics packages such as EXCEL, MINITAB, and SPSS. *Credit: 3 semester hours.*

#### **DS 2334 Business and Economic Statistics II**

*Prerequisite:* DS2333. The course discusses the intermediate statistical techniques and emphasizes exploring and estimating relationships among business variables. Topics include: analysis of variance, regression and correlation, time series analysis, index numbers, nonparametric statistics and quality management. Application of the aforementioned techniques to solve real-world business problems using popular statistics packages such as EXCEL, MINITAB, and SPSS will be emphasized. *Credit: 3 semester hours.*

#### **DS 3350 Business Research Methods**

*Prerequisite:* DS2333 and CIS1332 or CIS2331. The course is offered to honors students as a substitute for DS2334. This is a research-oriented course with an emphasis on quantitative and statistical methods. Topics include: business research and decision making; information, research and knowledge management; research design; sampling methods and data collections; analytical procedures; research reporting and evaluation; and ethical considerations in business research. Case studies of quantitative methods applications are discussed and assigned. *Credit: 3 semester hours.*

## **CIS/DS Courses to Be Offered Upon Demand**

#### **3336 Multivariate Statistical Analysis for Business**

#### **3337 Advanced Business Statistics and Forecasting**

#### **3338 Operations Research for Business**

#### **3346 Linear Programming for Business Decision-Making**

#### **4340 Business Simulation and Model Building**

#### **4342 Business Software Design and Development**

# Department of Economics and Finance (ECO/FIN)

Vipul K. Bansal, Ph.D., Chair

## Economics

### 1301 Principles of Economics I

General introduction to economic analysis: cause of economic growth, inflation, depression and recession. Impact of government on the national economy via fiscal and monetary policy. *Credit: 3 semester hours.*

### 1302 Principles of Economics II

General introduction to the theory of how business firms determine what goods to produce, prices charged and the wages paid in a free economy. The effects of government regulations and controls. *Credit: 3 semester hours.*

### 1326 Economic History of the Western Community

A survey of socio-economic formations and changes in the organization of economies over time. Special focus on the Industrial Revolution and the diffusion of technological knowledge in newly industrializing countries. *Credit: 3 semester hours.*

### 2309 Money and Banking

*Prerequisite:* ECO 1301. Survey of principles of money and credit, the role of banks, the Federal Reserve and financial institutions. *Credit: 3 semester hours.*

### 2327 Development of American Business Enterprise

*Prerequisite:* ECO 1302. An analysis of American industrial framework with emphasis on the diverse forms of market structure and behavior, life cycle of industry and the degree of competition. *Credit: 3 semester hours.*

### 3303 History of Economic Thought

*Prerequisite:* ECO 1302. Survey of the main currents of economic thought. Analysis of classical and neoclassical schools of economics and their major critics. *Credit: 3 semester hours.*

### 3306 Comparative Economic Systems

*Prerequisite:* ECO 1302. An analysis of alternative ways of organizing economic activity with a focus on the ownership rights and coordination mechanisms associated with socialism and capitalism. *Credit: 3 semester hours.*

### 3307 Labor Economics

*Prerequisite:* ECO 1302. The history, the institutions, the problems and the economic significance of the American labor movement. *Credit: 3 semester hours.*

### 3313 Public Finance

*Prerequisite:* ECO 1302. Overview of the role of the national government plays in the economy, with emphasis on spending, taxation, public goods and market failures. *Credit: 3 semester hours.*

### 3323 Economics of State and Local Governments

*Prerequisite:* ECO 1301 and 1302. Comparative analysis of the efficiency of state and local governments. Emphasis on an empirical study of decision-making in New York State and New York City. *Credit: 3 semester hours.*

### 3341 Macroeconomic Theory

*Prerequisite:* ECO 1301, 1302. National income accounting as a tool of economic analysis. Presentation of the pure theory of income, with emphasis on the expenditures approach, analysis of consumer and business spending decisions and saving. *Credit: 3 semester hours.*

### 3343 Microeconomic Theory

*Prerequisite:* ECO 1301, 1302. Presentation of pure theory of prices, with stress on comparison of the utility and indifference curve approaches to value and distribution. *Credit: 3 semester hours.*

### 3344 International Economics

*Prerequisite:* ECO 2309. International trade, flow of commodities and capital across national boundaries, impact of international organizations on flow of trade. Analysis of foreign investment and balance of payments. *Credit: 3 semester hours.*

### 3346 Economic Growth and Development

*Prerequisite:* ECO 1302. An empirical and analytical study of the difference in economic growth and performance among various countries, both developed and less developed. Major theories of economic development are examined. *Credit: 3 semester hours.*

### 4340 Managerial Economics

*Prerequisite:* ECO 1302 and MTH 1320. Explores potential contribution and economic theory to formulation of business policy decisions. Concentrates on those economic concepts which can be applied to management problems. *Credit: 3 semester hours.*

### 4345 Introduction to Econometrics

*Prerequisites:* DS 2333, ECO 1301, 1302. Review of random variables, probability distributions and hypothesis testing. Introduction of regression analysis and application to time series and cross section data. *Credit: 3 semester hours.*

### 4350 Seminar in Economics

*Prerequisites:* ECO 3341 or permission of the instructor. A research-oriented course focusing on selected topics in theoretical and applied economics, in which emphasis is given to a more advanced treatment of economic issues. *Credit: 3 semester hours.*

### 4399 Economics Internship

The internship provides students with the opportunity to develop applied economic skills in an actual work setting outside the classroom. Each internship is a one term, part-time, credit-bearing position within a supervised work environment. *This course may be taken only once, open only to senior economics majors with a 3.25 major index and 3.0 cumulative index. Course-work appropriate to the internship and permission of the instructor is required. Credit: 3 semester hours.*

## ECO Courses to Be Offered

### 3319 Personal Finance

### 3335 Mathematical Economics

### 3347 Urban Economics

### 3348 Environmental Economics

## Finance

### 3310 Foundations in Finance

*Prerequisite:* ECO 1302 and ACC 2338. Organization and operating problems of corporate financial management; time value of money; stock and bond valuation; working capital management; dividend policies, mergers and consolidation. *Credit: 3 semester hours.*

### 3311 Corporate Financial Analysis

*Prerequisite:* FIN 3310. Examines problems involved in managing the assets and liabilities of a business. Emphasis is given to control of financial structure, capital budgeting, valuation and financing options. Special attention to analytical approaches and financial theory. *Credit: 3 semester hours.*

### 3312 Investments

*Prerequisite:* FIN 3311. The basic theories and techniques of investment are covered within an ethical framework. *Credit: 3 semester hours.*

### 3315 Commercial Banking

*Prerequisite:* ECO 2309 and FIN 3310. A consideration and analysis of the practical operation and management of commercial banks. *Credit: 3 semester hours.*

### 3316 Capital and Money Markets

*Prerequisite:* ECO 2309 and FIN 3310. Introduction to financial markets, different instruments traded on these markets and the nature of the financial system, and trading practices of money and capital market securities. *Credit: 3 semester hours.*

### **3318 International Banking and Finance**

*Prerequisite:* ECO 2309 and FIN 3310.

Analysis of the increasing involvement of the U.S. in international banking and the regulatory framework for international business; as well as comparing the role played by banks in other countries. *Credit: 3 semester hours.*

### **4317 Securities Analysis and Portfolio Management**

*Prerequisite:* FIN 3312. Analysis of the various types of corporate securities and a discussion of the technique of portfolio management in light of differing investment objects. *Credit: 3 semester hours.*

### **4327; 4328 Managing Investment Funds**

*Prerequisite:* Permission of instructor. These courses enable students to manage a "real" investment fund. *Credit: 3 semester hours.*

### **4350 Seminar in Finance**

*Prerequisite:* FIN 3310. Selected topics in Finance. A research-oriented course focusing upon selected topics in finance in which emphasis is given to a more advanced treatment of issues in finance. *Credit: 3 semester hours.*

### **4399 Finance Internship**

The internship is a program which provides a student with the opportunity to develop applied financial skills in an actual work setting outside the classroom. Each internship is a one term, part-time, credit bearing position within a supervised work environment. *This course may be taken only once, open only to senior finance majors with a 3.25 major index and 3.0 cumulative index. Coursework appropriate to the internship and permission of the instructor is required. Credit: 3 semester hours.*

## **Department of Law (LAW)**

**John P. Clarke, J.D., Chair**

### **1310 Law in a Business Environment**

Examination of the role of law in society, the international legal environment, ethical issues, and the application of the U.S. Constitution. Torts, contracts, business entities, bankruptcy and environmental protection are studied. *Credit: 3 semester hours.*

### **3313 Uniform Commercial Code**

*Prerequisite:* LAW 1310. Study of the legal system relative to commercial transactions, specifically covered by the Uniform Commercial Code including sales, negotiable instruments, and secured transactions. *Credit: 3 semester hours.*

### **4314 Government and Business**

*Prerequisite:* LAW 1310. Regulation of business under federal and state administrative agencies. Examination of issues relative to antitrust securities regulations, and advertising and the work of the S.E.C. and F.T.C. *Credit: 3 semester hours.*

### **4315 Labor Law and Labor Legislation**

*Prerequisite:* LAW 1310 and MGT 2301. Study of labor legislation, collective bargaining, arbitration, mediation and union-management relations, including employee privacy rights, equal employment opportunity legislation and workplace safety. *Credit: 3 semester hours.*

## **Department of Management (MGT)**

**John Angelidis, Ph.D., Chair**

### **BUS 1100 Introduction to Business**

This course is a general survey of the entire field of business administration, where students will acquire an understanding of and appreciation for business functions and career opportunities. All major aspects of business activity are covered. *Credit: 1 semester hour.*

### **IB 3341 Principles of International Business**

*Prerequisite:* MGT 2301 and MKT 3301. This course provides an introduction to the field of international business. It examines the international environment and provides insights of the world of global corporations. *Credit: 3 semester hours.*

### **MGT 2301 Administrative and Organizational Behavior**

This course is designed to provide an overview of managerial and leadership behaviors relevant to the effective utilization of administrative and human resources in organizational settings. *Credit: 3 semester hours.*

### **MGT 3323 Organizational Decision Making**

*Prerequisite:* MGT 2301, DS 2334. Focuses on the integration and application of both the quantitative and the qualitative concepts, and tools necessary to the evaluation and selection of alternatives in the administrative decision making process. *Credit: 3 semester hours.*

### **MGT 3325 Production and Operations Management**

*Prerequisite:* MGT 2301. Introduction to the fundamentals of operations management. Areas of study include aggregate planning, scheduling, inventory control, quality control, production control, productivity. *Credit: 3 semester hours.*

### **MGT 3330 Project Management**

*Prerequisite:* MGT 2301. An overview of concepts and techniques applied to the management of projects. The project is viewed as a network of activities with pre-determined start and completion times, managed by a suitable temporary organization. *Credit: 3 semester hours.*

### **MGT 3331 Strategic Leadership in a Global Environment**

*Prerequisite:* MGT 2301. This course is designed to provide an overview of the fundamental concepts of basic leadership models and theories, as well as an in-depth understanding of contemporary issues and perspectives on leadership in a global environment. *Credit: 3 semester hours.*

### **MGT 3332 Personnel Administration**

*Prerequisite:* MGT 2301. This course examines the problems and processes of the management of human resources, emphasizing the principles and practices of personnel management and the functions of the executive as applied within the context of personnel administration. *Credit: 3 semester hours.*

### **MGT 3337 Management and the External Environment**

*Prerequisite:* MGT 2301. A conceptual review of the interaction between management and the environment in which it functions is provided. The relationship of the organization with the outside public, community, and society is explored. *Credit: 3 semester hours.*

**MGT 3339 Global Organizational Behavior**

*Prerequisite:* MGT 2301. This course is designed to provide a comprehensive and up-to-date introduction to the field of international organizational behavior and managerial requirements in the global context. *Credit: 3 semester hours.*

**MGT 3340 Managing the IT Function**

*Prerequisite:* MGT 2301. While maintaining a focus on information technology resources, this course explores alternative approaches for managing IT resources, coordinating business and IT strategies, purchasing IT resources, and what the user-manager and the systems professional need to know to make effective use of IT technologies. *Credit: 3 semester hours.*

**MGT 3341 Global Business Strategy**

*Prerequisite:* MGT 2301. This is a course in the development and implementation of global business strategies. It utilizes cases to study strengths and weaknesses of multinational organizations, preparing students to evaluate global strategies that multinational organizations use to position themselves in the global business marketplace. *Credit: 3 semester hours.*

**MGT 3342 Systems Analysis and Design**

*Prerequisite:* MGT 2301. Students are introduced to the use of tools and techniques typically applied by systems analysts during the development of new business-related information systems. *Credit: 3 semester hours.*

**MGT 3344 Decision Support Systems**

*Prerequisite:* MGT 2301. Students learn to make and support managerial decisions by providing a thorough understanding of the support aspect of Decision Support Systems (DSS). *Credit: 3 semester hours.*

**MGT 3346 Electronic Commerce**

*Prerequisite:* MGT 2301. This course explores the process of buying and selling goods, services, and information electronically through telecommunications networks, and primarily the internet. *Credit: 3 semester hours.*

**MGT 4310 Entrepreneurship**

*Prerequisite:* MGT 2301, MGT 3325, MKT 3301. The course teaches students to use the entrepreneurial perspective in business decision making. Students enhance their capacity to envision, anticipate, and orchestrate events in new business ventures. *Credit: 3 semester hours.*

**MGT 4320 Service Operations Management**

*Prerequisite:* MGT 2301 and MGT 3325. This course focuses on the management of service operations within the pure service sector (banking, transportation, travel and the hospitality industry, government, etc.) and within the service functions of manufacturing (after-sales support, financing, etc.). *Credit: 3 semester hours.*

**MGT 4322 Management Information Systems**

*Prerequisite:* MGT 2301. The course provides an investigation of principles governing the design, testing, and implementation of business procedures and information systems within the framework of computerized environment. *Credit: 3 semester hours.*

**MGT 4324 Operations Management**

*Prerequisite:* MGT 2301 and MGT 3325. Selected production processes are surveyed and production problems considered with emphasis on the analytical methods used in the design, implementation and control of production systems. *Credit: 3 semester hours.*

**MGT 4326 Materials Management**

*Prerequisite:* MGT 2301. The principles and practices of materials management are surveyed with emphasis on industrial procurement—its organization and its analytical methods and techniques. *Credit: 3 semester hours.*

**MGT 4329 Managerial Strategy and Policy**

*Prerequisite:* Taken in last 12 credits, may take in summer only if graduating. The course concerns enterprise-wide strategic management. In this course students learn how to develop and implement business strategies. *Credit: 3 semester hours.*

**MGT 4333 Industrial and Personnel Psychology**

*Prerequisite:* MGT 2301. (Cf. PSY 33) The course studies the psychological aspects of individual differences, efficiency working conditions, accident prevention, human engineering, industrial mental health and counseling. *Credit: 3 semester hours.*

**MGT 4334 Managing a Culturally Diverse Workforce**

*Prerequisite:* MGT 2301. This course provides a study of the formal social structures and organizational environments, organizational environments and the factors facilitating and impeding the harmonious integration of culturally diverse workforce personnel. *Credit: 3 semester hours.*

**MGT 4335 Management of Compensation**

*Prerequisite:* MGT 2301 and MGT 3332. This course covers principles underlying management's application of monetary incentives. Generally, wage theory, principles and practices are investigated. *Credit: 3 semester hours.*

**MGT 4336 Development of Human Resources**

*Prerequisite:* MGT 2301 and MGT 3332. Students learn applications of management and teaching-learning principles of job training, supervisory development, executive growth and the role of business in meeting urban personnel needs, organization and administration of programs, methods of instruction, evaluation and research. *Credit: 3 semester hours.*

**MGT 4338 International Management and Operations**

*Prerequisite:* MGT 2301. The course provides a survey of managerial actions and practices within the global setting. The impact of economic, political, and social-cultural differences on international business management is explored. *Credit: 3 semester hours.*

**MGT 4348 Emerging Trends in MIS**

*Prerequisite:* MGT 2301. Current issues and trends in the MIS field are explored through lectures, discussions, and case analyses. *Credit: 3 semester hours.*

**MGT 4350 Research Methodology in Management**

*Prerequisite:* Open only to senior management majors. A senior level course for students interested in pursuing graduate management studies. Various tools, processes, and concepts dealing with management research are discussed. *Credit: 3 semester hours.*

**MGT 4399 Management Internship**

*Prerequisite:* Management major, senior standing, nine credits in management courses and approved by the internship committee after a formal screening process and permission of the instructor. Minimum grade point average of 3.25 in the major field and 3.0 cumulative index. This is a program to provide students with the opportunity to develop management skills in an actual work setting outside the classroom. Each internship is a one-term, part-time, credit-bearing management position within a supervised work environment. Practical application of management practices and theories is emphasized. This course may be taken only once. *Credit: 3 semester hours.*

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## Department of Marketing (MKT)

**A. Noel Doherty, Ph.D., Chair**

### **MKT 3301 Principles of Marketing**

This course is designed to develop knowledge and understanding about the basic principles of marketing and its role in directing and blending all activities of an organization.  
*Credit: 3 semester hours.*

### **MKT 3301 Principles of Marketing Honors**

This course is designed to develop knowledge and understanding about the basic principles of marketing. A service learning project will need to be completed by each honor student.  
*Credit: 3 semester hours.*

### **MKT 3305 Advertising**

*Prerequisite:* MKT 3301. Advertising is surveyed as a major part of a brand's integrated marketing communications process which presents brand information and spurs consumer behavior. *Credit: 3 semester hours.*

### **MKT 3306 Sales Promotion**

*Prerequisite:* MKT 3301. The course introduces the students to the fundamental principles and theories of sale promotion and integrated marketing communication (IMC).  
*Credit: 3 semester hours.*

### **MKT 3307 Principles of Retailing**

*Prerequisite:* MKT 3301. The student examines the planning, organization, management and operations of the retail (e-tail) firm. Strategic and tactical factors leading to growth in retail (e-tail) sales and earnings are emphasized.  
*Credit: 3 semester hours.*

### **MKT 3308 Principles of Direct Marketing**

*Prerequisite:* MKT 3301. The student examines the scope, opportunities and strategies of direct mail/marketing. Areas of consumer goods, industrial and service direct marketing are studied. *Credit: 3 semester hours.*

### **MKT 3309 Event Marketing**

*Prerequisite:* MKT 3301. Marketing is an essential element in the commercial success of entertainment products. This course considers the various mixes of entertainment media and how business uses this media to be successful.  
*Credit: 3 semester hours.*

### **MKT 3310 Sales Management**

*Prerequisite:* MKT 3301. This course focuses on the planning and strategic framework of the sales manager's job. The relationship among company goals, marketing strategies, and the sales force are emphasized and developed.  
*Credit: 3 semester hours.*

### **MKT 3311 Consumer Behavior**

*Prerequisite:* MKT 3301  
This course addresses issues related to consumer behavior from a number of different viewpoints. It examines the influences of psychological, sociological, and cultural variables on buying behavior and marketing strategy development.  
*Credit: 3 semester hours.*

### **MKT 3312 Marketing Research**

*Prerequisite:* DS 2334, MKT 3301  
Marketing Research is a scientific approach commonly used to identify problems and their causes, collect relevant information, analyze and present this information within the management decision making process.  
*Credit: 3 semester hours.*

### **MKT 3315 Product Management**

*Prerequisite:* MKT 3301. Subject matter includes the meaning, importance, corporate objectives and planning for new products, forms of new products, and organization of the new product activity.  
*Credit: 3 semester hours.*

### **MKT 3317 International Marketing**

*Prerequisite:* MKT 3301. This course is designed to expand the students' perspective of marketing from a domestic to global orientation. *Credit: 3 semester hours.*

### **MKT 3320 Service Marketing**

*Prerequisite:* MKT 3301. The course focuses on the unique challenges of managing services and delivering quality service to customers.  
*Credit: 3 semester hours.*

### **MKT 3321 Financial Services**

*Prerequisite:* MKT 3301. In this course we will look to apply marketing principles—especially those related to services marketing—to the financial services industry.  
*Credit: 3 semester hours.*

### **MKT 4305 Advertising/ Marketing Research Project**

*Prerequisite:* MKT 3301, 3305, 3312 and permission of the instructor. This is an advanced, multi-disciplinary course that uses a real-world challenge of a prominent company to teach students how to think through a complex marketing problem.  
*Credit: 3 semester hours.*

### **MKT 4306 Advertising Project**

*Prerequisite:* MKT 4305 and permission of the instructor. This is an advanced course that involves students in hands-on execution of a marketing/advertising campaign, performing all the functions of a contemporary marketing communications agency.  
*Credit: 3 semester hours.*

### **MKT 4316 Marketing Management and Policies**

*Prerequisite:* MGT 2301, MKT 3301. A capstone, case-oriented course, emphasizing the development of marketing management skills. *Credit: 3 semester hours.*

### **MKT 4318 Export- Import Marketing**

*Prerequisite:* MKT 3301. This course covers all aspects of export and import management including logistics and financing. The principles and techniques of the export and import business are explained.  
*Credit: 3 semester hours.*

### **MKT 4350 Marketing Seminar**

A senior-level course focusing on the current and critical marketing issues being addressed by today's firms. *Credit: 3 semester hours.*

### **MKT 4399 Marketing Internship**

*Prerequisites:* Marketing major, senior standing, nine credits in marketing courses and approval by the Internship Committee (after a formal screening process and permission of instructor). Minimum grade point average of 3.25 in the major and 3.0 cumulative index. Students develop marketing skills in an actual work setting outside the classroom. Each internship is a one-term, part-time, credit-bearing marketing position within a supervised work environment. Practical application of marketing practices and theories is emphasized. *Credit: 3 semester hours.*

## Department of Military Science (MSC)

(Queens campus)

### Objectives

To prepare students to serve as Second Lieutenants in the United States Army on either Active Duty or with the Reserves Components.

### Basic Courses

#### **MSC 11 Introduction to ROTC**

Increase self-confidence and knowledge through team study and activities in basic drill, physical fitness, rappelling, leadership reaction course, first aid, and map reading.  
*Credit: 1 semester hour.*

#### **MSC 12 Organization of the U.S. Army and Introduction to Leadership**

Learn and apply principles of effective leadership and Army ethics. Develop communications skills to improve individual performance and group interaction. Learn rifle marksmanship. *Credit: 1 semester hour.*



**MSC 21 Military Leadership**

Continue to develop individual abilities and contribute to the building of effective teams. Prepare, present and analyze a military battle using the Principles of War.

*Credit: 1 semester hour.*

**MSC 22 Military Skills and Team Development**

Introduction to individual and team aspects of small unit operations using Troop Leading Procedures (TLP) and the Military Decision-Making Process. Examine staff functions.

*Credit: 1 semester hour.*

**MSC 31 Small Unit Tactics and Procedures 1**

A detailed study into leader responsibilities, TLPs, operations orders and small-unit tactics. Students complete physical fitness training in preparation for the National Advanced Leaders Camp. *Credit: 3 semester hours.*

**MSC 41 Leadership Challenges and Goal Setting**

Assess organizational cohesion and develop strategies to improve it. Emphasis is placed on the Officer Evaluation System, the Army legal system, and training management doctrine. *Credit: 3 semester hours.*

**MSC 42 Transition to Lieutenant**

An advanced study of military leadership involving the U.S. Constitution and civilian control of the military. Emphasis on understanding Army doctrine and tactics. *Credit: 3 semester hours.*

*Note: Students must also register for the leadership lab for each class listed above. The leadership lab provides hands-on training in skills taught in the classroom.*

**MSC 41 Leadership Challenges and Goal Setting**

*Prerequisite:* MUS 31, 32 and departmental approval. Plan, conduct and evaluate activities of the ROTC cadet organization. Articulate goals, put plans into action to attain them. Assess organizational cohesion and develop strategies to improve it. Develop confidence in skills to lead people and manage resources. Emphasis is placed on the officer evaluation system; advanced discussions of the challenges of platoon-level leadership; detailed study of the Army's legal system; an introduction to the Army's training management and logistics systems. Field trips, a written after-action report and battle analysis are required. *Two hours and a required leadership lab (MSC LL), plus required participation in three one-hour sessions for physical fitness.*

*Credit: 2 semester hours.*

**MSC 42 Transition to Lieutenant**

*Prerequisite:* MSC 41 and department approval. An advanced study of military leadership designed to transition the student from cadet to Lieutenant. Emphasis is placed on understanding Army doctrine and tactics at the squad level and higher; introduction to military operations other than war; study of the Battle of Gettysburg including a field trip to the site; debates on the role of the U.S. Constitution and civilian control of the military. Field trips, a battle analysis and a military letter to the students' first assignments are required. *Two hours and a required leadership lab (MSC LL), plus required participation in three one-hour sessions for physical fitness.*

*Credit: 2 semester hours.*

**MSC LL Leadership Laboratory**

Practical exercise on topics discussed in class to aid in developing leadership skills. The advanced students are offered the opportunity to plan, prepare and execute the laboratories. Basic course students participate in the training and are given opportunity to learn new skills and develop team cohesion. Students develop, practice and refine leadership skills by serving and being evaluated in a variety of responsible positions. *Laboratory is conducted once weekly, usually on Thursdays.*

## Department of Risk Management, Insurance and Actuarial Science (RMI and ACT)

**James Barrese, Ph.D., Chair**

**RMI 2301 Principles of Risk Management**

*Prerequisites:* ECO 1301, ECO 1302, LAW 1310. The course promotes an understanding of risk and the management of exposure to the financial consequences risk using insurance and other financial instrument tools.

*Credit: 3 semester hours.*

**RMI 3334: Property and Liability Insurance**

*Prerequisite:* RMI 2301. The course surveys the liability and property insurance needs of businesses and households and examines available insurance tools. *Credit: 3 semester hours.*

**RMI 3335: Life, Health, Pension and Social Insurance**

*Prerequisite:* RMI 2301. The course surveys market-based and government-based insurance tools for funding the loss of wealth due to premature death, disability, and loss of health, and retirement funding issues.

*Credit: 3 semester hours.*

**RMI 3350: Risk Seminar**

*Prerequisite:* RMI 2301. Students collaborate to examine advanced issues in risk management and insurance. *Credit: 3 semester hours.*

**RMI 3360: Corporate Risk Management**

*Prerequisite:* RMI 2301. Through case examples, students gain experience with the process of managing the risk exposures of business organizations. *Credit: 3 semester hours.*

**RMI 3361: Insurance and Alternative Risk Transfer**

*Prerequisites:* RMI 2301 and FIN 3310.

This course presents advanced methods of combining insurance and other financial tools into solutions for funding a firm's exposure to risk in ways that create economic value for the firm's owners. *Credit: 3 semester hours.*

**RMI 4364: Reinsurance**

*Prerequisites:* RMI 2301. This course surveys the structure of the reinsurance industry as well as reinsurance products and programs. *Credit: 3 semester hours.*

**RMI 4390: Insurance Industry Structure and Operations**

*Prerequisite:* RMI 2301. Taken in final 12 credits of study. Provides an overview of the industrial organization of the insurance and financial services markets; an examination of the operational structure of insurance firms; and an overview of the financial evaluation of insurance organizations. *Credit: 3 semester hours.*

**ACT 3322 Actuarial Science 2 (Advanced Calculus and Statistics)**

Provides a thorough review of key calculus topics and mathematical statistics to prepare student for the actuarial examinations (1/P). *Credit: 3 semester hours.*

**ACT 3333 Actuarial Science 3 (Probability Theory)**

Provides a review and extension of Probability Theory to prepare students to take the first actuarial exam (1/P). *Credit: 3 semester hours.*

**ACT 3334 Actuarial Science 4 (Theory of Interest)**

This course develops the concepts of financial mathematics to prepare students to take the second actuarial exam (2/FM). *Credit: 3 semester hours.*

**ACT 3335 Actuarial Science 5 (Life Contingencies I)**

The first of a two-course sequence that develops the student's knowledge of actuarial models and the application of those models; also prepares students for advanced actuarial society exam material (MLC). *Credit: 3 semester hours.*

## **ACT 4336 Actuarial Science 6 (Life Contingencies II)**

The second of a two-course sequence that develops the student's knowledge of actuarial models and the application of those models; also prepares students for advanced actuarial society exam material (MLC).

*Credit: 3 semester hours.*

## **ACT 4347 Actuarial Science 7 (Construction and Evaluation of Actuarial Models)**

The first of a two-course sequence that develops the student's knowledge of modeling and actuarial methods with business applications; the material prepare the student for the fourth actuarial exam (4/C).

*Credit: 3 semester hours.*

## **ACT 4348 Actuarial Science 8 (Construction and Evaluation of Actuarial Models)**

The second of a two-course sequence that develops the student's knowledge of modeling and actuarial methods with business applications; the material prepare the student for the fourth actuarial exam (4/C).

*Credit: 3 semester hours.*

## **ACT 4349 Actuarial Science 9 (Applied Statistics)**

Applied statistics approved for actuarial society credit under the Validation by Educational Experience (VEE) program.

*Credit: 3 semester hours.*

**Steven D. Papamarcos**, *Dean and Associate Professor of Management*, B.A., Stony Brook; M.B.A., The College of William and Mary; M.Phil., Ph.D., City University of New York

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## Emeritus Faculty

**Natalie Calabro**, *Professor Emeritus*, A.S., Hunter College; M.B.A.; Ph.D., New York University; Professor of Quantitative Analysis

**Christine Rider**, *Professor Emeritus*, B.S., London School of Economics; M.A., CUNY, Queens College; Ph.D., New School for Social Research

**Eberhard E. Scheuing**, *Professor Emeritus*, 4/9/2002, M.B.A., Ph.D., University of Munich, Germany; C.P.M., A.P.P., N.A.P.M.

# College of Pharmacy and Allied Health Professions

**Robert A. Mangione**, *Dean*,  
B.S. Phm., M.S., P.D., Ed.D.

**Joseph M. Brocovich**, *Associate Dean*,  
B.S., Phm., Pharm.D.

**Sr. Laura M. Arvin, O.P.**, *Assistant Dean*,  
B.A., M.A., P.D.

**Laura M. Gianni Augusto**, *Assistant Dean*,  
B.S., Phm., Pharm.D.

**John Conry**, *Assistant Dean*,  
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**Joseph V. Etzel**, *Assistant Dean*,  
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**John-Emerý Konecsni**, *Assistant Dean*,  
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**S. Jennifer Miranda-Velazquez**,  
*Assistant Dean*, B.S., M.S., P.D., Ed.D.

**Marie Nitopi**, *Assistant Dean*,  
B.S., M.S., P.D.

**Janet E. Carl**, *Assistant to the Dean*,  
B.A., M.S., P.D.

**Michael Fahid**, *Assistant to the Dean*,  
B.S.

**Veronica M. Novy**, *Assistant to the Dean*,  
B.S., M.S., P.D.

## Statement

The College of Pharmacy and Allied Health Professions commits to academic excellence, scholarship and service to humanity through the discovery and application of biomedical knowledge.

We facilitate and advance scholarship by offering innovative programs of study utilizing active learning approaches that are student-centered, outcomes-oriented and that inspire lifelong learning.

As compassionate health care professionals and scientists, we serve humanity through our dedication to excellence in health care and biomedical research. Building on a commitment to cultural diversity and benefiting from our metropolitan location and strategic alliances with the leading health care institutions, we strive to serve as effective leaders, good citizens and moral and ethical individuals.

We commit ourselves to the discovery, communication and application of biomedical knowledge as a critical component for the development of health care professionals and scientists. Through innovative basic, social and clinical research initiatives, we contribute to scientific knowledge, address contemporary health care issues and seek solutions to health care problems.

Our mission embodies the principles of the University's mission statement: to provide a quality education in an environment that is Catholic, Vincentian and metropolitan.

## Objectives

The College of Pharmacy and Allied Health Professions seeks to prepare students to meet the present and future demands for pharmacists, physician assistants, clinical laboratory scientists, radiologic scientists and toxicologists to qualify them for their responsibility in matters of public health, to make them conscious of the opportunity to serve their fellow man, to emphasize the highly specialized professional service rendered to and for members of the other professions as well as to the public, to instill in the students appreciation of the ever-changing character of the health professions, to provide an opportunity for broad general education and to inspire students to pursue graduate study in specialized fields of interest.

The College of Pharmacy and Allied Health Professions has adopted the following Vision Statement: The College of Pharmacy and Allied Health Professions will be a nationally recognized model of distinctiveness for the preparation of exemplary health care providers dedicated to meeting the needs of all patients particularly the medically underserved in urban areas, distinguished scholars and leading researchers in the pharmaceutical and biomedical sciences.

The following areas are emphasized in our various programs:

### Pharmacy Program:

Fundamental scientific principles as they apply to therapeutic agents to help students to better understand and predict the nature and biological activity of drugs

Familiarization with the business principles and legal requirements of pharmacy

Opportunity for clinical instruction and experience recommending and assessing of rational drug therapy

Provision of knowledge to meet professional demands for participation of the pharmacist as a vital member of the health care team

### Clinical Laboratory Science Program:

Education of students in clinical laboratory sciences

Provision of a strong foundation in basic sciences and practical experience in clinical laboratories

Participation in national, state and local professional and health-oriented organizations

### Radiologic Science Program:

Offers science and clinical training to individuals aspiring to a career in Radiologic Science.

Completion of the course work and requisite training in a certificate program at a hospital.

### Toxicology Program:

Provision of fundamental training in toxicology

Providing prospective employers in the pharmaceutical, chemical, environmental and health care industries with a pool of trained, knowledgeable personnel

### Physician Assistant Program:

Preparation with qualified academic and clinical training

Provision of primary health care services

Provision of trained personnel to practice in a physician's office, hospital or other medical setting

## General Entrance Requirements

16 High School Units or appropriate score on GED

English	4
History	1
Science	1 *
Foreign Language	2
Mathematics	3
Electives	5

*At least three electives must be from the academic grouping.*

The above are the basic admission requirements for programs offered by the College except the Pharm.D. program. Students who intend to matriculate for the P.A. and Pharm.D. degree must meet all of the above requirements and have completed one year of high school chemistry.

*\*While the above are the basic admission requirements, it is required that students who intend to matriculate for the Pharm.D. degree include chemistry and biology in their high school programs. High school physics is also recommended.*

*Applicants holding a GED are generally not eligible for admission to the Pharm.D. program.*



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## Admission Requirements

\* Admission to the Pharm.D. program is highly competitive, and admission and scholarship criteria are determined each year on the strength of the applicant pool.

Candidates for admission to the pharmacy program must be at least 16 years of age and must be graduates of a four-year accredited secondary school. No student who, because of academic or disciplinary reasons, has been dismissed from or has been placed on probation in another school is eligible for admission to the College of Pharmacy and Allied Health Professions.

## Admission of Transfer Students to Advanced Standing

Transfer applicants are admitted to the Pharm.D. on a space available basis only. Because of the extremely competitive entrance requirements and retention rate, St. John's has not admitted transfer applicants (internal or external) in recent classes.

A student transferring from another college or university must present the following:

1. A statement of honorable withdrawal.
2. An official transcript of high school and college records.
3. A marked copy of the catalog of the college or university attending showing courses for which credits are sought.

Transfer students must meet University requirements in the areas of Philosophy and Theology.

Candidates for the Clinical Laboratory Sciences Program, Physician Assistant Program, Radiologic Sciences Program and Toxicology Program must meet the University requirements for Admission to Advanced Standing. Credit for comparable courses in the pre-professional sequence will be granted. No credit is allowed for professional courses taken in other than an affiliated institution.

Transfer students into the Physician Assistant Program are accepted on a space available basis, by vote of the admissions committee and only after completion of a personal interview.

## Degrees and Majors Available

### Doctor of Pharmacy Program

The entry-level Doctor of Pharmacy (Pharm.D.) degree is designed to develop students into competent pharmacists who possess the knowledge and skills needed to provide the highest quality of patient-centered medication therapy management. This curriculum provides students with a strong foundation in the liberal arts and sciences that is consistent with a strong academic program of study. The program is configured as a six-year course of study that admits students directly into the major without requiring the completion of a pre-pharmacy curriculum. Professional pharmacy coursework is introduced early in the program to increase the students' awareness of their chosen profession. The final four years concentrate on integrating basic and applied pharmaceutical and clinical sciences in the classroom, lab and practice settings. The curriculum employs an integrated approach to learning, and stresses the application of knowledge that is patient specific and focused. Consideration is given to the medically underserved.

Graduates of this program are prepared to meet the challenges associated with becoming an effective practicing pharmacist and serve as experts in drug therapy to improve the use of medication for diverse populations.

### Physician Assistant Program

The four-year program leading to a Bachelor of Science degree with a major in Physician Assistant consists of two academic years of collegiate instruction at the University, followed by 2 academic years at the Dr. Andrew J. Bartilucci Center. This accredited program provides the Physician Assistant Professional Credential concurrently with the conferral of the B.S. degree from St. John's University.

Students are reviewed annually for the purpose of evaluating performance in the academic program and ascertaining eligibility for promotion into the clinical portion of the program. Advancement into the clinical phase requires a 2.7 GPA both overall and in mathematics and science and successfully completing the promotion process.

Every freshman student should visit with the professional program during the first semester at the University and should become informed about particular requirements.

### Clinical Laboratory Science Program

This four-year program leading to the Bachelor of Science in Medical Technology degree consists of three years of collegiate instruction at the University and one year of NAACLS (National Accrediting Agency for Clinical Laboratory Sciences) approved professional/clinical study at the Dr. Andrew J. Bartilucci Center as well as the University's hospital affiliates.

Promotion into the clinical year is dependent upon the student's academic performance. Students should consult with the Dean's office each semester to determine their academic standing.

### Radiologic Sciences Program

This four-year program leading to a Bachelor of Science in Radiologic Sciences consists of two years of collegiate instruction at the University, and two years of instruction at the Dr. Andrew J. Bartilucci Center and affiliate clinical sites.

Students are evaluated on their performance in the didactic and clinical course work. Radiologic Sciences students must maintain an individual course index of 2.3, in the didactic coursework and an index of 2.3 in the clinical portion to progress through the two professional years. After graduation students are eligible to sit for the New York State Radiologic Technology Licensing Examination and American Registry of Radiologic Technology Certification in Radiography.

### Toxicology Program

Toxicologists work to protect human health and the environment from the adverse effects of chemicals. Toxicology students take courses in chemistry, biology, physiology, and pharmacology in addition to diverse courses in toxicology. Students can participate in on-campus activities such as undergraduate research in faculty laboratories or become involved in the Toxicology Club.

The Toxicology Program is a four-year program providing a minor in chemistry. This major provides all of the requirements for admission to medical school. After graduation, students are qualified for jobs in biomedical or analytical laboratories as well as admission to medical school and graduate school.

## Continuing Professional Education

**William Malone, Director**

The Office of Continuing Professional Education's core activities which are ACPE approved programs directed toward providing pharmacists and allied health professionals with the opportunities to increase their knowledge and skills with value-based programs that contribute to their professional achievement. Seminars cover a wide variety of topics including therapeutics, managed care, administration and industrial development, and address topical concerns of the current practitioner. Where appropriate, these programs are submitted for approval to the various states requiring continuing education credits. For relicensure. For more information regarding programs, the office may be reached by phone at (718) 990-5796 or e-mail at [pharmacyce@stjohns.edu](mailto:pharmacyce@stjohns.edu)

## Accreditation

**The Doctor of Pharmacy** degree program is accredited by the Accreditation Council for Pharmacy Education ([www.acpe-accredit.org](http://www.acpe-accredit.org)).

**The Clinical Laboratory Science** degree program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences ([www.nacls.org](http://www.nacls.org)).

**The Physician Assistant** degree program is accredited by the Accreditation Review Commission on Education for the Physician Assistant ([www.arc-pa.org](http://www.arc-pa.org)).

**The Radiologic Sciences** degree program is accredited by the Joint Review Committee on Education in Radiologic Technology ([www.jrcert.org](http://www.jrcert.org)).

## Attendance

Regular and prompt attendance is expected in all professional and non-professional courses, but is an individual responsibility. Students are responsible for all announced tests and for submitting all assignments given in class at the proper time.

If a student in an experiential course has any unexcused absence in any rotation, a failure will result, and the rotation must be repeated.

Faculty members have discretionary power to determine whether a student who missed an announced in class assignment or test is to be given a make-up examination.

A make-up for a final examination is offered upon the approval of the Dean's office.

Science laboratories are not included under this general policy. Students are required to attend all laboratory sessions unless excused for suitable reasons.

## Pass-Fail Option

This option is open only to allied health professions students who have completed the freshman year and who have a current quality point index of at least 2.0. It is limited to one course per semester for a four-year degree program, the total during the three years, including summer sessions, may not exceed six. It may not be exercised in connection with major requirements or with courses being applied to a minor. The quality point index will not be affected; however, a "Pass" will be credited toward the degree.

Application for the Pass-Fail Option must be made in the College of Pharmacy and Allied Health Professions Dean's Office. A student may elect the Pass-Fail Option at any time during the semester up to and including the last date designated for withdrawal from class without academic penalty. Pharm.D. students do not have the Pass-Fail Option except in courses already designated as Pass-Fail.

## General Scholastic Performance

A student's program may range from a minimum of 12 to a maximum of 18 hours (or credits.) per semester.

A minimum quality point index of 2.0 must be maintained in both the major field of concentration and all courses cumulatively.

For graduation, 2.0 minimum indices in the major and in all courses cumulatively are required.

The entry-level Pharm.D. degree requires an overall GPA and a math/science grade point average of 2.3 by the end of the first year which must be maintained throughout the remaining years of the program.

## Advanced Placement/CLEP

Upperclass 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 the St. John's degree. For information concerning the College Policy on AP credit, please contact the Office of the Dean.

## Academic Standing

Academic standing for consideration of progression within each program, progression on probation, or dismissal for poor scholarship is based on review of students' progress.

A student may not advance into the senior year of the Clinical Laboratory Science Program with an index below a 2.3 cumulative grade point average, Toxicology Program below a 2.3 overall and math/science grade point average. Students may not progress into the third and fourth years of the Physician Assistant Program unless all prerequisite courses are satisfied and the grade point average is 2.7 both overall and in math/science.

A student must maintain a 2.3 overall and math/science index in the Radiologic Science program. During the two years of the professional phase students must maintain an individual didactic course index and clinical index of 2.3 to progress from semester to semester.

Students who begin with the professional phase of the program must maintain a 2.3 individual index in their didactic professional coursework. To remain in good standing for the clinical and experiential coursework of the professional phase a 3.0 index is necessary.

Good academic standing for a student in the Entry Level Pharm.D. degree is a 2.3 overall GPA and math/science grade point average by the end of the first year which must be maintained throughout the remainder of the program.

A pharmacy major will be required to successfully complete a competency examination no later than the end of the Fall semester of the 5th year of the program to progress to the advanced pharmacy experiential portion of the program. Students will also be interviewed prior to their third year and will submit a writing sample for review.

Additional standards for progression in each program must be met. Please contact the Office of the Dean for information concerning these requirements.

## Regulations on Discipline

New York State law provides for suspension or revocation of a license to practice the healing arts if, among other things, an individual is convicted of a crime or is a habitual drinker or has been addicted to, dependent on, or a habitual user of narcotics, barbiturates, amphetamines, hallucinogens, or other drugs having similar effects. In light of this statute, any student who, after appropriate procedures, is found to have violated University regulations and policies relating to drugs may be subject to dismissal from the College or be required to undergo rehabilitation before continuing progress toward a degree.

## The Dr. Andrew J. Bartilucci Health Education Resource Center (HERC)

**S. Ellen Smith, R.S.M., Director**

The Health Education Resource Center (HERC) is open weekdays in the Sister Jane M. Durgin Pharmacy Education Center of St. Augustine Hall, Room B22. This instructional resource center provides educational and technical services to support the course objectives of the College of Pharmacy and Allied Health Professions. These services include: general references, textbooks, periodicals, faculty notes, computerized bibliographic services and video cassettes. The center is available for the use of students, faculty, alumni and practitioners.

## Special Requirements for Experiential Programs

Pharmacy students participating in experiential programs are required to have a medical examination, an immunization series, health insurance, accident and sickness insurance. Additionally, these students must purchase malpractice and/or liability insurance through the University, and must complete PHR 5000.\*

Students will also have annual criminal background checks and will be HIPAA certified. No elective or didactic course may be taken concurrently with the advanced experiential courses.

In the Clinical Laboratory Science, Physician Assistant and Radiologic Sciences Programs, students entering the hospitals for the professional years are required by the hospital to have a medical examination and to carry adequate accident and sickness insurance for the duration of their professional studies. Additional requirements may be stipulated by the hospital or healthcare institution.

Pharmacy, Clinical Laboratory Science, Physician Assistant and Radiologic Sciences program students must register at the University for each semester that they are at the experiential site and pay full tuition.

\* Students must also complete a criminal background check.

\*\*Experiential Rotations are restricted to Pharm.D. students.

## Pharmacy Intern Permit

Students who complete the third year and who are to participate in experiential rotations are required to obtain a New York Pharmacy Intern Permit. Completed applications that have been signed by a College administrator must be forwarded by the student to the New York State Board of Pharmacy after completion of the third year of the program.

## Admission to the Practice of Pharmacy

The Pharmacy program offered by the College of Pharmacy and Allied Health Professions meets the educational requirements for admission to state licensing examinations. Each state may require, in addition to academic work, a period of internship. When these and other requirements which have been established by the State have been met, the applicant is admitted to the state licensing examination. Successful candidates are granted a license to practice.

For information concerning the admission to the practice of pharmacy, write:  
89 Washington Avenue, 2nd Floor, Albany, NY 12234.

## Clinical Laboratory Science Certification

The graduate of the CLS program receives a diploma and a professional certificate from St. John's University. The graduate is eligible for admission to both the American Society of Clinical Pathologists (ASCP) and the National Certifying Agency for Clinical Laboratory Personnel (NCA) certifying exam.

Successful completion of the courses leading to a BS degree in Medical Technology and passing of the ASCP certifying examination allows the graduates to apply to the New York State Department of Education for a license to practice as a Clinical Laboratory Technologist.

## Certification of Physician Assistant

Successful completion of the professional component of Physician Assistant Education makes the graduate eligible for admission to the Physician Assistant National Certifying Examination as administered by the National Commission on Certification of Physician Assistants.

## Radiological Sciences Certification

Successful completion of the professional component of Radiologic Sciences education allows the student to apply for admission to the American Registry of Radiologic Technologists exam in radiography.

## Affiliate Clinical Pharmacy Sites

**Pharmacy Clinical Coordinators:**

**Eileen Lonergan**

**Dr. Philip McAvoy**

**Dr. Frank Nania**

*(sites subject to change)*

Active Health Management

American Regent

Americare Pharmaceutical Services

Annadale Family Pharmacy

Avanti Health Care (Alexander Infusion)

Belle Harbor Chemists

Bellevue Hospital

Beth Israel Medical Center-Petrie Campus

Beth Israel Medical Center, Kings Highway Division

Bimark Medical Communications

Bioscrip Inc.

Bonus Drugs and Surgicals

Brookhaven Memorial Hospital

The Burke Rehabilitation Hospital

Cabrini Medical Center

Cardinal Health Nuclear Pharmacy Services

Cardinal Health Nuclear Pharmacy Services-Bronx

Center for Extended Care and Rehabilitation

Clinton Apothecary

Columbo Pharmacy

Coney Island Hospital

Creedmore Psychiatric Center

CVS Pharmacy (East Hills)

CVS-Garden City

CVS-Mineola

CVS-Oceanside

Dale Drugs

Drug Town

Duane Reade-Astoria

Duane Reade Bowery

Duane Reade #467 (Elmont)

Duane Reade #451 (Franklin Square)

Duane Reade-Fresh Meadows

Duane Reade-Port Authority

Echo Drugs/Surgical Supplies

Eckerd Flushing

Eckerd-Astoria

Eckerd's Whitestone

Elite Pharmacy Consulting  
 Elmhurst Hospital  
 Fidelis Care New York  
 Franklin Square Pharmacy  
 Franwin Pharmacy  
 Good Samaritan Hospital  
 Great Neck Chemists  
 Greater New York Hospital Association  
 Greenwich Hospital  
 Guardian Consulting Services, Inc.  
 Hackensack University Medical Center  
 Harlem health Center  
 HealthMax-Pharmacy  
 Health Smart Pharmacy  
 Healthsmart Pharmacy (Freeport)  
 The Healthy Choice Apothecary  
 Hill Pharmacy (65 Place)  
 HIP Health Plan of New York-Pharmacy  
 Services Department  
 Hoboken University Medical Center  
 Hospital for Special Surgery  
 Huntington Hospital  
 Jacobi Medical Center  
 Jamaica Hospital Medical Center  
 Jayson Drugs  
 The Jewish Home and Hospital  
 King Kullen Pharmacy #11  
 Lawrence Hospital  
 Lincoln Hospital  
 Lincoln Medical and Mental Health Center  
 Little Neck Drug Store  
 Long Island College Hospital  
 Long Island Jewish Hospital  
 Long Island Regional Poison and Drug  
 Information Center  
 Lutheran Medical Center  
 Mallinckrodt Inc.  
 John T. Mather Memorial Hospital  
 Maxor National Pharmacy Services Corp.  
 Maxor-Staten Island  
 Medco Health Solutions  
 Med-World Pharmacy  
 Melrose Pharmacy  
 Mercy Medical Center  
 Montifiore Medical Center-Einstein Division  
 National Medical Health Card System, Inc.  
 Neergaard's Pharmacy  
 New Island Hospital  
 New London Pharmacy  
 New Victory Pharmacy  
 New York City Poison Control Center  
 The New York Hospital Medical Center  
 of Queens  
 New York Presbyterian- Colombia  
 Presbyterian Hospital  
 New York Presbyterian - The New York  
 Hospital of Cornell

Northport VA Medical Center  
 North Shore University Hospital  
 North Shore University Hospital at Glen Cove  
 Our Lady of Mercy Healthcare System  
 Palisades Medical Center-New York  
 Presbyterian Healthcare System  
 Parker Jewish Institute for Health Care and  
 Rehabilitation  
 Pathmark Pharmacy #626 (Ozone Park)  
 Pathmark Yonkers  
 PetNet Pharmaceuticals, Inc.  
 Phelps Memorial Hospital  
 Philanthropic Arm of the Nassau  
 Healthcare Corp.  
 Queens Children's Psychiatric Center  
 Queens Hospital Center  
 Regal Pharmacy  
 Region Care  
 Rite Aid-86th Street  
 Rite Aid-Inwood  
 Rite Aid-Staten Island  
 Rock Ridge Pharmacy  
 Rockville Centre Pharmacy  
 Rockwell Compounding Associates  
 Rocky Hill Pharmacy  
 S & M Pharmacy  
 Salzman Chemists  
 Sanofi-Aventis-U.S. Integrated Healthcare  
 Markets  
 Sara Newman Nursing Center  
 ScriptX, Inc.  
 Shore Pharmaceutical Services, Inc.  
 Simelson Pharmacy  
 Southampton Hospital  
 South Nassau Communities Hospital  
 South Oaks Hospital/Broadlawn Manor  
 Nursing Care Center  
 Southside Hospital  
 Stella's Pharmacy  
 St. Catherine of Sienna Medical Center  
 St. Charles Hospital  
 St. Francis Hospital  
 St. John's Episcopal Hospital  
 St. Johnland Nursing Center, Inc.  
 St. John's Riverside Hospital  
 St. Mary's Hospital for Children  
 Sunrise Pharmacy  
 Target Greatland (Flushing/College Point)  
 Target Medford  
 Thrift Drugs  
 Town Drug at Broadway  
 Town Drugs (East Northport)  
 Town Drugs (Manhattan)  
 Town Drugs (North Shore)  
 Townline Drug & Surgical  
 Town Total Health-Manhattan  
 Town Total Health-Melville

University Hospital at Stony Brook -  
 State University of New York  
 VA Hudson Valley Health Care System  
 Village Pharmacy  
 Waldbaum's Pharmacy-Douglaston  
 Waldbaum's Merrick  
 Walgreens-Broadway  
 Walgreens-Elmhurst  
 Walgreens-Flushing  
 Walgreens-Franklin Square  
 Watson Laboratories  
 Watson Laboratories, Inc.  
 (Clinical Research Rotation Only)  
 Waynes Pharmacy  
 Westchester Medical Center  
 West Hempstead Pharmacy  
 Winthrop University Hospital  
 World's Fair Pharmacy  
 Zive Pharmacy & Surgicals

## Allied Health Professions Clinical Laboratory Science

**Usha Ruder**, M.D., *Medical Advisor*

**Ann Paula Zero**, B.S. in Med. Tech., M.S.,  
 M.T., (ASCP), CLS (NCA), *Program Director*

*(sites subject to change)*

Jamaica Hospital and Medical Center  
 Flushing Hospital and Medical Center  
 New York Hospital of Queens  
 Winthrop University Hospital  
 Wyckoff Heights Medical Center

## Physician Assistant Program

**Vincent Politi**, M.D., *Medical Director*

**Niels N. Schmidt**, R.P.A., M.B.A.,  
*Program Director*

*(sites subject to change)*

Flushing Hospital  
 Jamaica Hospital  
 Kingsbrook Jewish Hospital  
 Lincoln Hospital  
 Long Island Jewish Hospital  
 Mount Sinai Medical Center  
 North Central Bronx Hospital  
 North Shore Forest Hills Hospital  
 St. Barnabas Hospital  
 St. Francis Hospital  
 St. Vincent's Hospital  
 Wyckoff Heights Medical Center  
 Callen Lorde Clinic  
 Covenant House Clinic  
 Pierre Toussaint Clinic  
 Dr. G. Calleja private practice  
 Dr. S. DiFranco Private Practice

Dr. D. Fernandez Private Practice  
 Dr. B. Golyan Private Practice  
 Dr. M. Golzan Private Practice  
 Dr. L. Gorsky Private Practice  
 Dr. A. Haskoor Private Practice  
 Dr. D. Kintzoglou Private Practice  
 Dr. S-S. Lee Private Practice  
 Manhattan Family Practice  
 Dr. R. Nassim private Practice  
 New York Orthopedics Private practice  
 Dr. R. Pimentel Private Practice  
 Dr. O. Preis Private practice  
 Dr. J. Sayegh Private practice  
 Dr. R. Short (Woodhaven) Private Practice  
 Dr. H. Sure Private Practice  
 Dr. D. Tristan private Practice  
 Urological Surgical Associates  
 Private Practice  
 Dr. N. Wallach Private Practice  
 Western Midtown Medical Group  
 Woodside Family Practice

## Radiologic Sciences Program

**Mary Jo Perry, A.S., B.S., M.S., Program Director**

*(sites subject to change)*

Doshi Diagnostic Imaging Services  
 Flushing Imaging Center Central Radiology  
 Main Street Radiology  
 Kingsbrook Jewish Medical Center  
 Jamaica Hospital Medical Center  
 Saint Vincent Catholic Medical Center  
 New York Hospital Medical Center of Queens  
 Wyckoff Heights Medical Center

## Endowed Scholarships, Awards and Honors

Through the generosity of our alumni, friends and benefactors, the College is fortunate to offer a number of endowed scholarships. Some of these endowments include the following:

L.W. Frohlich Scholarship  
 E. Burke Giblin Scholarship  
 Charles Mollo Scholarship  
 Sandy Irene and Family Scholarship  
 Vincenzo James Mantia Scholarship  
 Andrew Bartilucci Scholarship  
 Michael W. Seul Scholarship  
 Charles and Winifred Jarowski Research Endowment  
 Phi Eta Sigma Scholarship  
 Scheer Family Scholarship  
 Mary-Beth Konecsni Scholarship  
 Peter J. Aterno Memorial Scholarship  
 David R. Wilkes Scholarship

Herbert J. and Patricia Marie Kett Scholarship  
 Marion and Michael Mangione Memorial Scholarship  
 Duane Reade Scholars Endowed Scholarship  
 Mitchell S. Krauss Memorial Scholarship  
 Mary Jane Fay Pharmacy Scholarship

The following awards may be available to students:

American Pharmaceutical Association  
 American Pharmaceutical Association Certificate of Recognition  
 ASHP Student Leadership Award  
 Auxiliary of the Pharmacists' Society of the State of New York Scholarship  
 Aventis Scholarship  
 Andrew J. Bartilucci Medical Technology Award  
 Andrew J. Bartilucci Scholarship Award  
 CVA Pharmacy Scholarship  
 Ralph DePalma Jr. Memorial Scholarship Award  
 The Gertrude Doudounas Award  
 Eli-Lilly Achievement Award  
 Facts and Comparisons Award for Excellence in Clinical Communications  
 Glaxo SmithKline Patient Care Award  
 Health Professions Award  
 Indo-American Pharmaceutical Society Award  
 JM Long Foundation Scholarship Award  
 Bruce Kay Memorial Award of Merit (Sponsored by Pfizer)  
 Herb and Patricia Kett Scholarship  
 Korean American Pharmaceutical Association Award  
 Long Island Pharmacist Society, Inc. Award  
 Mallinckrodt Award  
 Vincenzo J. Mantia Memorial Scholarship  
 Ralph Martorana Award  
 Merck & Co., Award  
 Anthony J. Monte-Bovi Award  
 Mylan Pharmaceuticals, Inc. Award  
 National Community Pharmacists Association (NCPA) Student Achievement Award (Sponsored by Bristol Myers Squibb)  
 New York City Society of Hospital Pharmacists Award  
 Outstanding Research Performed by a Graduating Toxicology Major Award  
 Patient Care Award  
 Pfizer U.S. Pharmaceuticals Outstanding Leader Award  
 Pharmaceutical Society of the State of New York Award  
 Phi Delta Chi Award  
 Phi Lambda Sigma Leadership Award  
 Physician Assistant Academic Excellence Award  
 Rho Chi Society Research Award  
 Rho Chi Society Scholarship Award

Rite-Aid Award  
 Roche Pharmacy Communication Award  
 Alfred and Michael Seul Memorial Student Life Award  
 St. Luke Physician Assistant Award  
 St. Luke/St. Martin de Porres Award  
 TEVA Award  
 Vincent DePaul Toxicologist Award  
 Joseph Balkon Toxicology Leadership Award  
 Christine Veal Award  
 Walgreen's Award  
 Wal-Mart Scholarship Award  
 Westchester Society of Health-System Pharmacists

Please contact the Office of the Dean for information regarding scholarship and awards.

## Pharmacy Honor Society

The Beta Delta Chapter of the Rho Chi Society, the national pharmaceutical honor society seeking the advancement of the pharmaceutical sciences through encouragement and recognition of high scholarship and research, was established at St. John's University in 1954. Pharmacy students who have achieved fourth-, fifth-, and sixth-year status, who have a cumulative quality point index of 3.5 or better and are in the top 20% of the class are eligible for nomination to membership.

## Pharmacy Leadership Society

The Xi Chapter of Phi Lambda Sigma, a pharmacy leadership society, seeks to promote the development of leadership qualities in pharmacy students. With the fundamental assumption that leaders are made not born, the Society encourages participation in all pharmacy activities, provides opportunities for leadership development, and aids in selecting those who may wish to identify and demonstrate their leadership abilities. Pharmacy students who have achieved fourth- or fifth-year status, who have a cumulative quality point index of 2.5 or better and who have been nominated on the basis of their demonstration of dedication, service and leadership in the advancement of pharmacy are eligible for membership.



## Program Requirements

### Entry Level Pharm.D.

(Minimum of 201 semester hours)

*The faculty expressly reserves the right to make alterations in the curriculum consistent with the needs of the profession.*

#### First Year

Fall Semester	Credits.
ENG 1000C	3
THE 1000C*	3
CHE 1110, 1111, 1112	4
MTH 1250	3
DNY 1000C	3
PHR 1000	0
<b>TOTAL</b>	<b>16</b>

#### Spring Semester

ENG 1100C*	3
THE 2000-2999	3
CHE 1120, 1121, 1122	4
MTH 1260	3
PHI 1000C	3
CPP 1101	1
<b>TOTAL</b>	<b>17</b>

#### Second Year

##### Fall Semester

THE 3300*	3
PHI 2240*	3
BIO 2000	3
CHE 1130, 1131, 1132	4
SPE 1005C	3
PAS 2301	1
<b>TOTAL</b>	<b>17</b>

##### Spring Semester

PHI 3000C	3
PAS 2201	3
PHS 3504	3
PHS 2101	3
PHS 2201	4
PHS 2301	1
<b>TOTAL</b>	<b>17</b>

#### Third Year

##### Fall Semester

PHS 3601	4
PHS 3507	3
[PHS 3505	2]
[PHS 3506	2]
PAS 3301	3
CPP 3201	2
PHS 3602	1
PHS 3302	1
<b>TOTAL</b>	<b>18</b>

##### Spring Semester

PHS 3603	4
[PHS 3508	2]
[PHS 3509	2]
PHS 3510	3
CPP 3202	2
PHS 3604	1
PHS 3303	1
Elective	2
<b>TOTAL</b>	<b>17</b>

#### Fourth Year

##### Fall Semester

[PHR 4105	4]
[PHR 4109	3]
[PHR 4110	3]
PHS 4601	3
CPP 4301	2
PHR 4201	1
TOX 5301	2

<b>TOTAL</b>	<b>18</b>
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##### Spring Semester

[PHR 4107	3]
[PHR 4111	3]
[PHR 4112	4]
PHS 4602	3
PAS 4305	2
PHR 4202	1
CPP 4402	2

<b>TOTAL</b>	<b>18</b>
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#### Fifth Year

##### Fall Semester

[PHR 5108	4]
[PHR 5106	3]
[PHR 5107	3]
PAS 5202	4
PHR 5201	1
CPP 5301	3
PHR 5000+	0

<b>TOTAL</b>	<b>18</b>
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*Note: The bracketed courses will be taught sequentially.*

*+Course required for APPE's.*

##### Spring Semester

Module Rotations	12
CPP 5202	4
<b>TOTAL</b>	<b>16</b>

#### Sixth Year

##### Fall Semester

Module Rotations	15
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There are a total of nine APPE rotations in the entry-level Doctor of Pharmacy Program. The rotations are divided in four-week blocks at three credits. each. Of the nine rotations only the externships are required in the fifth academic year. The rotations are as follows:

##### Required Rotations

1. CPP 5401 Institutional Pharmacy Practice Externship
2. CPP 5402 Ambulatory Pharmacy Practice Externship
3. CPP 5403 Inpatient Clerkship I
4. CPP 5407 Ambulatory Care Clerkship
5. CPP 5405 Inpatient Clerkship II

##### Elective Rotations

1. CPP 5404 Elective Clerkship I
2. CPP 5408 Elective Clerkship II
3. CPP 5409 Elective Clerkship III
4. CPP 5410 Elective Clerkship IV

##### Spring Semester

CPP 6101	3
CPP 6102	3
PHR 6101	2
Professional Elective	3
Professional Elective	3
<b>TOTAL</b>	<b>14</b>

#### Clinical Laboratory Science

(Minimum of 138 semester hours)

*The faculty expressly reserves the right to make alterations in the curriculum consistent with the needs of the profession.*

#### First Year

Fall Semester	Credits.
ENG 1000C	3
MTH 1250C	3
CHE 1110, 1111, 1112	4
BIO 2000, 2001	4
DNY 1000C	3
<b>TOTAL</b>	<b>17</b>

#### Spring Semester

ENG 1100C	3
MTH 1260C	3
CHE 1120, 1121, 1122	4
TOX 1401	3
TOX 1402L	1
PHI 1000C	3
<b>TOTAL</b>	<b>17</b>

#### Second Year

##### Fall Semester

CHE 1130, 1131, 1132	4
PHY Elective	3
THE 1000C	3
PHI 2200/2240	3
BIO 2280, 2281	4
<b>TOTAL</b>	<b>17</b>

##### Spring Semester

BIO 3460, 3461	4
ALH 2101	2
THE 2XXX	3
PHS 4204	3
PHI 3000C	3
<b>TOTAL</b>	<b>15</b>

#### Third Year

##### Fall Semester

TOX 4413	3
TOX 4414	2
PHS 3103	3
PHS 3104	1
THE 3XXX	3
SPE 1000C	3
Language I or LAC 1000C	3
<b>TOTAL</b>	<b>18</b>

##### Spring Semester

Social Science Elective	3
PHS 3105	3
PHS 3101	3
PHS 2101	3
Language 2 or Fine Arts	3
HIS 1000C	3
<b>TOTAL</b>	<b>18</b>

## Fourth Year

### Summer Semester

ALH 4140	2
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### Fall Semester

ALH 4151	3
ALH 4152	1
ALH 4153	2
ALH 4154	3
ALH 4155	4
ALH 4156	2
ALH 4157	2

TOTAL	17
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### Spring Semester

ALH 4161	3
ALH 4162	1
ALH 4163	2
ALH 4164	2
ALH 4165	4
ALH 4166	2
ALH 4167	2
ALH 4168	1

TOTAL	17
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## Toxicology

(Minimum of 127 semester hours)

*The Toxicology Program continues undergoing revision. The faculty expressly reserves the right to make alterations in the curriculum consistent with the needs of the profession.*

## First Year

### Fall Semester Credits.

ENG 1000C	3
MTH 1250C	3
CHE 1210, 1211, 1212	5
BIO 2000	3
BIO 2001	1
DNY 1000C	3

TOTAL	18
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### Spring Semester

MTH 1260C	3
CHE 1220, 1221, 1222	5
TOX 1401	3
TOX 1402L	1
ENG 1100C	3

TOTAL	15
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## Second Year

### Fall Semester

CHE 2230, 2231	5
PHY 1610, 1611, 1612	4
TOX 2403	3
PHS 3104	1
PHS 3103	3

TOTAL	16
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### Spring Semester

CHE 2240, 2241	5
PHY 1620, 1621, 1622	4
PHS 3105	3
PHI 1000C	3
THE 1000C	3

TOTAL	18
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## Third Year

### Fall Semester

PHS 3101	3
TOX 3405	4
PHI 2200/2240	3
HIS 1000C	3
THE 2XXX	3

TOTAL	16
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### Spring Semester

PHS 2201	4
ALH 2301	1
TOX 3406	4
PHS 3509	2
THE 3XXX	3
Social Science Elective	3

TOTAL	17
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## Fourth Year

### Fall Semester

TOX 4413	3
TOX 4414	2
TOX 4404	4
TOX 4405	1
Language 1 or LAC 1000C	3
Research Options	

TOTAL	13–18
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### Spring Semester

TOX 4403	4
Language 2 or Fine Arts	3
TOX 4412	4
PHI 3000C	3
Research Options	

TOTAL	14–18
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## Radiologic Science

(Minimum of 128 semester hours)

*The faculty expressly reserves the right to make alterations in the curriculum consistent with the needs of the profession.*

## First Year

### Fall Semester Credits.

ENG 1000C	3
DNY 100C	3
THE 1000C	3
PHI 1000C	3
SPE 1000C	3

TOTAL	15
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### Spring Semester

PAS 3402	3
ENG 1100	3
RAD 1101	2
MTH 1260C	3
Soc. Sci.	3
HIS 1000C	3

TOTAL	17
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## Second Year

### Fall Semester

PHI 2200 or 2240	3
Language I or LAC 1000C	3
General Elective	3
PAS 3401	3
PAS 4201	3

TOTAL	15
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## Spring Semester

THE 2XXX	3
Language 2 or Fine Arts	3
THE 3XXX	3
PAS 4202	3
PHI 3000C	3
Gen. Elect.	3

TOTAL	18
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## Third Year

### Fall Semester

RAD 1103	2
RAD 1104	2
RAD 1106	4
RAD 1110	3
RAD 1114	3
RAD 1125	0

TOTAL	14
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### Spring Semester

RAD 1107	4
RAD 1111	3
RAD 1115	3
RAD 1131	1
RAD 1126	4

TOTAL	15
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### Summer Semester

RAD 1129	4
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TOTAL	4
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## Fourth Year

### Fall Semester

RAD 2105	3
RAD 2108	4
RAD 2117	4
RAD 2124	1
RAD 2127	3

TOTAL	15
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### Spring Semester

RAD 2109	4
RAD 2123	4
RAD 2132	3
RAD 2133	1
RAD 2128	3

TOTAL	15
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## Physician Assistant

(Minimum of 130 semester hours)

*The faculty expressly reserves the right to make alterations in the curriculum consistent with the needs of the profession.*

## First Year

### Fall Semester Credits.

ENG 1000C	3
MTH 1250	3
CHE 1110, 1111, 1112	4
BIO 2000	3
DNY 1000C	3

TOTAL	16
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### Spring Semester

ENG 1100C	3
ALH 1201	2
CHE 1120, 1121, 1122	4
BIO 3000	3
THE 1000C	3
PHI 1000C	3

TOTAL	18
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## Second Year

### Fall Semester

CHE 1130, 1131, 1132	4
BIO 2280, 2281	4
PHS 3103	3
PHS 3104	1
PHI 2200/2240/1020	3
THE 2XXX	3
<b>TOTAL</b>	<b>18</b>

### Spring Semester

PHS 2201	4
PHS 3509	2
PHS 3105	3
PHI 3000C	3
THE 3XXX	3
PHS 3101	3
<b>TOTAL</b>	<b>18</b>

## Third Year

### Fall Semester

ALH 3201	1
ALH 3202	2
ALH 3203	4
ALH 3204	4
ALH 3205	4
<b>TOTAL</b>	<b>15</b>

### Spring Semester

ALH 3206	4
ALH 3207	4
ALH 3208	1
ALH 3209	2
ALH 3210	2
ALH 3211	2
<b>TOTAL</b>	<b>15</b>

## Fourth Year

### Fall Semester

ALH 4201	3
ALH 4202	3
ALH 4203	3
ALH 4204	3
ALH 4205	3
<b>TOTAL</b>	<b>15</b>

### Spring Semester

ALH 4206	3
ALH 4207	3
ALH 4208	3
ALH 4209	3
ALH 4210	3
ALH 4211	0
<b>TOTAL</b>	<b>15</b>

## Pharmacy Course Offerings (PHR)

### 1000 Introductory Seminar for Pharmacy Students

This mandatory seminar course will introduce all new students to the activities, responsibilities and requirements for students enrolled in Doctor of Pharmacy Program. During this course, areas such as an overview of the curriculum, advisement, experiential and academic service learning, professionalism and legal and technical standards required for degree completion will be presented. Completion of this seminar is required for enrollment in CPP 1101 in the Spring semester. Lecture. *Credit: 0 semester hour.*

### 4105 Drugs and Infectious Diseases

*Prerequisite(s): All courses in the first three years.* Instruction in the area of infectious diseases (pathophysiology, medicinal chemistry, pharmacology, therapeutics and self-care therapeutics). *Lecture, 4 hours. Credit: 4 semester hours.*

### 4107 Drugs and Diseases of the Respiratory Systems

*Prerequisite(s): All courses in the first three years.* This course is designed to instruct the student in the area of respiratory disease (pathophysiology, pharmacology, medicinal chemistry, therapeutics and self-care therapies). *Lecture, 3 hours. Credit: 3 semester hours.*

### 4109 Drugs and Diseases: Skin, Connective Tissue, and Miscellaneous Diseases

*Prerequisites: ALL courses of the first three years.* This course is designed to instruct students in the area of diseases of the skin and connective tissue, with additional focus on miscellaneous disease states including anemias, some coagulation disorders and glaucoma. Teaching emphasis will be sequential method of instruction relevant to specific disease states to incorporate the areas of pathophysiology, pharmacology, medicinal chemistry, therapeutics, and self-care therapies. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. *Credit: 3 semester hours.*

### 4110 Drugs and Diseases of the Cardiovascular/Renal Systems I

*Prerequisites: ALL courses of the first three years.* This course is designed to instruct the student in the areas of cardiovascular and kidney disease and electrolyte imbalances. Teaching emphasis will be a sequential method of instruction relevant to specific disease states to incorporate the areas of pathophysiology, pharmacology, medicinal chemistry, therapeutics, and self care therapies. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. *Credit: 3 semester hours.*

### 4111 Drugs and Diseases of the Cardiovascular/Renal Systems II

*Prerequisites: ALL courses of the first three years and PHR 4110.* This course is designed to instruct the student in the area of cardiovascular and kidney disease. Teaching emphasis will be a sequential method of instruction relevant to specific disease states to incorporate the areas of pathophysiology, pharmacology, medicinal chemistry, therapeutics, and self care therapies. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. *Credit: 3 semester hours.*

### 4112 Drugs and Diseases of the Nervous System

*Prerequisites: ALL courses of the first three years.* This course is designed to instruct the student in the area of neurological and psychiatric disorders. Teaching emphasis will be a sequential method of instruction relevant to specific disease states to incorporate the areas of pathophysiology, pharmacology, medicinal chemistry, therapeutics, and self-care therapies. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. *Credit: 4 semester hours.*

### 4201 Pharmacy Practice Laboratory III

*Prerequisite(s): All required third-year course work. Corequisite(s): PHR 4101, PHR 4102, PHR 4103, PHR 4104, PAS 4303.* Provides the student the opportunity to apply data in a simulated pharmacy setting, assess patient findings, evaluate new prescription orders, prepare the new order and address any potential problems that are identified, dispense the preparation to the patient. *Laboratory, 3 hours. Credit: 1 semester hour. \$120 fee.*

### 4202 Pharmacy Practice Laboratory IV

*Prerequisite(s): All required third-year course work and PAS 4303. Corequisite(s): PHR 4105, PHR 4106, PHR 4107.* Provides the student the opportunity to apply data in a simulated pharmacy setting, assess patient findings, evaluate new prescription orders, prepare the new order and address any potential problems that are identified, dispense the preparation to the patient. *Laboratory, 3 hours. Credit: 1 semester hour. \$120 fee.*

### 5000 Cardiopulmonary Resuscitation Techniques and First Aid

This Standard First Aid course provides the student with the basic principles of cardiopulmonary resuscitation (CPR) and leads to CPR and first-aid certifications. Certification must be obtained prior to the advanced experiential rotations. *Lecture, one 5 1/2-hour course. Credit: 0 semester hour.*

### 5106 Drugs and Diseases of the Endocrine and Reproductive Systems

*Prerequisites: ALL courses of the first three years.* This course is designed to instruct the student in the area of endocrine and reproductive disorders. Teaching emphasis will

Note: \*These courses will be taught both semesters.

be sequential method of instruction relevant to specific disease states to incorporate the areas of pathophysiology, pharmacology, medicinal chemistry, therapeutics, and self-care therapies. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience.

*Credit: 3 semester hours.*

#### **5107 Drugs and Diseases of the Gastrointestinal and Genitourinary Tracts**

*Prerequisites: ALL courses of the first three years.* This course is designed to instruct the student in the area of diseases of the gastrointestinal and genitourinary tract. Teaching emphasis will be sequential method of instruction relevant to specific disease states to incorporate the areas of pathophysiology, pharmacology, medicinal chemistry, therapeutics, and self care therapies. This course will incorporate interdisciplinary instruction utilizing faculty with varied areas of expertise and experience. *Credit: 3 semester hours.*

#### **5108 Drugs and Neoplastic and Associated Diseases**

*Prerequisite(s): All courses in the first four years.* This course is designed to instruct the student in the area of neoplastic disorders (pathophysiology, pharmacology, medicinal chemistry, therapeutics and self-care therapeutics). *Lecture, 4 hours.*  
*Credit: 4 semester hours.*

#### **5201 Biomedical Laboratory IV (for pharmacy majors only)**

*Prerequisite(s):* PHS 2301, PHS 3302, PHS 3303, BIO 1210, BIO 1220, PHS 3504, PHS 3507, PHS 3508, PHS 3509. *Co-requisite(s):* PHR 4101, PHR 4102, PHR 4103 and PHR 4104. Demonstration and experimentation of basic principles of medicinal chemistry, pharmacology, toxicology and biotechnology. *Laboratory, 3 hours. Credit: 1 semester hour. \$120 fee.*

#### **6101 Basic Concepts and Clinical Application of Nutraceuticals**

*Prerequisites:* ALL courses through the fifth year. This course will address the basic issues of development, modes of administration, efficacy, and marketing of nutraceuticals—foods or parts of foods and chemical components of foods, which provide medical benefits including the prevention and/or treatment of disease. In addition, vitamins, minerals, and other dietary supplements will be discussed in terms of their role in contributing to or maintaining health. The role and status of herbal products, nutritional supplements and naturopathy as alternative therapies to mainstream medicine will also be covered. *Credit: 2 semester hours.*

## **Clinical Pharmacy Practice Course Offerings (CPP)**

**Candace Smith, Pharm.D., Chair**

### **Objectives**

The department seeks to provide students with the opportunity to acquire the knowledge, develop the attitudes and master the skills required for contemporary clinical pharmacy practice.

Lectures, utilization of the multi-media programs in the Resource Center, and individual and group conferences with faculty and preceptors give the student the opportunity to acquire the knowledge base required to be a drug advisor on the health care team.

By participation in health care settings throughout the curriculum and through interactions with patients, physicians, nurses, paraprofessionals and pharmacists, assistance is given to the student to develop the professional attitudes and acquire the communication techniques and skills that are prerequisites for health practitioners who wish to apply academic knowledge to practical situations.

Utilization of the Pharmacy Practice and Patient Assessment Laboratories and primary health care settings, including community pharmacies, allows the student to become familiar with the legal, administrative and clinical aspects of successful pharmacy practice. In addition, other clinical training sites are utilized as resources for student instruction in therapeutic drug monitoring, provision of drug information and patient interviewing and education. These include major metropolitan area medical centers, community hospitals and clinics, and institutions emphasizing the care of specific patient populations (e.g., pediatric, psychiatric, geriatric care).

#### **1101 Introduction to Pharmacy Practice**

This course is designed to provide the student with an overview of the pharmacy profession and contemporary practice issues. Given on a Pass-Fail basis. *Lecture, 1 hour.*  
*Credit: 1 semester hour.*

#### **3153 Introduction to Alternative Medicine**

*Prerequisites:* CPP 1101, PAS 2301. This course is intended to provide an introduction to the origin, basic principles, indications and philosophy of selected alternative medicine modalities. *Lecture, 2 hours.*  
*Credit: 2 semester hours.*

#### **3201 Introduction to Pharmaceutical Care**

*Prerequisite(s):* PHS 2101, PAS 3301. *Corequisite(s):* PHS 3510. This course is designed to introduce the student to the concept of pharmaceutical care. *Lecture, 2 hours.*  
*Credit: 2 semester hours.*

#### **3202 Experiential Pharmacy I**

*Prerequisites:* CPP 3201; PAS 3301

This course is designed to transition the student from didactic training to experiential training; to allow the student to apply the skills and knowledge acquired thus far to the process of prescription preparation and the practice of patient care. The major goal of this course is to foster professionalism within the student, towards their patients, other healthcare professionals, and the preceptors from affiliated practice sites who will assist them in the growth of their patient care skills and to guide them through the experiential process. This course will introduce the student to the medication dispensing process, including patient medication profiles, to drug use reviews/evaluation, and to patient counseling in accordance to state and federal regulations guiding pharmacy practice. The student will also be exposed to the administrative, financial and clinical activities that pharmacists routinely perform during the practice of the profession. *Experiential Hours: Total 104 experiential hours (one eight hour day per week for 13 weeks).*  
*Credit: 2 semester hours.*

#### **3951 Research in Clinical Pharmacy I\***

Students participate in clinical research studies under the direction of clinical faculty. *Permission for student participation must be obtained from a clinical faculty member prior to course registration.* *Credit: 3 semester hours.*

#### **3952 Research in Clinical Pharmacy II\***

*Prerequisite:* CPP 3951. Opportunity for students to continue clinical research activities or undertake additional projects. *Same requirements as stated in CPP 3951 description.* *Credit: 3 semester hours.*

#### **4301 Drug Information and Laboratory**

*Prerequisite(s):* CPP 3201, PHS 3508, PHS 3509. The philosophy and fundamentals of drug information practice, and the application of drug information skills in the delivery of pharmaceutical care are discussed. *Lecture, 1 hour; Laboratory, 1 hour. Credit: 2 semester hours.*

#### **4401 Pharmacy Practice Externship**

*Prerequisites:* CPP 4301, CPP 3201, PHS 3508, PHS 3509, PAS 4303. This course is an experiential training course that exposes the student to all aspects of traditional pharmacy practice, both in the ambulatory as well as the institutional setting. *Externship, 30 hours.*  
*Credit: 1 semester hour.*

#### **4402 Literature Evaluation and Research Design**

*Prerequisite:* CPP 4301. Provides the student with the skills and knowledge base to critically evaluate the primary literature and understand the practical implications of such literature. *Lecture, 2 hours. Credit: 2 semester hours.*

**5202 Experiential Pharmacy II**

*Prerequisites:* CPP 3202. This course will build upon Experiential Pharmacy I, transitioning and developing the skills of the student to become a more active participant in the healthcare delivery system for both the institutional and community settings. The goals of this course include continuing to develop professionalism within the student and applying the knowledge and skills gained thus far to the provision of patient care. The student, under the supervision of pharmacy preceptors from affiliated practice sites, will actively become involved in preparing prescriptions for the patient, utilizing and evaluating the patient medication profile, participating in quality assurance activities, and actively develop patient counseling skills. They will be exposed to all aspects of medication therapy management, including administrative, financial and clinical activities.

*Experiential Hours:* 208\* hours experiential off-campus hours. *Credit:* 4 semester hours

\*This is a longitudinal pharmacy practice learning experience. It will begin in fall of 4th year and must be completed by fall of 5th year. Scheduling of hours will be at the discretion of the pharmacy preceptor from the affiliated pharmacy practice sites and the student. A formalized schedule will be prepared by the College to assist with student scheduling.

**5301 Clinical Applications of Pharmacokinetics and Pharmacodynamics**

*Prerequisite:* PAS 4401. This course is designed to explore prevailing topics in the areas of applied clinical pharmacokinetics, pharmacodynamics, toxicokinetics and include some aspects of special drug delivery systems. Application of advanced pharmacokinetic principles will be covered including examples of drugs and exhibit linear and non-linear pharmacokinetics. Clinically relevant pharmacodynamic principles will be covered. Principles and physio-chemical properties of drugs removed by extracorporeal systems will be discussed. *Credit:* 3 semester hours

**5401 Institutional Pharmacy Practice Externship**

*Prerequisites:* All required courses through the fall of fifth year and successful completion of the comprehensive examination. This course is a module rotation in which the student participates in the provision of pharmaceutical services in an institutional setting. *Externship, 160 hours. Credit:* 3 semester hours.

**5402 Ambulatory Pharmacy Practice Externship**

*Prerequisites:* All required courses through the fall of fifth year and successful completion of the comprehensive examination. This is an experiential training course that exposes the student to all aspects of pharmacy practice in the ambulatory setting. *Externship, 160 hours. Credit:* 3 semester hours.

**5403 Inpatient Clerkship I**

*Prerequisites:* All required courses through the fall of fifth year and successful completion of the comprehensive examination. This course is an experiential rotation in an approved institution that is intended to expose the student to various aspects of clinical pharmacy practice in the inpatient setting. *Clerkship, 160 hours. Credit:* 3 semester hours.

**5404 Elective I Clerkship**

*Prerequisites:* All required courses through the fall of fifth year and successful completion of the comprehensive examination. This rotation introduces the student to a specialized area of pharmacy practice. This area may be selected according to the student's interest or an area of medicine in need of further emphasis. *Clerkship, 160 hours. Credit:* 3 semester hours.

**5405 Inpatient Clerkship II**

*Prerequisites:* All required courses through the fall of fifth year and successful completion of the comprehensive examination. An experiential rotation to expose the student to various aspects of clinical pharmacy practice in the inpatient setting, stressing the development of clinical skills that were introduced in the Inpatient Clerkship I rotation. *Clerkship, 160 hours. Credit:* 3 semester hours.

**5407 Ambulatory Care Clerkship**

*Prerequisites:* All required courses through the fall of fifth year and successful completion of the comprehensive examination. This course is an experiential rotation that is intended to expose the student to various aspects of clinical pharmacy practice in the setting. *Clerkship, 160 hours. Credit:* 3 semester hours.

**5408 Elective II Clerkship**

*Prerequisites:* All required courses through the fall of fifth year and successful completion of the comprehensive examination. This rotation introduces the student to a specialized area of pharmacy practice. This area may be selected according to the student's interest or an area of medicine in need of further emphasis. *Clerkship, 160 hours. Credit:* 3 semester hours.

**5409 Elective III Clerkship**

*Prerequisites:* All required courses through the fall of fifth year and successful completion of the comprehensive examination. This rotation introduces the student to a specialized area of pharmacy practice. This area may be selected according to the student's interest or an area of medicine in need of further emphasis. *Clerkship, 160 hours. Credit:* 3 semester hours.

**5410 Elective IV Clerkship**

*Prerequisites:* All required courses through the fall of fifth year and successful completion of the comprehensive examination. This rotation introduces the student to a specialized area of pharmacy practice. This area may be selected according to the student's interest or an area of medicine in need of further emphasis. *Clerkship, 160 hours. Credit:* 3 semester hours.

**6101 Case Studies in Drugs and Diseases Issues in Pharmaceutical Care**

*Prerequisites:* All required courses through the fifth year. A patient case-based interactive learning experience designed to strengthen the student's ability to provide pharmaceutical care. Emphasis is placed on patient assessment and development of a pharmaceutical care plan. *Lecture, 3 hours. Credit:* 3 semester hours.

**6102 Prevention and Management of Drug Induced Diseases**

*Prerequisites:* All required courses through the fifth year. A general understanding of adverse drug events including monitoring, evaluating, preventing and managing these events provides a basis for organ system specific drug-induced disease issues. *Lecture, 3 hours. Credit:* 3 semester hours.

**6104 Geriatric Pharmacotherapy**

*Prerequisites:* All courses through fifth year. *Corequisites:* CPP 6101, CPP 6102, CPP 6103, PHR 6101. This course is designed to introduce the student to the physiologic, pharmacologic and sociologic aspects of aging. This course will focus on: 1) physiological and practical aspects of medication use in the elderly; 2) the pharmacist's role in geriatric care, and 3) the management of disease states and syndromes that predominantly occur in the elderly. The use of a case study format will allow the student to gain experience in designing and monitoring drug regimens for the geriatric patient. *Lecture, 3 hours. Credit:* 3 semester hours.

**6105 Contemporary Issues In Community Pharmacy**

*Prerequisites:* All required courses throughout the fifth year. This course will expose the student to contemporary issues in community pharmacy practice. The role of the community pharmacist in the provision of pharmaceutical care will be explored in depth. Particular emphasis will be placed upon the emerging function of the pharmacists as an ambulatory care provider and integral part of the health care team. *Lecture, 3 hours. Credit:* 3 semester hours.

**6106 Advanced Concepts in the Management of Allergy and Immunologic Diseases**

*Prerequisites:* All courses up through the fall of sixth year. The course is intended to facilitate the development of the skills and competencies necessary for the provision of pharmaceutical care to patients suffering from allergic and immunologic disorders. Contemporary issues in the pharmacologic and non-pharmacologic prevention and management of these disorders will be investigated in detail. Emphasis will be placed on patient assessment and the development of appropriate pharmaceutical care plans for both the ambulatory and inpatient settings. *Lecture, 3 hours. Credit:* 3 semester hours.



### **6107 Pharmacotherapy of Autoimmune Disorders**

*Prerequisites:* All courses up through the fall of the fifth year. This course is intended to facilitate the development of the skills and competencies necessary for the provision of pharmaceutical care to patients suffering from autoimmune disorders. The pathophysiology for each disease state will be reviewed along with the pharmacology and therapeutics for the drugs available for their treatment. Emphasis will be placed on patient assessment and the development of pharmaceutical care plans for patients suffering from autoimmune disorders. *Lecture, 3 hours. Credit: 3 semester hours.*

### **6108 Pediatric Pharmacotherapy**

*Prerequisites:* PHR 4105, PHR 4106, PHR 4107. This course is designed to introduce the student to the field of pediatric pharmacotherapy, emphasizing the maturational process involved from the neonatal period into adulthood that influences drug therapy. The units of instruction are developed to prepare future pharmacists in understanding the dosing and use of drugs specific to the pediatric population. *Lecture, 3 hours. Credit: 3 semester hours.*

### **6109 Comprehensive Management of HIV/AIDS**

*Prerequisite:* PHR 4105. This course is intended to facilitate the development of the skills and competencies necessary for the provision of pharmaceutical care to patients infected with HIV. The course is intended to review the pharmacologic management of HIV infection and associated AIDS indicator conditions. Emphasis will be placed on patient assessment and the development of pharmaceutical care plans for patients suffering from HIV. *Lecture, 3 hours. Credit: 3 semester hours.*

### **6110 Advanced Topics in Infectious Disease**

*Prerequisite:* PHR 4105 (*D and D and advanced experiential rotations*)  
This course is designed to build and expand upon the principles of infectious diseases. A compendium of literature, studies, and guidelines in infectious diseases will be examined to obtain and in-depth knowledge of: pharmacodynamics of antimicrobial agents, the treatment of select disease states not covered by Drugs and Infectious Diseases (PHR 4105) and administrative methods to ensure optimal antimicrobial use. *Credit: 3 semester hours.*

## **Pharmaceutical Sciences Course Offerings (PHS)**

**Louis D. Trombetta, Ph.D., Chair**

### **Objectives**

The Department of Pharmaceutical Sciences is committed to providing a solid background in the biomedical sciences to allow students in pharmacy and allied health programs to acquire critical learning skills and to develop successful careers rendering health service to the public in industrial, academic and clinical settings. The department provides students with the fundamental knowledge base that enables them to interpret and remain current with the scientific literature in clinical and basic research. Students are prepared to explain the action of drugs in current use and to understand the manner in which these drugs are employed in clinical and basic science settings. Students are expected to acquire the necessary critical skills and background in chemistry, physiology, toxicology and pharmacology that are essential to understanding the nature, composition, standardization and evaluation of natural and synthetic substances used in the diagnosis, prevention and treatment of disease.

### **The following are PHS courses:**

#### **2101 Public Health for the Pharm.D.**

*Prerequisites:* BIO 2000. *Corequisite(s):* BIO 1220. All aspects of public health including organizations, administration, environmental social health problems are discussed. The study of epidemiology and disease control is emphasized. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **2201 Biopharmaceutical Chemistry/ Biotechnology**

*Prerequisites:* CHE 1110, 1111, 1112, 1120, 1121, 1122, CHE 1130, 1131, 1133; BIO 1210. *Corequisite(s):* BIO 1220; PHS 2301. The course is an intermediate-level biochemistry and molecular biology lecture course. *Lecture, 4 hours. Credit: 4 semester hours.*

#### **2301 Biomedical Laboratory I**

*Prerequisites:* CHE 1110, 1111, 1112, 1120, 1121, 1122, 1130, 1131, 1132; BIO 1210. *Corequisite(s):* PHS 2201, BIO 1221. Demonstration and experimentation of basic principles of pharmaceutical biochemistry and biotechnology. *Laboratory, 3 hours. Credit: 1 semester hour. Fee \$120.*

#### **3101 Introduction to Pathology (for allied health students)**

*Prerequisite:* PHS 3103. A detailed discussion of the relationships between the normal and pathologic anatomy of the human body and disease mechanisms occurring in the major organ groups. *Lecture, 3 hours. Credit: 3 semester hours.*

### **3103 Human Anatomy and Physiology I (for allied health students)**

Detailed study of the mechanisms whereby the human body maintains homeostasis in the major functional systems of the body to provide a foundation for the study of pharmacology. *Lecture, 3 hours. Credit: 3 semester hours.*

### **3104 Human Anatomy and Physiology Laboratory I (for allied health students)**

*Corequisite:* PHS 3105. Demonstration and study of major functional systems of the body. *Laboratory, 3 hours. Laboratory fee \$120. Credit: 1 semester hour.*

### **3105 Human Anatomy and Physiology II (for allied health students)**

*Prerequisites:* PHS 3103, *Corequisite:* PHS 3104. A study of the structure and function of the major body systems: nervous, endocrine, urinary, body fluids and electrolytes, reproductive system. *Lecture, 3 hours. Credit: 3 semester hours.*

### **3151 Calculations in Pharmacy Practice**

*Corequisites:* PAS 3101, 3102. This course deals with pharmaceutical calculations involved in preparation, dispensing, and delivery of pharmaceutical products. *Lecture, 2 hours. Credit: 2 semester hours.*

### **3152 Introduction to Product Development**

*Corequisites:* PAS 3101, 3102. This course deals with considerations involved in product development and formulation of a dosage form. *Lecture, 2 hours. Credit: 2 semester hours.*

### **3302 Biomedical Laboratory II (for pharmacy students)**

*Prerequisites(s):* PHS 2301. *Corequisite(s):* PHS 3504, PHS 3506. Demonstration and experimentation of basic principles of human anatomy and physiology, microbiology, immunology and biotechnology. *Laboratory, 3 hours. Credit: 1 semester hour. \$120.*

### **3303 Biomedical Laboratory III (for pharmacy students)**

*Prerequisites:* PHS 2301, PHS 3302. *Corequisites:* PHS 3504, PHS 3506. Demonstration and experimentation of basic principles of medicinal chemistry, pharmacology, toxicology and biotechnology. *Laboratory, 3 hours. Credit: 1 semester hour. \$120.*

### **3504 Applied Human Anatomy and Physiology I (Pharm. D. only)**

*Prerequisites:* BIO 1210, BIO 1220, PHS 2201. *Corequisite:* PAS 3302. The structure and function of body systems; molecular aspects of cell biology; cell physiology; cell structure; tissues; integumentary, musculoskeletal, cardiovascular, lymphatic, respiratory and digestive systems. *Lecture, 3 hours. Credit: 3 semester hours.*

### **3505 Clinical Immunology**

*Prerequisites:* BIO 1210, BIO 1220, PHS 2201, PHS 2101. A study of the lymphatic system, immune response and immunity in humans. *Lecture, 2 hours. Credit: 2 semester hours.*

**3506 Introduction to Infectious Diseases**

*Prerequisites:* BIO 1210, BIO 1220, PHS 2201, PHS 2101. A study of the general microbial concepts, principles of infectious disease and host parasite relationships. *Lecture, 2 hours. Credit: 2 semester hours.*

**3507 Applied Human Anatomy and Physiology II for the Pharm.D.**

*Prerequisites:* PHS 2201, PHS 2301, PHS 3302. A study of the structure and function of the major body systems: nervous, endocrine, urinary, body fluids and electrolytes, reproductive system. *Lecture, 3 hours. Credit: 3 semester hours.*

**3508 Introduction to Medicinal Chemistry**

*Prerequisites:* PHS 2201, PHS 2301, PHS 3302. This course introduces the student to the scientific principles which are fundamental to medicinal chemistry and foundational to the integration of this basic pharmaceutical science into therapeutics. *Lecture, 2 hours. Credit: 2 semester hours.*

**3509 Introduction to Pharmacology**

*Prerequisites:* PHS 2201, PHS 3504, PHS 2301, PHS 3302. *Corequisite(s):* PHS 3507, PHS 3303. This course introduces the student to the scientific principles which are fundamental to pharmacology and foundational to the integration of this basic pharmaceutical science into therapeutics. *Lecture 2 hours. Credit: 2 semester hours.*

**3510 General Pathology and Clinical Laboratory Data for the Pharm. D.**

*Prerequisites:* PHS 3504, PHS 2101, PHS 3505, PHS 3506, PHS 3302. *Corequisite(s):* PHS 3507, PHS 3303. A detailed study of the basic principles involving the mechanisms of disease are discussed. Clinical correlates are covered with respect to laboratory data. *Lecture, 3 hours. Credit: 3 semester hours.*

**3601 Pharmaceutics I for the Pharm.D.**

*Prerequisites:* MTH 1250, MTH 1260, CHE 1110, 1111, 1112, CHE 1120, 1121, 1122, CHE 1130, 1131, 1132, BIO 1210, BIO 1220. *Corequisite:* PAS 3602. The specific physical, chemical and biological principles that govern homogeneous liquid dosage forms; methods and procedures essential to solving the mathematical problems typically associated with pharmacy practice. *Lecture, 4 hours. Credit: 4 semester hours.*

**3602 Pharmacy Practice Laboratory I**

*Corequisite:* PAS 3601. This laboratory course enables the student to correlate the principles and theory with experimental observation of homogeneous systems. *Laboratory, 3 hours. Credit: 1 semester hour. Fee: \$120.*

**3603 Pharmaceutics II for the Pharm.D.**

*Prerequisites:* PHS 3601, 3602. *Corequisite:* PHS 3604. The specific physical, chemical and biological principles that govern heterogeneous fluid, semi-solid and solid systems; degradation

of pharmaceutical products; factors affecting drug stability. *Lecture, 4 hours. Credit: 4 semester hours.*

**3604 Pharmacy Practice Laboratory II**

*Prerequisites:* PHS 3601, PHS 3602. *Corequisite:* PHS 3603. This laboratory enables the student to correlate the principles and theory with experimental observation of heterogeneous systems. *Laboratory, 3 hours. Credit: 1 semester hour. Fee: \$120.*

**3951; 3952 Research in Pharmaceutical Sciences I; II**

An elective course designed to familiarize the student with opportunities for research (conducting an actual research project under the guidance of a faculty member in the student's chosen area). *Laboratory fee, \$120. Credit: 3 semester hours.*

**4204 Introduction to Clinical Chemistry.**

The study of clinical laboratory tests based on chemical principles or procedures and their use in the diagnosis, prognosis, and treatment of diseases. Information is provided on routine test specimens, the analytical principles underlying common laboratory tests and home test kits, and the correlation of laboratory results with patient's health status. Attention is also given to the effects of physiological, dietary and drug-related factors on laboratory values. *Credit: 3 semester hours.*

**4601 Extemporaneous Compounding**

*Prerequisites:* PHS 3601, 3602, 3603, 3604. *Corequisite:* PHR 4201. Training and expertise to ascertain the quality, safety, and technique required to compound and dispense the prescription in community and institutional pharmacy practice. *Lecture, 3 hours. Credit: 3 semester hours.*

**4602 Biopharmaceutics and Basic Pharmacokinetics**

*Prerequisites:* PHS 3603; 3604. Biopharmaceutics is the study of the factors influencing bioavailability of a drug in man and animals and the use of this information to optimize therapeutic activity of drug products in clinical application. This course includes the study of (a) factors which may influence availability and disposition as well as pharmacological and toxicological response of drugs, and (b) pharmacokinetic mathematical models to assess drug absorption, distribution, metabolism and elimination process, including continuous and intermittent drug infusion. *Credit: 3 semester hours.*

**6204 Advanced Pharmacy Calculations**

*Prerequisites:* Completion of all fifth-year courses. This course deals with pharmaceutical calculations involved in contemporary pharmacy practice. Special emphasis is placed on improving the skills of pharmacy students and stimulating their thinking in the application of mathematical concepts in contemporary pharmacy practice, e.g., extemporaneous compounding, preparing

intravenous admixtures, electrolyte balance, radiopharmaceuticals, calculation of dosage regimen during multiple dosing and calculation of dosage regimen. *Lecture, 3 hours. Credit: 3 semester hours.*

**6207 Contemporary Parenteral Practice**

*Prerequisites:* PHS 4303, PHR 5201, and all courses taught through fifth year. This course is designed to enhance understanding of the techniques encountered in the practice involving parenteral dosage forms. The state of the art in special equipment, components, and devices necessary to prepare these delivery systems will be studied in detail. This course will provide additional exposure to mathematics as well as the influence of physical and chemical properties of drugs and how they relate to excipient, delivery devices and preparation mechanism. This course will cover topics such as intravenous admixtures (IV Ads), total parenteral nutrition (TPN), irrigation, ophthalmic and other parenteral products, their content, dosing, stability and compatibility. *Lecture, 3 hours. Credit: 3 semester hours.*

**6209 Drug Delivery and Targeting**

*Prerequisites:* PHS 4304 and all required fifth-year courses. This course is designed to review controlled release technology primarily as it relates to medicinal applications. Students will learn about the design, fabrication, methods of controlling release, and theoretical considerations of various classes of drug delivery systems (matrixes, membrane controlled reservoir systems, and bioerodible systems) as well as the application of these systems for various routes of delivery (parenteral, oral, transdermal, nasal, pulmonary, etc.). *Lecture, 3 hours. Credit: 3 semester hours.*

**6210 Special Drug Delivery Systems**

*Prerequisites:* Completion of all fifth-year courses. This course will cover modified release drug delivery systems administered by transdermal, intranasal, ocular and parenteral routes. The major emphasis will be placed on the mechanisms of drug absorption through various routes, pharmacokinetic considerations, physico-chemical characteristics of drugs, and principles involved in the design, development and manufacture of these delivery systems. Specific formulation excipients employed in these delivery systems and physicochemical characteristics desirable from these aids will be discussed. In addition, evaluation of these drug delivery systems, especially in vitro and in vivo evaluation, and their correlation will also be covered. *Lecture, 3 hours. Credit: 3 semester hours.*

**6211 Contemporary Product Development**

*Prerequisites:* PHS 4303, and all required courses through the fifth year. This course deals with the processes involved in development and formulation of pharmaceutical products from their inception to the marketing of dosage forms. Special emphasis is placed on the technology involved in their preparation, bioavailability considerations, and in vitro:in

vivo correlation. *Lecture, 3 hours.*  
*Credit: 3 semester hours.*

### **6212 Delivery of Biotechnology-Derived Drugs**

*Prerequisites:* Completion of all required fifth-year courses. This course will cover delivery systems for biotechnology-derived drugs and techniques used to evaluate these delivery systems. The major emphasis will be placed on important aspects utilized in the design and development of delivery systems for biotechnology-derived drug substances, such as peptides and proteins. Novel approaches to deliver gene therapy will also be discussed. In addition, studies such as in vitro drug release studies, cell culture studies used to determine drug absorption, and in vivo pharmacokinetic studies for the evaluation of biotechnology-derived products will be covered.  
*Lecture, 3 hours. Credit: 3 semester hours.*

## **Toxicology (TOX)**

The following courses are TOX courses:

### **1401 Molecular Basis of Pharmaceutical Science and Pharmacogenomics**

This course reviews the principles of cell biology in terms of the underlying molecular mechanisms that drive cellular function. The central dogma and functional concepts of molecular pharmaceutical science is reviewed and tied into the larger context of gene and genome function. Upon completion of the course, students will possess a working framework of molecular pharmaceutical sciences, genomic scale analysis and pharmacogenomics. Students will be prepared to integrate new molecular technologies and paradigms as they emerge. The course stresses the use of a range of resources available to health professionals. *Lecture, 3 hours.*  
*Credit: 3 semester hours.*

### **1402L Pharmacogenomics and Molecular Principles Lab**

*Corequisite:* PHS 1401. Students are exposed to new emerging molecular technologies and paradigms in a series of hands-on bench work and computational exercises. This series supports the students already developing framework of molecular biology and genomic scale analysis from the accompanying didactic course. In this lab, students are given a set of modular online labs to introduce, reinforce, and expand upon the concepts covered in the Pharmacogenomics and Molecular Principles course-lecture series. Online modules use existing academic and federal research institute resources wrapped into a modular format to introduce the students to information outlets for health professionals. The lab exercises teach and reinforce the concepts of evaluating whole systems, i.e., expression data sets, multiple allele analysis, etc. *Laboratory, 3 hours.*  
*Credit: 1 semester hour. Lab fee \$120.*

### **2403 Current Issues in Toxicology**

Toxicology is the science concerned with understanding the nature of toxic chemicals and how they interact with living organisms. Public issues and controversies where toxic chemicals are involved are studied with respect to the social, political and scientific values that impinge on their resolution. *Lecture, 3 hours.*  
*Credit: 3 semester hours.*

### **3405; 3406 Principles of Toxicology I; II (formerly 2401, 2402)**

An introduction to toxicology with emphasis on material involved as well as systems affected. A discussion of the classifications of poisons and the preventive aspects. *Lecture, 4 hours.*  
*Credit: 4 semester hours.*

### **4403 Toxicology Colloquium (formerly PHS 3403)**

The student is prepared for the process of identifying a research question of toxicological interest, research design and the handling of research data. *Lecture, 4 hours.*  
*Credit: 4 semester hours.*

### **4404 Pharmacologic Toxicology**

*Prerequisites:* PHS 3509, 3405, 2201.  
*Corequisites:* PHS 4401, PHR 4304. Agents affecting the autonomic, central nervous, cardiovascular, renal and endocrine systems, as well as anti-infective/antineoplastic agents are examined therapeutically and toxicologically. *Lecture, 4 hours. Credit: 4 semester hours.*

### **4405 Pharmacologic Toxicology Laboratory**

*Prerequisite:* PHS 3509. This laboratory will provide the student with opportunity to experience the effects of drugs and other toxic substances on living systems, in coordination with the course on Pharmacologic Toxicology. *Laboratory, 3 hours. Credit: 1 semester hour. Laboratory fee \$120.*

### **4412 Regulatory Toxicology and Risk Analysis**

*Prerequisites:* PHS 3406, PHS 3407, TOX 4404. Advance concepts of safety evaluation and monitoring for human and environmental responses to chemicals. Methods of evaluation of toxic hazards will be considered for pharmaceuticals, industrial chemicals, food contaminants, and environmental chemicals. Students acquire an appreciation for the role of uncertainty and quality of data in hazard assessment through experiential involvement in a formal risk analysis of a hypothetical toxic incident. *Lecture, 4 hours.*  
*Credit: 4 semester hours.*

### **4413 Analytical and Quantitative Toxicology**

*Prerequisites:* CHE 2240. *Corequisites:* TOX 4414 and TOX 4405. This course introduces students to principles of analysis for drugs and environmental contaminants as well as methods used in toxicological research. Topics will include sample preparation, analyte extraction, and detection. Techniques and instrumentation covered will include spectrophotometry, chromatography (TLC, GC, HPLC), mass spectrometry, immunoassay

methods (EMIT, ELISA), and molecular biology. Lectures will emphasize theoretical and practical aspects of analysis and instrumentation.  
*Credit: 3 semester hours.*

### **4414 Analytical and Quantitative Toxicology Laboratory**

*Prerequisites:* CHE 1210-1220 or equivalent, CHE 2230-2240 or equivalent. *Corequisites:* TOX 4413. Hands-on laboratory experiments with quantitative and qualitative analytical techniques and instruments in the areas of drug metabolism and forensic, environmental, pharmaceutical, and molecular toxicology. Laboratory, 6 semester hours.  
*Credit: 2 semester hours. Lab fee: \$120.*

### **5301 Toxicology and Drugs of Abuse**

*Prerequisite(s):* All required courses in the first four years. Students are instructed in the principles of toxicology with an emphasis placed on clinical toxicology and the management of the drug overdose victim and the adverse effects caused by drugs of abuse. *Lecture, 2 hours. Credit: 2 semester hours.*

## **Pharmacy Administration and Allied Health Sciences Course Offerings (PAH)**

Wenchen Wu, R. Ph., M.B.A., Ph.D., Chair

### **Objectives**

The department seeks to provide students with the opportunity to acquire the knowledge, develop the attitudes and master the skills required for contemporary pharmacy practice.

Lectures, utilization of the multi-media programs in the Resource Center and individual and group conferences with faculty give the student a knowledge of the principles and processes in the manufacture, stabilization, preservation, storage and dispensing of both official and non-official dosage forms.

Classroom and conference discussions give the student an opportunity to develop creative talents in compounding and formulating dosage forms.

## **Allied Health Course Offerings (ALH)**

### **Objectives**

To provide a strong foundation in the basic allied health and industrial sciences and the necessary tools to work in selected allied health professions and various related industrial sciences.

The following courses are ALH courses:

### **1201 Introduction to Health Care**

Problems in the development of comprehensive health services in the United States; characteristics of a profession; development of

modern medical practice; medical terminology; consideration of the many health professions that form the health team. *Lecture, 2 hours. Credit: 2 semester hours.*

### **2101 Introduction to Medical Technology**

Historical development of the clinical laboratory sciences profession. Introduction to the types of tests performed in a clinical laboratory. *Lecture, 2 hours. Credit: 2 semester hours.*

### **2301 Biopharmaceutical Chemistry (Allied Health Students only)**

*Prerequisites:* BIO 2000, 2001, CHE 1110, 1111, 1112, 1120, 1121, 1122, 1130, 1131, 1132 *Corequisites:* PHS 2201  
Demonstration and experimentation of basic principles of pharmaceutical, biochemistry and biotechnology. *Laboratory, 3 hours. Credit: 1 semester hour. Fee: \$135.*

### **3201 Professional and Behavioral Medicine**

*Prerequisite:* All prerequisite courses to the professional phase of the PA program.  
This course is designed to introduce the PA student to ethical principles of the medical profession and the role of the Physician Assistant as a member of the health care team. The course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. Teaching emphasis will be sequential methods of instruction relevant to the history of the PA profession, role development, medical-legal-ethical issues and cultural diversity. Emphasis is placed on case-based ethical dilemmas, contemporary ethical-legal issues, ethical debates and the development of qualities, behaviors, attitudes and values essential to providing ethical and compassionate patient care. *Lecture, Credit: 1 semester hour.*

### **3202 Medical Assessment**

*Prerequisite:* All prerequisite courses to the professional phase of the PA program.  
This course is designed to introduce the PA student to various diagnostic imaging studies, clinical chemistry theory and laboratory assessment. Emphasis is placed on indications for diagnostic testing, characteristics of specific procedures, interpretation of laboratory or imaging results and the techniques, advantages, disadvantages, benefits and risks of various procedures. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. *Emphasis is placed on case-based clinical assessment, association of abnormal laboratory and imaging results with specific diseases, and the correlation of enzymes to body systems and organ dysfunction. Lecture, Credit: 2 semester hours.*

### **3203 Clinical Medicine 1**

*Prerequisite:* All prerequisite courses to the professional phase of the PA program.  
This course is designed to instruct the PA student in the areas of human health and disease in immunology, dermatology, ophthalmology, otolaryngology and

pulmonology. Teaching emphasis will be a sequential method of instruction relevant to the epidemiology, etiology, pathophysiology, clinical manifestations, diagnosis, treatment, clinical pharmacological applications, complications and prognoses of selected disease states. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. Emphasis is placed on case-based clinical therapeutics and patient education regarding drug administration, potential adverse effects and drug interactions. *Lecture, Credit: 4 semester hours.*

### **3204 Clinical Medicine 2**

*Prerequisite:* All prerequisite courses to the professional phase of the PA program. This course is designed to instruct the PA student in the areas of human health and disease in cardiology, gastroenterology, endocrinology, hematology, oncology, nephrology and urology. Teaching emphasis will be a sequential method of instruction relevant to the epidemiology, etiology, pathophysiology, clinical manifestations, diagnosis, treatment, clinical pharmacological applications, complications and prognoses of selected disease states. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. Emphasis is placed on case-based clinical therapeutics and patient education regarding drug administration, potential adverse effects and drug interactions. *Lecture, Credit: 4 semester hours.*

### **3205 Comprehensive Health History and Physical Diagnosis**

This course is designed to develop the cognitive, psychomotor and affective attributes in the PA student for identifying and describing normal human anatomy, recognizing normal vs. pathological clinical manifestations, obtaining a medical history, performing a screening physical examination and recording findings as medical-legal documents. Teaching emphasis will be a sequential method of instruction relevant to the structure and function of body systems, common pathophysiology and clinical manifestations and physical examination demonstration. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. Emphasis is placed on communication skills, cultural sensitivity, professionalism and standardization of medical record documentation. Students will demonstrate acquisition of skills during supervised hospital visits and practical examinations, and will begin to incorporate assessment and management plans into patient care. *Lecture, 4 hours. Credit: 4 semester hours.*

### **3206 Clinical Medicine 3**

*Prerequisite:* All prerequisite courses and fall courses in the professional phase of the PA program. This course is designed to instruct

the PA student in the areas of human health and disease in neurology, cardiology, infectious disease, obstetrics and gynecology. Teaching emphasis will be a sequential method of instruction relevant to the epidemiology, etiology, pathophysiology, clinical manifestations, diagnosis, treatment, clinical pharmacological applications, complications and prognoses of selected disease states. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. Emphasis is placed on electrocardiogram interpretation, case-based clinical therapeutics and patient education regarding drug administration, potential adverse effects and drug interactions. *Lecture, Credit: 4 semester hours.*

### **3207 Clinical Medicine 4**

*Prerequisite:* All prerequisite courses and fall courses in the professional phase of the PA program. This course is designed to instruct the PA student in the areas of human health and disease in rheumatology, orthopedics, psychiatry and community medicine. Teaching emphasis will be a sequential method of instruction relevant to the epidemiology, etiology, pathophysiology, clinical manifestations, diagnosis, treatment, clinical pharmacological applications, complications and prognoses of selected disease states. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. Emphasis is placed on special procedures in diagnostic imaging, as well as promotion, prevention, maintenance, and protection of health and wellness of individuals and communities to include social and economic determinants of health and common medical problems that are frequently encountered in urban settings. Teaching will also utilize case-based clinical therapeutics and patient education regarding drug administration, potential adverse effects and drug interactions. *Lecture, Credit: 4 semester hours.*

### **3208 Case-Enhanced Focused Health History and Physical Diagnosis**

*Prerequisite:* All pre requisite courses and fall courses in the professional phase of the PA program. This course is designed to build on the knowledge gained in HHPD 1 to facilitate the PA student in refining their skills in performing focused, problem-based histories and physical examinations. Teaching emphasis will be a sequential method of instruction integrated with concurrent medical lecture in having students form accurate, logical and relevant differential diagnoses, performing proper diagnostic assessment and developing therapeutic plans for specific patient complaints. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. Students will demonstrate acquisition of skills during supervised hospital visits and practical examinations. *Lecture, Credit: 1 semester hour.*

### **3209 Emergency Medicine**

*Prerequisite: All prerequisite courses and fall courses in the professional phase of the PA program.* This course is designed to instruct the PA student in the emergency department approach to medical care, including triage techniques, prioritization and consultation relevant to a variety of patient conditions. The student will incorporate knowledge of the epidemiology, etiology, pathophysiology, clinical manifestations, diagnostics and management of disease states to treat focused emergency problems. Emphasis will be placed on recognizing and treating conditions that are potentially life-threatening requiring urgent or emergent intervention inclusive of emergency techniques. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. *Lecture, Credit: 2 semester hours.*

### **3210 Geriatric and Pediatric Medicine**

*Prerequisite: All prerequisite courses and fall courses in the professional phase of the PA program.* This course is designed to introduce the PA student to the variable structures and functions of organ systems throughout the human lifespan, and medical and behavioral problems unique to pediatric and geriatric populations. Emphasis is placed on the behavioral and infectious conditions encountered in pediatric and geriatric clinical practice, and on patient, parental and caregiver education in regards to vaccinations, health care maintenance, safety and anticipatory guidance, long-term care facilities and home care. Specifically, it will provide an overview of the epidemiology, etiology, pathophysiology, clinical manifestations, diagnosis, treatment, complications and prognoses of selected pediatric and geriatric conditions. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. *Lecture, Credit: 2 semester hours.*

### **3211 General Surgery**

*Prerequisite: All prerequisite courses and fall courses in the professional phase of the PA program.* This course is designed to introduce students to the concepts of surgical diagnosis and treatment, building on the student's integrated foundation of clinical medicine, laboratory medicine, diagnostic imaging and pharmacological applications. The student will learn to recognize diseases that require surgical intervention, formulate surgical diagnoses and identify relevant surgical treatments. Emphasis will be placed on the role of the Physician Assistant in the pre-operative, operative and post-operative management of surgical patients. This course will incorporate interdisciplinary instruction utilizing faculty from varied areas of expertise and experience. The student will also become competent in performing various medical-surgical procedures. *Lecture, Credit: 2 semester hours.*

### **4201 Emergency Medicine**

*Prerequisites: All required didactic year*

*classes and successful completion of comprehensive examinations.* This course is a five-week rotation in a hospital or urgent care ambulatory setting. The student will be introduced to the triage system to learn and develop the skills necessary to perform the primary survey and stabilization of patients in the acute setting. The student will perform focused history and physical exams, generate differential diagnoses and develop therapeutic treatment plans for adult and pediatric patients with urgent or emergent conditions, as well as provide ambulatory or "fast-track" care. This includes diagnostic testing, medications and non-pharmacological treatment interventions. The student will also demonstrate and perform practical medical-surgical procedures including CPR and BCLS skills. The student will recognize the need for consultation and referral in provision of cost-effective urgent and emergent care, including acute and chronic disease management, health promotion, disease prevention and routine healthcare maintenance, with an emphasis on health literacy issues. *Rotation, 200 hours. Credit: 3 semester hours.*

### **4202 Clinical Obstetrics and Gynecology Rotation**

*Prerequisites: All required didactic year classes and successful completion of comprehensive examinations.* This course is a five-week rotation in a hospital inpatient or ambulatory setting, which may include outpatient, emergency room, or office-based clinical duties of gynecological or obstetrical patients. The student will perform comprehensive history and physical exams, generate differential diagnoses and develop therapeutic treatment plans for patients with gynecological and obstetrical conditions. This will include diagnostic testing, medications and non-pharmacological treatment interventions, including recognizing the need for consultation and referral. Experiential learning will include provision of cost-effective adult medical care, including acute and chronic disease management, health promotion, disease prevention and routine healthcare maintenance. The student will provide patient education with an emphasis on health literacy issues. The student may have the opportunity to participate in surgical gynecological or obstetrical procedures. *Rotation, 200 hours. Credit: 3 semester hours.*

### **4203 Clinical Orthopedic Rotation**

*Prerequisites: All required didactic year classes and successful completion of comprehensive examinations.* This course is a five-week rotation in a hospital, ambulatory or office-based orthopedic setting. The student will perform comprehensive history and physical exams, generate differential diagnoses and develop therapeutic treatment plans for acute and chronic problems in orthopedic patients across all age groups. This rotation may include surgical management including

pre-operative, intra-operative, and post-operative orthopedic care. Students will order diagnostic tests and medications and recommend non-pharmacological treatment interventions for the orthopedic patient. The student will demonstrate and perform practical splinting, casting, and surgical procedures and skills. The student will recognize the need for consultation and referral in provision of cost-effective orthopedic care, including acute and chronic disease management, health promotion and safety, disease prevention and routine healthcare maintenance. The student will provide patient education with an emphasis on cast/ immobilization techniques, safety and health literacy issues. *Rotation, 200 hours. Credit: 3 semester hours.*

### **4204 Clinical Pediatrics Rotation**

*Prerequisites: All required didactic year classes and successful completion of comprehensive examinations.* This course is a five-week rotation in a hospital or office-based pediatric setting. The student will perform comprehensive history and physical exams, generate differential diagnoses and develop therapeutic treatment plans for pediatric patients with acute and chronic pediatric problems and well child visits and school/camp exams. This will include diagnostic testing, medications and non-pharmacological treatment interventions. The student will recognize the need for consultation and referral in provision of cost-effective infant, pediatric, and adolescent medical care, including acute and chronic disease management, health promotion, disease prevention and routine healthcare maintenance. The student will provide patient education with an emphasis on growth and development and health literacy issues. *Rotation, 200 hours. Credit: 3 semester hours.*

### **4205 Clinical Primary Care 1 Rotation**

*Prerequisites: All required didactic year classes and successful completion of comprehensive examinations.* This course is a five-week rotation in an ambulatory or outpatient hospital or office-based primary care medical setting. The student will perform comprehensive history and physical exams, generate differential diagnoses and develop therapeutic treatment plans for patients with acute and chronic medical problems, including diagnostic tests, medications and non-pharmacological treatment interventions. The student will recognize the need for consultation and referral, transfer to an emergency or acute care setting in provision of cost-effective medical care, including acute and chronic disease management, health promotion, and patient education. The student will provide patient education, disease prevention and routine healthcare maintenance across all age groups with an emphasis on health literacy issues. *Rotation, 200 hours. Credit: 3 semester hours.*

### **4206 Elective Clinical Rotation**

*Prerequisites: All required didactic year classes*



and successful completion of comprehensive examinations. This course is a five-week rotation in a specialty of the student's choice that may take place in a hospital or office-based setting. Elective rotations include but are not limited to the following: cardiology, gastroenterology, infectious disease, psychiatry, pulmonology, heme-oncology, critical care, dermatology, occupational medicine, gay and lesbian health, and the physically and mentally challenged. The student will perform comprehensive or focused history and physical exams, generate differential diagnoses and develop treatment plans for patients with acute and chronic problems. This will include diagnostic tests, medications and non-pharmacological treatment interventions. The student will become familiar with the need and role of consultation and referral of patients, transfer to an emergency or acute care setting in the clinical setting through provision of cost-effective care, including acute and chronic disease management, health promotion, disease prevention and routine healthcare maintenance. The student will provide patient education with an emphasis on health literacy issues across all age groups as applicable to clinical site. *Rotation, 200 hours. Credit: 3 semester hours.*

#### **4207 Clinical Surgical Rotation**

*Prerequisites: All required didactic year classes and successful completion of comprehensive examinations.* This course is a five-week rotation in a hospital inpatient setting, which may include outpatient or office-based clinical duties. Student responsibilities include: performance of history and physical exams, formulation of differential diagnoses, therapeutic treatment plans across all age groups for patients with surgical problems, including pre-operative, intra-operative, and post-operative care. The clinical experience will also include ordering of diagnostic tests, medications and non-pharmacological treatment interventions and performance of diagnostic laboratory tests, and participation in surgical procedures (operating room). *Rotation, 200 hours/on call required. Credit: 3 semester hours.*

#### **4208 Clinical Geriatrics/Long Term Care Rotation**

*Prerequisites: All required didactic year classes and successful completion of comprehensive examinations.* This course is a five-week rotation in a hospital or office-based geriatric setting. The student will perform comprehensive and focused history and physical exams, generate differential diagnoses and develop therapeutic treatment plans for adult and geriatric patients with medical or surgical conditions. This includes diagnostic tests, medications and non-pharmacological treatment interventions, while under the supervision of the preceptor. The student will recognize the need for consultation and referral, in provision of cost-effective geriatric

care, including acute and chronic disease management, health promotion, health maintenance and disease prevention. The student will provide patient education with an emphasis on health literacy issues. *Rotation, 200 hours. Credit: 3 semester hours.*

#### **4209 Clinical Primary Care 2 Rotation**

*Prerequisites: All required didactic year classes and successful completion of comprehensive examinations.* This course is a five-week rotation that continues the educational and experiential learning of the Primary Care 1 course in an ambulatory or outpatient hospital or office-based primary care medical setting for an additional five-week rotation. The student will perform comprehensive history and physical exams, generate differential diagnoses and develop therapeutic treatment plans for patients with acute and chronic medical problems. This will include diagnostic tests, medications and non-pharmacological treatment interventions. The student will recognize the need for consultation and referral, transfer to an emergency or acute care setting in provision of cost-effective medical care, including acute and chronic disease management, health promotion, disease prevention and routine healthcare maintenance. The student will provide patient education, disease prevention and routine healthcare maintenance across all age groups with an emphasis on health literacy issues. *Rotation, 200 hours. Credit: 3 semester hours.*

#### **4210 Clinical Internal Medicine Rotation**

*Prerequisites: All required didactic year classes and successful completion of comprehensive examinations.* This course is a five-week rotation in a hospital or office-based internal medicine setting. The student will perform comprehensive history and physical exams, generate differential diagnoses and develop therapeutic treatment plans for patients with acute and chronic medical problems. The clinical experience will include diagnostic testing, medications and non-pharmacological treatment interventions including patient education with an emphasis on health literacy issues across all age groups. The student will learn to recognize the need for consultation and referral in provision of cost-effective adult medical care, including acute and chronic disease management, health promotion, disease prevention and routine healthcare maintenance. *Rotation, 200 hours. Credit: 3 semester hours.*

#### **4211 Senior Competencies Component**

*Prerequisites: All required didactic year classes and successful completion of comprehensive examinations.* This is a course is designed to supplement the clinical experience of the Physician Assistant student with appropriate learning sessions on callback days. While on clinical rotations, students will be performing comprehensive or focused history and physical examinations, generating differential diagnoses, ordering and interpreting

laboratory and imaging studies and developing treatment plans for patients with acute and chronic problems under the supervision of the preceptor. Emphasis is placed on cost-effective care, disease management and health promotion, disease prevention and routine healthcare maintenance. The student will gain and apply knowledge regarding epidemiology, risk factors, etiology, pathophysiology, clinical manifestations and the clinical assessment of medical and surgical diseases. Learning sessions on call back days are designed to augment student's knowledge and further develop and perfect their history taking, physical examination and procedural skills. *Lecture. Credit: 0.*

#### **4140 Transition to the Clinical Laboratory (CLS)**

This course will introduce the student to the standards, functions, and procedures of clinical laboratory practice. The course will include the history of medical technology at this university, a history of the profession, HIPAA and safety regulations, spectrophotometry, quality control (including standards, controls, etc), universal precautions, the professional code of ethics, phlebotomy and an introduction to hematology, microbiology, mycology, urinalysis, and immunohematology. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **4151 Clinical Bacteriology I (CLS)**

The various classes of antibiotics are introduced to the student. Different types of susceptibility testing using manual and automated methodologies are presented. Discussion of bacteria implicated in human infections is begun. Gram positive organisms such as *Staphylococcus*, *Streptococcus*, *Corynebacterium* and *Bacillus* are discussed both in diseases caused and identification methods used in the clinical microbiology laboratory. Discussion of Gram negative bacteria such as *Haemophilus* and *Neisseria* are also included. Discussion of the biochemical tests involved in the identification of the Enterobacteriaceae is begun. The application of these tests a means to identify these organisms is presented. The diseases caused by these organisms is also included and discussed. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **4152 Clinical Immunology I (CLS)**

This course is composed of the study of cellular and antigen-antibody reaction. Also covered are the types of immunity and factors associated with immunologic disease. Antibody synthesis and function are introduced. Functions of the various cellular components are also discussed including T and B lymphocytes and plasma cells. Discussion will also include a description of various other types of nonspecific mediators of the immune system. An overview of molecular diagnostics is presented (each course covers its own molecular diagnostics theory) and the latest laboratory testing methods are presented to the student. *Lecture, 1 hour.*

Credit: 1 semester hour..

#### **4153 Clinical Immunohematology I (CLS)**

This course will begin with a review of the immunology as applied to Immunohematology such as antigens, immunoglobulins and blood antibodies. Also discussed are ABO and Rh typing and antiglobulin testing. Other major blood group antigens (Kell, Lewis, etc.) and rare blood groups (Colton, Diego, etc.) are introduced. Other topics include compatibility testing, crossmatching and antibody identification. Laboratory methodologies used in Immunohematology are also covered. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **4154 Clinical Hematology I (CLS)**

This course is designed to present the students with the theory of blood and bone marrow formation and diseases related to these cells. The erythrocytic and leukocytic cell series are explored in relation to their development, maturation, function and identification. Through the use of audiovisuals and microscope work, identification of each cell type is discussed and abnormal cells reviewed as to composition and related diseases. The course covers iron metabolism, absorption, transport, and storage. The synthesis of hemoglobin for both normal and abnormal varieties as well as electrophoresis and other identifying methodologies are explained and the various instruments used in the study of hematology are taught. Students are exposed to all the various procedures the laboratories perform including the maintenance and troubleshooting of instrumentation. The mechanisms of hemostasis including blood vessels, platelets, and fibrinolysis are discussed. The structure of blood vessels and their relationship to hemostasis is covered. Platelet formation, maturation and function will be discussed as well as qualitative and quantitative disorders. The course will include factors involved in the coagulation cascade and include tests used in the laboratory to diagnose disorders of hemostasis. The students will perform these procedures in the hospital laboratory. *Lecture, 3 hours. Credit: 3 semester hour.*

#### **4155 Application, Analysis and Lab Practice in Clinical Chemistry I (CLS)**

The course is designed to introduce the students to clinical chemistry theory and laboratory practice. It is the study of serum and other body fluids by biochemical analysis using the latest instrumentation for the test procedures. The course discusses laboratory calculations, principles of photometry; nephelometry, chemiluminescence, fluorometry and "tagged assays", electrolytes, trace elements and mineral metabolism. Principles of EIA, instrumentation concepts and discussion commonly used analyzers in the clinical lab are also presented. Classification of enzymes in relation to body organs, clinical significance of the test used and factors affecting the testing will be covered. Structure and function of lipids

and lipoproteins, methods used to analyze these products will be examined. Cholesterol utilization and formation including HDL and LDL and triglycerides will be covered along with laboratory analysis. This course requires the students to perform all analysis on the instruments and analysis listed above. *Lecture, 4 hours. Credit: 4 semester hours.*

#### **4156 Urinalysis and Body Fluids I (CLS)**

This course will address the structure and function of the kidney in its role in the formulation of urine. Routine urinalysis tests will be discussed for each analyte found in the urine specimen utilizing both manual and automated testing procedures. Metabolic disorders requiring special tests will also be covered. Kodachrome slides and CD Rom will be used for the microscopic analysis of casts, cells, crystals and other miscellaneous particles seen in sediment. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **4157 Mycology and Parasitology I (CLS)**

The course will introduce the student to the classification of those parasites that infect man. Preparation and examination of specimens will be discussed. Lectures will cover important parasites including the hemoflagellates such as Leishmania and Trypanosoma, trematodes infecting the intestine, liver lung, and blood and cestodes. The student will also be introduced to the glossary of terms used in the examination of specimens for fungal agents. Specimen collection, media for the isolation of these agents, staining used for microscopic examination and special procedures will be discussed. Lectures will cover those fungal agents that affect man including dermatophytes, superficial mycoses and subcutaneous mycoses. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **4161 Clinical Bacteriology II (CLS)**

This course covers in depth the biochemical identification of other Gram negative organisms such as nonfermenting Gram negative rods and Vibrio. Anaerobic organism's role in disease as well as identification is also covered. Less frequently seen organisms such as the spirochetes and Chlamydia are also discussed. Mycobacteria and their differences in specimens processing, culturing, identification and staining are introduced. A brief review of clinical virology is also included. Discussion also includes application of molecular diagnostics to microbiology as well as immunodiagnostics that can be used to detect infectious diseases. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **4162 Clinical Immunology II (CLS)**

This course will cover infectious and non-infectious diseases and those laboratory tests used for their diagnosis. The discussion will include the characteristics and principle of the test, importance of quality control and reference ranges and the advantages and limitations of each procedure. Some of the diseases covered will include syphilis, hepatitis,

infectious mononucleosis, rheumatoid disorders, Lyme's disease and HIV. *Lecture, 1 hour. Credit: 1 semester hour .*

#### **4163 Clinical Immunohematology II (CLS)**

This course will cover red blood cell platelet preservation, metabolism, and current trends in their use. Donor selection, processing and component preparation will be introduced. Also discussed is the HLA system, hemolytic anemias and transfusion therapy and reactions. New concepts in molecular biology, safety, quality control and quality assurance will also be covered. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **4164 Clinical Hematology II (CLS)**

The course will present to the students the various diseases of erythrocytes and Leukocytes to include all anemias, leukemias, lymphomas and other red cell and white cell disorders. Correlation between instrument results, microscopic analysis and medical information will enable the student to recognize and assess these conditions. Specific laboratory tests utilized for diagnosis of anemias and leukemias will be taught and results evaluated. Molecular detection and monitoring of hematologic malignancies will be presented in its use as a diagnostic tool for genetic/chromosome disorders. Students will perform and evaluate manual and automated Cell Profiles and differentials in the laboratory and compare the results obtained from each as well as all other procedures for special testing that is required of them. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **4165 Application, Analysis and Lab Practice in Clinical Chemistry II (CLS)**

This course discusses the assessment of renal function, creatinine metabolism and renal control of acid-base balance and liver function tests for hepatitis, cirrhosis and other liver disorders, bilirubin metabolism and analytical aspects of liver enzymes and their relation to specific organs of the body. The chemistry and metabolism of proteins along with various testing methodologies are analyzed. Carbohydrate metabolic disorders; analysis and diagnosis are discussed. The testing and analysis of toxic and therapeutic drugs including investigation of toxic agents, antibiotics, cardiac medication, analgesics, antidepressants, heavy metals, drugs of abuse and related testing methodologies are presented. Clinical aspects of hormones and receptors are discussed along with the testing methods. Molecular diagnostics will be covered where applicable. *Lecture, 4 hours. Credit: 4 semester hours.*

#### **4166 Urinalysis and Body Fluids II (CLS)**

This course includes the study of the diseases of the kidney to include: Acute and Chronic Renal Failure, Nephrotic Syndrome, Glomerulonephritis, and Pyelonephritis etc. The various fluids of the body will be discussed such as Cerebral Spinal Fluid, Pleural, Peritoneal etc. All tests used to diagnose conditions related to these diseases will be

covered. *Lecture, 2 hours. Credit: 2 semester hours*

#### **4167 Mycology and Parasitology II (CLS)**

This course will continue the introduction of the student various parasites that infect man. Emphasis will be on protozoa including amoeba, flagellates, ciliates, and coccidia. Staining of clinical material and important characteristics for diagnosis will be discussed. Diagnosis of malaria and microfilariae found in the blood will also be examined. Intestinal and tissue nematodes will be included in this course. Continuation of important fungal agents will also be included. These include the systemic fungi, yeast and yeast-like organisms and the Actinomycetes. Lastly, contaminants will be discussed as possible causes of opportunistic infections and their identification in the laboratory. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **4168 Clinical Education, Management and Research (CLS)**

This course will introduce the student to educational methodologies used in clinical laboratory science program. Topics covered include in-service education, continuing education and laboratory interdepartmental rotation. Teaching mechanisms, objectives and testing methodologies will be discussed. Students are exposed to the management including various agencies accrediting the laboratory, financial management and reimbursement, staffing, job analysis and the role of human resources in laboratory management. The basics of research as applied to the clinical laboratory will also be discussed. Topics will include research protocols, adherence to the protocols, data collection methods and analyzing of results of data obtained. *Lecture, 1 hour. Credit: 1 semester hour.*

## **Pharmacy and Administrative Sciences (PAS)**

The following courses are PAS courses:

#### **2201 Introduction to Pharmacoeconomics**

*Prerequisites:* MTH 1250, MTH 1260, PAS 2301. This course is designed to provide the student with introductory concepts of pharmacoeconomics as it relates to patient care. *Lecture, 2 hours. Credit: 3 semester hours.*

#### **2301 Social Aspects of Pharmacy Practice**

*Prerequisites:* PHR 1101. Includes discussion of pharmacy as a profession, professionalization of the student, and the image of pharmacist held by patients and health care providers. *Lecture, 1 hour. Credit: 1 semester hour.*

#### **3301 Pharmacy and the U.S. Health Care Environment**

*Prerequisite:* PAS 2201. The U.S. health care delivery system and the social, political, and economic factors that influence the flow of pharmaceutical products and services within the system. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **3352 Communication Techniques in Pharmacy**

This course is designed to provide the student with opportunity of employing promotional techniques as a method of communication between the community pharmacy practitioner and the public. The aspects of pharmaceutical promotion, and copy writing will be discussed as well as the methods employed by the pharmaceutical manufacturer to familiarize medical and pharmaceutical practitioners with the knowledge of pharmaceutical products that are marketed. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **3353 Contemporary Legal Issues Affecting the Pharmaceutical Industry**

*Prerequisites:* PAS 2301. The purpose of this course is to introduce students to contemporary legal issues that affect pharmacy practice and their role as employees, potential employers and consumers in the health care industry. Students will learn about changes in employment law and business law and be introduced to risk management issues, privacy issues and alternative dispute resolution techniques. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **3354 Contemporary Issues in Hospital Pharmacy**

*Corequisites:* PAS 2301. Hospital pharmacy history, theory, techniques, and administrative procedures. It acquaints the student with the pharmacy as a hospital department and the pharmacist's role within the institution and the health care system. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **3355 Environment of Pharmaceutical Marketing**

*Prerequisites:* PAS 2201, 2301. This course is designed to provide the student with a thorough overview of marketing in the pharmaceutical industry. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **3356 Quality Issues in Managed Care Pharmacy**

*Prerequisite:* PAS 2301. *Corequisite:* PAS 3301. This course is designed to provide the student with an overview of the issues related to the medication use process within the managed care setting. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **3357 Computer and Pharmacy Data Management**

*Prerequisites:* CPP1101 and PHR 1101. This course is designed to introduce students to up-to-date computer terminology, hardware and application programs for pharmacy information systems. The major focuses are on the understanding of technical aspects of pharmacy computer system and the development of pharmacy database management skills. Didactic components are offered in the instructional computer classroom. Hands-on experience with database software packages such as Microsoft ACCESS®

is provided through student use of open computer labs. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **3401 Personnel Management Issues in Health Care Institutions**

The objective of this course is to develop skills in the Allied Health student to handle interpersonal issues confronted among and between professionals and the patients they serve in health care institutions. Because of the interdependent nature of leadership and management across a spectrum of management process in health care institutions, this course incorporates application with theory and emphasizes critical thinking, problem solving, and decision making. Case studies and learning exercises will promote critical thinking and interactive discussion. Students will enhance their problem-solving skills by connecting real-life experiences to the content of the course. Content in key areas relevant to health care institutions, such as supervision, staffing, transformational leadership, motivation, delegation, organizational, political, and personal power, and time management will be strengthened. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **3402 U.S. Health Care Delivery**

This course is designed so the radiologic scientist will understand the various methods of health care delivery to remain knowledgeable in the changing face of technology. The political context of health care organization and delivery, with specific focus on the mechanisms for policy formulation and implementation will be discussed. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **3951 Research Administrative Science I**

An elective course designed to familiarize the student with basics associated with the design, implementation, and data analysis essential to conducting research in Industrial Pharmacy, Cosmetic Science, and the administrative areas of pharmacy practice. The student is required to conduct an actual research project under the guidance of the faculty member in an area of mutual interest to both student and faculty member. *Credit: 3 semester hours.*

#### **3952 Research in Administrative Sciences II**

An elective designed to familiarize the student with basics associated with the design, implementation, and data analysis essential to conducting research in industrial pharmacy, cosmetic sciences, and the administrative areas of pharmacy practice. The student is required to conduct an actual research project under the guidance of the faculty member in an area of mutual interest to both student and faculty member. *Credit: 3 semester hours.*

#### **4201 Health Care Law for Practitioners**

This course is designed to introduce students to the legal issues that have an impact on the delivery of care in the American health care system and influence the ability of health

care professionals to competently practice their professions. It will also survey current federal and New York State regulatory schemes governing the provision of health care. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **4202 Health Care Finance**

This course provides the student with a broad overview of the health care organizations financial challenges. Students will learn the financial challenges of health care organizations including: enhancing revenues, managing costs, accessing capital at reasonable rates, and ensuring the integrity of financial reporting. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **4305 Pharmacy Law**

*Prerequisites:* PHI 1110, PHI 2300, PHI 2240. Provides students with an understanding of the legal basis of pharmaceutical care. Specific attention is given to rules of professional conduct as defined by the New York State Board of Pharmacy. *Lecture, 2 hours. Credit: 2 semester hours.*

#### **5202 Pharmacy Management and Advanced Pharmacoeconomics**

*Prerequisites:* PAS 2201, PAS 3301, PAS 4305. This course provides the student with a broad information base essential to successful pharmacy management and efficient resource allocation in various professional practice settings. *Lecture, 4 hours. Credit: 4 semester hours.*

#### **6201 Self-Care Pharmaceuticals**

*Prerequisites:* PHR 4105. This course is designed to focus on the therapeutic aspects of self-care pharmaceuticals. The course will center on the pharmacist's role in making professional decisions concerning these medications and in providing advice to patients in selecting drugs for self-medication. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **6202 Experimental Designs in Clinical Trials**

*Prerequisites:* PHR 4102, PHR 5108, PHR 5110, PHR 5111. Clinical trial has a prominent role in the research and approval of new drugs. To conduct clinical trials, future pharmacists need an understanding of the various experimental designs used in research studies. This course will introduce the student to the terminology used to classify the design of a research study and to explore in detail observational research as represented by the case report, case-control study, and cohort study. It will describe the study design characteristics that distinguish experimental research, as in clinical trial, from other types of drug research. Methods for enhancing validity through the use of appropriate controls, randomization, and blinding will be discussed. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **6203 Communication Skills for the Pharmacist**

*Prerequisites:* All required fifth-year courses. This course exposes the student to interpersonal communication as it applies to pharmacy practice from a patient-focused

approach. It highlights the importance of the pharmacist's responsibility in communicating with patients and other healthcare providers. Specific attention is devoted to strategies that improve the pharmacist's decision-making and communication skills. The intertwining of the didactic and actual pharmacist interactions will prepare the student for the real-world environment. The knowledge and skills gleaned from this course will assist the student with the planning and execution of communication activities routinely encountered by the practicing pharmacist. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **6205 Personnel Management in Pharmacy Practice**

*Prerequisites:* PAS 5202 and all fifth-year courses. As pharmacy students move from school to practice, they may find they are supervising technicians and their peers. This course will help them prepare for their supervisory role by addressing the pharmacy supervisor's foremost concern: planning, controlling, directing and staffing—the four key components of supervision. With case studies and examples, ways to motivate employees, how to bring about change, workplace rules and expectations, reward, discipline, complaints and grievances, this course will enable students to be better enhancers of the environment for optimal patient care. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **6206 Fundamentals of Regulatory Affairs**

*Prerequisites:* All fifth-year courses. This course will provide students with a fundamental understanding of the general principles of regulatory affairs in the pharmaceutical and biotechnology industry. It will introduce the basic concepts of drug discovery and the drug approval process, foundations of GXP, ethical considerations of scientific inquiry and the regulatory scheme involved. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **6208 Health Care Data Analysis and Interpretation**

*Prerequisites:* CPP 4402 and all required fifth-year courses. The course is designed for those students who seek to enhance their skills in clinical and health care services research and to extend their knowledge in drug literature assessment. The purpose of this course is to provide an adequate working knowledge of SAS and to offer a fundamental base of technical skills for statistical data evaluations. SAS is the most accepted statistical tool in health care research field and has been accepted as an FDA standard for accepting and archiving data sets. The student will learn the strategy and skills in how to prepare, organize, analyze data and interpret the results. Hands-on experience with real data from a wide variety of applications will be offered to enable students to master the skills needed for effective data management, data analysis and report presentation. Other statistical packages

such as SPSS and BMDP will also be discussed. *Lecture, 3 hours. Credit: 3 semester hours.*

#### **6213 Operations of Managed Care Pharmacy**

*Prerequisites:* All fifth-year courses. This course is designed to provide the student with an overview of key operating issues related to the management of prescription utilization within the managed care setting. The course emphasizes the design and provision of pharmacy benefits management services and assesses its impact on inputs, outputs, processes and participants to optimize patient care and outcomes. The major goal of the course is to familiarize students with current pharmacy benefit strategies used to provide safe, efficacious and cost-effective pharmaceutical care in extensive managed care demographic populations. *Lecture, 3 hours. Credit: 3 semester hours.*

## **Allied Health Courses Radiologic (RAD)**

**The following courses are RAD courses:**

#### **1101 Introduction to Radiologic Science**

An introduction to the field of radiology technology explains the guidelines of the program, developments of the field, organizational structure of the radiology Department and an introduction to the standards for radiographers promoting professional conduct. This course also includes basic radiation protection, the value of patient rights and the role of the radiographer. Introductory law, the elements of malpractice and cause for actions, employment issues, contracts, litigation and the radiographers responsibility to deliver healthcare that is free from bias will also be discussed. *Lecture, 2 credits.*

#### **1103 Radiologic Sciences Patient Care and Pharmacology**

This course provides students with the basic concepts of patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency patient care procedures are described as well as infection control procedures utilizing universal precautions. The role of the radiographer in patient education and radiation protection are identified. This course also includes a systematic study of radiographic contrast agents as they are used in specific organ systems of the body. Basic concepts of pharmacology will be discussed. The theory and basic practice of basic techniques and venipuncture for the administration of diagnostic contrast agents and/or intravenous medications are included. *Lecture, 2 credits.*

#### **1104 Medical Terminology**

A good working vocabulary is required of any medical professional. This course is designed to introduce medical terminology

to the radiography student. The course will begin with a brief introduction to medical terminology, root words, suffixes, and prefixes. From there, the student will build a vocabulary involving specialists in medicine. After that, the student can develop a word bank for each system of the body. These include the Integumentary, Skeletal, Muscular, Circulatory, Respiratory, Digestive, Endocrine, Immune, Urinary, Reproductive, Nervous, and the Sensory Systems. *Lecture, 2 credits...*

#### **1106 Radiographic Anatomy and Procedures I**

This course provides students with the skills necessary to perform radiographic examinations. Areas studied include body positions, positioning terms, positioning aids, contrast media and their applications to positioning methods of producing quality radiographs are discussed. A very brief introduction to the requirements of radiography will be discussed. After which, general anatomy and terminology will be discussed. Anatomy and positioning of the thoracic viscera will be discussed. Abdominal radiography will be discussed. Skeletal topics include positioning of the hand, wrist, forearm, elbow, and humerus. *Lecture, 4 credits.*

#### **1107 Radiographic Anatomy and Procedures II**

*Prerequisite:* RAD 1106; This course provides students with the skills necessary to perform radiographic examinations. Areas studied include body positions, positioning terms, positioning aids, contrast media and their applications to positioning methods of producing quality radiographs are discussed. Skeletal topics include shoulder, clavicle, scapula, foot, ankle, tibia and fibula, knee, femur, pelvis, hip, cervical spine, thoracic spine, lumbar spine, sacrum and coccyx, and the bony thorax. *Lecture, 4 credits.*

#### **1110 Radiographic Human Structure and Function I**

This course will acquaint the student on the structure and function of the human body. Organs and systems will be described and discussed. Organs will be discussed as components of their respective systems. Emphasis to physiology and clinical application will give the students a better understanding of anatomical concepts. *Lecture, 3 credits.*

#### **1111 Radiographic Human Structure and Function II**

*Prerequisite:* RAD 1110; This course will acquaint the student on the structure and function of the human body. Organs and systems will be described and discussed. Organs will be discussed as components of their respective systems. Emphasis to physiology and clinical application will give the students a better understanding of anatomical concepts. *Lecture, 3 credits.*

#### **1114 Radiation Physics and Imaging Equipment I**

These courses provide the student with the knowledge of fundamental principles of mathematics essential for mastering radiographic physics, basic physics, mechanics, structure of matter, basic electricity, magnetism, electromagnetism, electrical physics, radiation physics, and basic x-ray circuitry. Production of ionizing radiation, interaction between x-rays and matter, aspects of the emission spectrum and radiation units of measurements are discussed. Radiographic equipment including the x-ray tube, fluoroscopy, and the imaging system as a whole will be discussed. *Lecture, 3 credits.*

#### **1115 Radiation Physics and Imaging Equipment II**

*Prerequisite:* RAD 1114; These courses provide the student with the knowledge of basic electricity, magnetism, electromagnetism, electrical physics, radiation physics, and basic x-ray circuitry. Production of ionizing radiation, interaction between x-rays and matter, aspects of the emission spectrum and radiation units of measurements are discussed. Radiographic equipment including the x-ray tube, fluoroscopy, and the imaging system as a whole will be discussed. *Lecture, 3 credits.*

#### **1131 Introduction to Mammography**

The student will examine the history of mammography, breast anatomy and physiology, patient positioning and compression, clinical image evaluation, darkroom processing and cleanliness, QA, QC, MQSA Standards. *Lecture, 1 credit.*

#### **2105 Advanced Radiation Protection and Radiation Biology**

*Prerequisites:* RAD 1101, RAD 1110, RAD 1114, RAD 1115. An advanced level course designed to address the need for radiation protection, biological effects of ionizing radiation. Patient protection, personal radiation monitoring, and radiation measuring instrumentation, as well as applicable state and federal laws are discussed. The interaction of radiation on biologic systems, and their correlation with concepts studied in Physics, Biology and Physiology. Acute and chronic effects of radiation are discussed. *Lecture, 3 credits.*

#### **2108 Radiographic Anatomy and Procedures III**

*Prerequisites:* RAD 1106, 1107; This course provides students with the skills necessary to perform radiographic examinations. Areas studied include body positions, positioning terms, positioning aids, contrast media and their applications to positioning methods of producing quality radiographs are discussed. Skeletal topics include positioning of the soft tissue neck, skull, sinus, orbits, facial bones, and mandible. Fluoroscopic procedures include Esophagram, Upper GI Series, Barium Enema, and Intravenous Pyelogram. *Lecture, 4 credits.*

#### **2109 Radiographic Anatomy and Procedures IV**

*Prerequisites:* RAD 1106, 1107, 2108; This course provides students with the skills necessary to perform radiographic examinations. Areas studied include body positions, positioning terms, positioning aids, contrast media and their applications to positioning methods of producing quality radiographs are discussed. Skeletal topics include positioning of the soft tissue neck, skull, sinus, orbits, facial bones, and mandible. Fluoroscopic procedures include Esophagram, Upper GI Series, Barium Enema, and Intravenous Pyelogram. *Lecture, 4 credits.*

#### **2117 Medical Imaging Principles of Radiographic Exposure**

*Prerequisites:* RAD 1114, RAD 1115, RAD 1125, RAD 1126, RAD 1129. This course provides students with the various film processing systems available in radiography. A comprehensive analysis of density, contrast, detail and distortion. How it governs and influences the production of a radiographic image. The direct effect of these factors on radiographic quality and patient dose. *Lecture, 4 credits.*

#### **2123 Pathophysiology with Film Review**

*Prerequisites:* RAD 1106, RAD 1107, RAD 2108, RAD 1110, RAD 1111. Content is designed to introduce theories of disease causation and the pathophysiologic disorders that compromise healthy systems. Etiology, pathophysiologic responses, clinical manifestations, radiographic appearance and management of alterations in body systems will be presented. *Lecture, 3 credits.*

#### **2124 Introduction to Quality Assurance**

*Prerequisites:* RAD 1114, RAD 1115, RAD 1106, RAD 1107. Content will include discussion of the integration of federal and state standards, role / responsibility, monitoring maintenance, program evaluation, and establishing and maintaining a quality. The student will be able to identify the importance of quality control in today's Radiology Department, and analyze how to enhance the imaging quality considering all the variables, and to discuss how effectively, the image quality can be tested and how to correct the problems. *Lecture, 1 credit.*

#### **2132 Registry Review**

*Prerequisites:* all courses in 3 prior semesters. This course will be an overall review of the material presented throughout the entire course of study, in preparation for the State Licensing exam and National Accreditation Examination. *Lecture, 3 credits.*



## 2133 Computers in Radiologic Technology/ Digital Imaging

**Prerequisites:** RAD 1106, 1107, 2108, 2117, 2124; Content includes an overview of the basic principles of computer science allowing students to understand specific applications in radiography. The utilization of computers in healthcare settings and the specific uses in the departments of radiology and imaging are discussed in terms of technical concepts and clinical applications. *Lecture, 3 credits.*

## 1125, 1126, 1129, 2127, 2128, 2130 Clinical Education

**Prerequisites:** RAD 1101, BLS; A well designed and developed competency based education at supervised clinical education sites. This provides the students with an active roll in developing the skills required to deliver high quality imaging services. Objective competency evaluations are used for consistent methods of measuring student outcomes for each ARRT mandated part. Students will begin their clinical experience observing the technologist, and as they progress, and students have been tested didactically, they will work with direct supervision until competency has been achieved. After competency has been achieved the student may work under indirect supervision. *1575 hours total.*

## Elective Courses

Professional elective courses are made available by several departments of the College of Pharmacy and Allied Health Professions.

Non-professional electives may be selected from the courses offered by other departments of the University, with the approval of the appropriate Dean.

Those contemplating medical, dental, law or graduate study after graduation are advised to consult the appropriate school bulletin, since specific courses may be required for admission. Elective credits may be utilized to satisfy these requirements.

Courses selected as electives must be approved in advance by the Dean of the College of Pharmacy and Allied Health Professions.

## Department of Clinical Pharmacy Practice

**Ebtesam Ahmed**, *Assistant Clinical Professor*; Pharm.D., St. John's University

**Emily M. Ambizas**, *Associate Clinical Professor*, B.S. Phm., Pharm.D., St. John's University

**Vibhuti Arya**, *Assistant Clinical Professor*, Pharm.D., St. John's University

**Laura M. Gianni Augusto**, *Assistant Dean and Associate Clinical Professor*, B.S. Phm., Pharm.D., St. John's University

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**Tina Kanmaz**, *Associate Clinical Professor*, B.A., Hofstra University, B.S. Phm., Pharm.D., St. John's University

**Sum Lam**, *Associate Clinical Professor*, B.S. Phm., Pharm.D., University of Connecticut

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**Nissa Mazzola**, *Assistant Clinical Professor*, Pharm.D., St. John's University

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## Department of Pharmacy Administration and Allied Health Sciences

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**Rashmi Nair**, *Assistant Professor*, M.S., M.B.A., Ph.D., University of Louisiana at Monroe

**Rajesh Nayak**, *Associate Professor*, B.S. Phm., M.S. Phm., Mangalore University; Ph.D., University of Florida

**Somnath Pal**, *Professor*, B.S. Phm., M.S., Jadavpur University; M.B.A., Calcutta University; Ph.D., University of Iowa

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**Frank J. Sena**, *Adjunct Associate Professor*, B.S., Manhattan College; M.S., Ph.D., Fordham University

**Stacey Singer-Leshinsky**, *Industry Professional Instructor*, B.S., Brooklyn College

**Kenneth Wu**, *Associate Professor*, B.S., Taipei Medical College; M.B.A., Ph.D., University of Minnesota

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**Ann Paula Zero**, *Industry Professional Assistant Professor*, B.S., M.S., St. John's University

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**Kenneth Balbi**, *Adjunct Assistant Professor*, B.S., Albany University; M.D., Universidad Central del Este, San Pedro de Macoris, Dominican Republic

**Frank Barile**, *Professor*, B.S. Phm., M.S., St. John's University; Ph.D., New York Medical College

**Michael Barletta**, *Professor*, B.S. Phm., M.S., St. John's University; Ph.D., New York Medical College

**Andrew J. Bartilucci**, *Dean Emeritus and Executive Vice President Emeritus*, B.S., Phm., St. John's University; M.S., Rutgers University; Ph.D., University of Maryland

**Nesrine Baturay**, *Associate Professor*, B.A., Douglass College; M.S., Seton Hall University; Ph.D., New York University

**Blase C. Billack**, *Associate Professor*, B.S., University of Richmond; Ph.D., Rutgers University

**Jerome Cantor**, *Associate Professor*, B.A., Columbia University; M.D., University of Pennsylvania

**Joanne M. Carroll**, *Associate Professor*, B.S., Molloy College; M.A., CUNY, Hunter College; Ph.D., CUNY

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**Kurt Degenhardt**, *Assistant Professor*, B.S., Kutztown University; Ph.D., SUNY Stony Brook University

**Henry Eisen**, *Professor Emeritus*, B.S. Phm., St. John's University; M.S., Rutgers University; Ph.D., University of Connecticut

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**Vijaya L. Korlipara**, *Professor*, B.S. Phm., Banaras Hindu University; Ph.D., University of Minnesota

**Chul-Hoon-Kwon**, *Professor*, B.S. Phm., Howard University; Ph.D., University of Minnesota

**Cesar A. Lau-Cam**, *Professor*, B.S. Phm., University of San Marcos, Peru; M.S., Ph.D., University of Rhode Island

**Senshang Lin**, *Professor*, B.S. Phm., Taipei Medical College; Ph.D., Temple University

**Woon-Kai Low**, *Assistant Professor*, B.S., University of Waterloo; Ph.D., University of Toronto

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**Lin Mantell**, *Associate Professor*, M.D., Beijing University; Ph.D., Stony Brook University

**Raymond S. Ochs**, *Professor*, B.S., Purdue University; Ph.D., Indiana University

**Sandra E. Reznik**, *Associate Professor*, A.B. Harvard University; M.D., Ph.D., Mount Sinai School of Medicine

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**Abu Serajuddin**, *Professor*, B.S. Phm., Dhakra University, Bangladesh; M.S., Columbia University; Ph.D., St. John's University

**Jun Shao**, *Associate Professor*, B.S. Phm., Zhejiang University, M.S., China Pharmaceutical University, Ph.D., West Virginia University

**Emilio Squillante**, *Associate Professor*, B.S. Phm., M.S., Ph.D., University of Rhode Island

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**Tanaji Talele**, *Associate Professor*, B.S., University of Pune, India; M.S., Ph.D., Mumbai University, India

**Louis Trombetta**, *Professor*, B.S., M.S., Ph.D., Fordham University

**John N.D. Worpel**, *Associate Professor*, B. S., Belmont Abbey College; M.S., Fairleigh Dickinson University; Ph.D., Pennsylvania State University

**Byron C. Yoburn**, *Professor*, B.A., Boston University; M.A., Hollins College; Ph.D., Northeastern University

**S. William Zito**, *Professor*, B.S. Phm., St. John's University; Ph.D., University of Connecticut

# College of Professional Studies

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**James O'Keefe**, *Associate Dean*, B.S., M.A.,  
Ph.D.

**Andrew A. Bhola**, *Associate Dean/Director of  
Advising*, B.S., M.B.A.

**Gail M. Chiarovano**, *Senior Assistant Dean*,  
B.A., M.A.

**Robert Barone**, *Assistant Dean/Director of  
Strategic Planning*, B.S., M.S., M.B.A., P.D.

**Harold T. Broderick**, *Assistant Dean/Director  
of Operations*, (Staten Island), B.A., M.P.A., J.D.

**Rev. Michael J. Cummins**, C.M., *Assistant  
Dean, Director of Internal Research and  
Enrollment Management*, C.M., M.Div., Th.M.

**Mary Ellen Guthenberg**, *Assistant Dean of  
Graduate Studies*, B.A., M.A., M.B.A.

**Antonio Lodato**, *Assistant Dean/Director of  
Evening and Distance Learning Programs*

**Diana Morgan**, *Assistant Dean/Director of  
Senior Related Services*, B.S., M.B.A., P.D.

**Randolph D.J. Ortiz**, *Assistant Dean/Director  
of Advantage Academy*, B.A., M.A.L.S.

**Providence Palastro**, *Assistant Dean, Director  
of Advisement*, (Staten Island), B.S., M.P.S.

**Ann Marie Ruzicka**, *Assistant Dean*, B.S.,  
M.B.A.

**Monica Spiro-Farrell**, *Assistant Dean*, B.S.,  
M.B.A., P.D.

**April M. Merenda**, *Assistant to the Dean/  
External Affairs*, B.S.

## Programs of Study

The College of Professional Studies, the largest college of the University, fulfills the mission and goals of St. John's by offering specialized professional programs on both campuses, as well as distance learning programs. Students may choose either a four-year [baccalaureate] degree, a two-year [associate] degree, or a concentrated certificate course of study. The College also offers an associate degree in liberal arts, a baccalaureate degree in liberal studies and combined undergraduate/graduate programs.

## Objectives

The mission of the College of Professional Studies is to offer students an education that prepares individuals to make significant contributions to society, to the local community and to their chosen professions. The mission is accomplished by providing an education which is value-oriented and consistent with the historical relationship of St. John's University to the Catholic community. An enriched intellectual and academic environment is provided where the value and dignity of the human person is understood and respected.

The specific objectives of the College of Professional Studies include:

- To provide a variety of degree programs, including associate and baccalaureate degrees and certificate programs. With these options, students can enter programs appropriate to their personal and professional goals and abilities and have available to them wide choices that allow both flexibility and advancement in their education.
- To promote excellence in education through a faculty especially committed to a high quality of teaching, to the development of innovative programs, and to research and professional activities which enhance their contribution in the classroom.
- To provide effective support services to enhance the achievement levels of students in degree programs so that they can be successful in their career goals and in their further education.
- To emphasize academic advisement aimed at helping students to select programs of study in line with their personal and professional goals and abilities.
- To provide students with numerous internship opportunities and with the possibility of significant contacts with professionals in the various fields.
- To make it possible for students to enter University life and to have access to all the University's facilities as well as an education provided by a high-caliber faculty.
- To provide all these programs and services within the context of an environment that is especially supportive of a wide diversity of students.

## Student Support

College of Professional Studies students receive an extensive array of support services. The faculty emphasize the pursuit of teaching excellence and are available to meet with students in order to further class discussions, provide individual instruction and create a caring student-faculty relationship.

Faculty and Deans advise all students in the planning of their academic programs, paying special attention to student needs and career development. Tutoring is also available.

Numerous internships with prestigious firms and institutions in the metropolitan area provide the professional field experience which supplements classroom instruction and can lead to future employment. Co-curricular and extra-curricular clubs provide not only a social environment, but one that is closely linked to the academic, making learning a lively, involving activity. For example, The Mock Trial Team has won national acclaim in recent competitions.

Professional societies, career nights and extensive alumni networking all bridge the gap between college life and future careers. As an integral part of the College of Professional Studies, the instructional Television and Radio Center, computer editing and video labs and WSJU, the University radio station, all provide a professional environment for students to hone their skills and enhance their college degree.

## Degrees, Majors and Minors Available

Q—Courses offered at Queens campus  
SI—Courses offered at Staten Island campus  
DL—Programs available through Distance Learning (online courses)  
Courses offered (day, evening and weekend unless otherwise specified)

### Bachelor of Science

#### Majors Available:

Administrative Studies (Q, SI, DL)  
Advertising Communication, Account Management Track, Media Planning and Buying  
Advertising Communication, Creative Track (Q)  
Computer Science (Day and Evening) (Q)  
Computer Science, (Business Option) (Day and Evening) (Q)  
Computer Science (Computer Security Systems Option) (Day and Evening) (Q)  
Computer Science (Networking and Telecommunications Option) (Day) (Q)  
Computer Science (Web Services Concentration) (Day) (Q)  
Computer Security Systems (Day and Evening) (Q)

Computer Security Systems (Business Option)  
(Day and Evening) (Q)  
Computer Security Systems (Cyber Forensics  
Option) (Day and Evening) (Q)  
Criminal Justice (Q, SI, DL)  
Criminal Justice (Forensic Psychology Option)  
(Q)  
Funeral Service Administration (Q, SI)\*  
Health Services Administration (Q)  
Homeland and Corporate Security (Q)  
Hospitality Management (Q, SI)  
Human Services (Day session only) (Q)  
Information Technology, (Day and Evening) (Q)  
Journalism, Print Concentration  
(Day session only) (Q, SI)  
Journalism, Broadcast Concentration  
(Day session only) (Q, SI)  
Legal Studies (Day and Evening) (Q, SI)  
Mass Communications (Q)  
Networking and Telecommunications (Day) (Q)  
Networking and Telecommunications (Business  
Option) (Day) (Q)  
Public Relations (Day) (Q)  
Sport Management (Q, SI)  
Television and Film Studies (Day and Evening)  
(Q, SI)

#### Minors Available:

(Students may also choose minor areas offered  
through other undergraduate units.)

Advertising (Q, SI)  
Business (Q, SI)  
Business Law (Q, SI)  
Computer Science (Q)  
Computer Security Systems (Q)  
Correctional Counseling (Q)  
Court Administration (Q, SI)  
Criminal Justice (Q, SI)  
Criminalistics (Q)  
Cyber Forensics (Q)  
Event Management (Q, SI)  
Food Service Management (Q, SI)  
Forensic Psychology (Q, SI)  
Forensics (Q, SI)  
Film Studies (Q, SI)  
Health Service, Administration (Q)  
Hotel Management (Q, SI)  
Human Service Administration (Q)  
International Communications (Q)  
International Criminal Justice (Q)  
International Studies (Q, SI)  
Information Technology (Q)  
Journalism (Q, SI) (Day session only)  
Legal Studies (Q, SI)  
Lodging Management (Q, SI)  
Mass Communications (Q, SI)  
Mathematics (CUS, CSS, TEL majors)  
(Day session only) (Q)  
Media Graphics (Q, SI)  
Media Management and Finance (Q, SI)  
Medical Office Systems (Q)  
Multicultural and Ethnic Studies (Q, SI)  
Networking and Telecommunications (Q)  
Public Relations (Q, SI)  
Restaurant Management (Q, SI)  
Safety and Corporate Security (Q, SI)  
Sport Management (Q, SI)  
Television Studies (Q, SI)  
Tourism Management (Q, SI)

Women's Studies (Q, SI)

*\*Some of the minors may require completion of  
additional credits beyond the minimum necessary for  
the degree. For additional information, please check  
the respective degree listing for total elective credits  
and the minor area listings.*

### Bachelor of Arts

(Q, SI)

#### Majors Available:

Liberal Studies (Q, DL)

### Associate in Arts

Liberal Arts (Q, SI), DL)

### Associate in Science

Business (Q, SI, DL)  
Computer Science (Day and Evening) (Q)  
Computer Security Systems (Day and Evening) (Q)  
Criminal Justice (Q, SI, DL)  
Information Technology (Day and Evening) (Q)  
Legal Studies (Q, SI)  
Networking and Telecommunications (Day and  
Evening) (Q, SI)  
Television and Film Studies (Q, SI)

## Certificate Programs

Certificate programs are offered to meet  
the needs of mature students who are  
interested in advancing their knowledge and  
enhancing their abilities in new areas to meet  
their professional goals and interests. Such  
programs are for three groups of individuals,  
namely: holders of bachelor's degrees who are  
interested in developing competencies in an  
additional or complementary field of learning;  
individuals with no prior collegiate experience  
who wish to explore a particular field of  
study and who are unable to pursue a degree  
program at the present time; individuals who  
are presently enrolled in a degree program in  
an unrelated field who wish to broaden their  
educational experiences but who do not desire  
to pursue an additional major field of study.  
Students must complete certificate program  
courses with a minimum cumulative index of  
2.0. The following programs are available:

**Business Administration**—requires the  
successful completion of 21 credits including  
ACC 1007, 1013; BLW 1001; ECO 1001,  
1002; MGT 1000 and three credits chosen  
from BLW 1005; CUS 1102; MGT 1001, 1003  
and MKT 1001. Individuals who do not intend  
to pursue an undergraduate degree in business  
may substitute an additional business elective  
from those courses listed above. (Q, SI)

**Computer Science**—requires the successful  
completion of 18 credits including CUS 1113;  
1114; 1124, (1144, or 1155); six additional  
credits from CUS 1145 or higher. (Q)

**Computer Security Systems**—requires  
the successful completion of 18 credits  
including CUS 1113, 1114, NET 1001, CSS  
1005, 1011, 1012. (Q)

**Criminal Justice**—requires the successful  
completion of CRJ 2000, 2001 and 12 credits  
chosen from CRJ 2002, 2004, 3000, 3003,  
3100, 3101, 3105, 3106, 3107, 3116, 4000.  
(Q, SI)

**Cyber Forensics**—requires the successful  
completion of 18 credits including CFR 1001,  
1002, 1005, CRJ 2006, 3117, 3118.

**Health Services Administration**—requires  
the successful completion of the following 18  
credits including HSA 1100, 1101, 1002, 1005,  
1011, 1012. Substitutions may be made where  
appropriate to student's objectives. (Q)

**Homeland and Corporate Security**—  
requires the successful completion of 18 credits  
including HSC 1001, 1003, 1004, 1007 and  
6 additional credits chosen from HSC 1002,  
1006, 1009, 1010, 1012, 1013, 1014, 1015,  
1017, CRJ 3101, 3107, 3108, 3112, 3116, CSS  
1001, CUS 1106. (Q, SI)

**Information Technology**—requires the  
successful completion of 18 credits including  
CUS 1103, 1104, 1113, 1114, NET 1001,  
and three credits from chosen from CUS  
1124, 1147, 1165, 1172. (Q)

**International Criminal Justice**—requires the  
successful completion of 18 credits including  
12 credits required from CRJ 2000, 3108,  
4106, 5005; six credits from the following  
courses: CRJ 2001, 3106, 3107, 5202. (Q, SI)

**Legal Studies**—requires the successful  
completion of 21 credits including LES 1100,  
1101, 1102, 1015; CUS 1107; CRJ 3112 and  
any three credits from the Legal Speciality  
courses. Students must have successfully  
completed 60 undergraduate credits to be  
accepted to the LES Certificate Program.  
Approved by the American Bar Association.  
(Q, SI)

**Networking and Telecommunications**—  
requires the successful completion of 18 credits  
including CUS 1113, 1114, CSS 1005, NET 1001,  
1011, 1015. (Q)

**Sport Management**—(open only to  
individuals who have completed a bachelor's  
degree in an unrelated area) requires the  
successful completion of 36 credits including a  
minimum 18 credits chosen from SPM 1001,  
1003, 1004, 1009, 1010, 1012, 1014, 1018,  
1022, 1032 and completion of an 18-credit  
internship program. (Q)



## Admissions

Prospective students seeking admission to a certificate program must meet the regular entrance requirements for the College of Professional Studies. Admission of new students is dependent upon all past educational experiences and other significant activities. For admission to the certificate program in Legal Studies, applicants must have completed a minimum of 60 college credits. For admissions to the certificate in Sport Management, individuals must have completed a bachelor's degree in an unrelated field.

Students who are currently matriculated for a degree must be in good academic standing to qualify for admission into a certificate program.

Matriculated students may not pursue a certificate program in their major field of study. For further information, please contact the College of Professional Studies Office.

## Transfer Credit

A maximum of six credits attained prior to enrollment in a certificate program may be used in fulfillment of the requirements for the certificate. All courses completed in a certificate program may be used toward the partial fulfillment of requirements for a bachelor's or associate's degree, where applicable.

## Awarding of Certificates

Following the same schedule of degree conferrals, certificates are awarded in September, January and May to candidates who have successfully completed all course requirements with a minimum grade point index of 2.0.

## Combined Degree Programs

### B.S./M.A. in Communications/ Government and Politics

### B.S./M.A. in Communications/ Sociology

### B.S./M.A. in Criminal Justice/ Government and Politics

### B.S./M.A. in Criminal Justice/ Sociology

### B.S./M.A. in Health Services Administration/Government and Politics

### B.S./M.A. in Health Services Administration/Sociology

### B.S./M.A. in Human Services/ Sociology

### B.S./M.A. in Journalism/ Government and Politics

### B.S./M.A. in Journalism/Sociology

### B.S./M.A. in Legal Studies/ Government and Politics

### B.S./M.A. in Legal Studies/Sociology

These programs permit qualified students to earn both a bachelor's and a master's degree in an integrated program within a shortened time frame. Instead of the usual five-and-a-half to six years required to obtain the two degrees, it is possible to earn them in just five years.

Each program is designed to enable students to complete the University and departmental requirements of 126 credits for the bachelor's in four years. By completing 126 credits in the first four years, including at least 12 graduate credits, the student is assured of completing the bachelor's degree if for any reason he/she decides not to continue for the fifth year. The student can opt to earn the master's degree according to a normal schedule, either after the fourth year or at a later period.

Applicants to any of these programs must have completed the sophomore year, with at least a 3.0 cumulative index and a 3.5 index in at least 12 major credits. Incoming freshmen may apply for provisional admission to one of the bachelor's/master's programs. Transfer students may apply at the time of enrollment. For additional information, contact the appropriate program director in criminal justice, health service administration, legal studies, communication arts, or journalism.

### B.S./J.D.; B.A./J.D.

This program permits qualified students to earn both a bachelor's and a law (juris doctor) degree in an integrated program within a shortened time frame of six years of full-time study.

The program is designed to enable a student pursuing any bachelor's degree offered by the College, whether as a day, evening or weekend student, to apply the 27 credits earned in the first year of law school as the final 27 credits of his or her bachelor's program. These 27 credits may only be applied to a bachelor's program in the manner specified by the University, and it is required for a student to apply to participate after successful completion of 60 academic credits.

Applicants to this program must have at least a 3.5 cumulative quality point index at the time of completing their 60 academic credits. If accepted into the program by the College of Professional Studies, the student must then take the Law School Admission Test (LSAT) and achieve an acceptable score, after which the student must make application to St. John's University School of Law and be accepted. This combined degree program is run in

conjunction with St. John's University School of Law only and with no other law school. Students must meet with the designated pre-law advisor to apply.

## Evening and Weekend College Programs

### Queens Campus

St. John's University, recognizing the special needs and commitments of working adults, offers a wide selection of degree programs during evening and weekend hours and online for students who have only certain hours available each week to pursue their education.

Classes are arranged for working students' convenience. An evening student could schedule classes that meet once a week at 6:50 to 9:45 p.m. for a total of three credit hours for each class. Another possibility might be to schedule online courses. Weekend classes at Queens meet on Fridays at 6:15 p.m. or on Saturdays at 8:15 a.m. or 12:45 p.m. It is possible to earn 12 credits each semester by attending Weekend College and taking online courses.

The Bachelor of Arts and the Bachelor of Science degrees and the Associate in Arts and the Associate in Science degrees are offered in the evening and weekend schedules in most major areas. Please see the description under each major for the sessions in which the major is offered.

A bachelor's degree requires completion of 126–127 credits. These credits provide a broad liberal arts education and a specialized major concentration. An associate's degree requires completion of 60–62 credits. These credits are the equivalent of approximately half the requirements for a bachelor's degree, and introductory knowledge of a major area is included. Associate's degree recipients have all their credits transferred into the bachelor's sequence if they continue study in the same field or in one that is closely related.

It is also possible to take classes leading to a certificate in the evening and on weekends. Please see the section on certificate programs to note the variety offered.



## Majors Available in the Evening and on Weekends

Programs available in the evening and weekends include:

Major*	Degree
Administrative Studies*	B.S.
Business Administration, Accounting	A.S.
Computer Science	A.S./B.S.
Computer Security Systems	A.S./B.S.
Criminal Justice*	A.S./B.S.
Funeral Service Administration	B.S.
Health Services Administration	B.S.
Homeland and Corporate Security	B.S.
Hospitality Management	B.S.
Information Technology	A.S./B.S.
Legal Studies	A.S./B.S.
Liberal Arts*	A.A.
Liberal Studies*	B.A.
Safety and Corporate Security	B.S.
Sport Management	B.S.

\*For those majoring in Funeral Service Administration, the professional courses are only offered in the day session in cooperation with the American Academy McAllister Institute (AAMI) in Manhattan. Liberal arts courses may, however, be taken in the evening session.

\*Also available through Distance Learning.

## Special Assessment Program

The University understands that learning need not be confined to the classroom. A College of Professional Studies student may be awarded up to 24 academic credits for knowledge that is equivalent to that required in the degree course. Such knowledge may have come through work, in-service training programs, independent study, reading and research, travel, or other lifetime endeavors.

To qualify for special assessment academic credit, a candidate must be a mature person with a level of theoretical and practical knowledge appropriate to the program of study for the degree sought. The student must have completed a minimum of 12 semester hours of credit with a minimum GPA of 2.5 in course work offered by the University and must be a matriculated student in a degree program of College of Professional Studies. Students are required to complete one or a combination of the following methods of assessment: written examination (standardized tests), internal examination, portfolio and oral examinations. Students wishing additional information should obtain the Special Assessment packet of at the College office.

## Advanced Placement/CLEP

The College of Professional Studies awards credit to those students who earn a requisite score on AP/CLEP and other credit-by-test exams, providing the exams are appropriate to the degree program.

Credits awarded through Special Assessment, AP and CLEP do not affect the GPA.

## Internship Program

Internships are available to selected students enrolled in most of the Bachelor of Science degree programs of the College of Professional Studies. The internship is a supervised off-campus experience arranged by the Division Chairperson or Program Director to provide practical experience for selected students, in particular majors, who have completed the majority of courses in the major area, including any prerequisite courses and who have a cumulative index of 2.5 or above.

Student interns receive no salary. Since so many students consider the internship experience to be a valuable part of their undergraduate preparation, competition is keen. Additional requirements specific to individual majors can be found in the internship sections of the program descriptions.

Students are strongly urged to apply, in writing, for internship consideration to the appropriate program director or chair during the registration period for the semester in which they would like to intern. Students may not carry internship coursework as part of an excess credit load. Further information is available at the office of the respective chair or program director. Student internships may begin in the fall, spring, or in some programs, summer. Registration for internships must be completed at these times.

## Internship Registration

After approval by the program director, students must register for an internship in the Office of the Dean. Failure to do so will invalidate academic credit for the internship.

## Double or Triple Majors

Students interested in completing a second or third major program of study must apply to the academic dean for permission to complete the second or third major. Specific requirements for each major are available in the respective Dean's Office.

## Co-Curricular Organizations

Co-curricular organizations and clubs are specifically designed to enhance the students' experience and learning in a variety of fields. Clubs associated with College of Professional Studies programs include the following:

### St. John's University Television Club (WRED)

The St. John's University Television Club prepares members for the competitive television/media industry. Interested students have the opportunity to learn and use state-of-the-art television equipment and to write, direct, produce, edit and/or act in video productions. Eligible members may register for academic credit while working under the guidance of the faculty moderator.

### Communication Arts Film Society

The Communication Arts Film Society is a co-curricular unit of College of Professional Studies with membership open to all St. John's University students. Members write, produce and shoot their own motion pictures; run a series of weekly film screenings and engage in a variety of motion picture related activities. Academic credit may be earned by members actively participating in the organization. For further information, contact the Chair of the Division of Mass Communications.

### WSJU

WSJU is the student-run campus radio station. It is a co-curricular organization, offering both academic credit and practical broadcast experience to those students interested in the field of radio.

Open to all St. John's University students, WSJU is an official member of the National Association of College Broadcasters (NACB) and the Intercollegiate Broadcasting System (IBS).

### Criminal Justice Association

The Criminal Justice Association is an academic and social organization whose membership is open to all St. John's University students. The main objective is to bring students into contact with the structures and procedures of the criminal justice system. The association acts as an information center concerning career opportunities and job availability.

### Hospitality Management Organization

The Hospitality Management Organization is an official representative body of all students in the hospitality management program. The association aims to initiate academic and social activities to enhance the linkage between academics and the current hospitality and tourism industry. The association coordinates various events such as the annual HMT Career Fair and HMT Networking Night. It also acts as an information center concerning career

opportunities, internships, scholarships and other related activities. Membership requires attendance to such events and scheduled meetings, as well as active participation in service to the academic and social communities.

### Legal Society

The Legal Society is a student organization that works to enhance the relationship of the Legal Studies Program to the legal profession by various student-organized activities such as guest speakers, presentations by alumni and publications. The association assists students in preparing for a career in the legal profession in the greater New York area.

### Sport Management Club

The Sport Management Club is the official representative to all undergraduate students majoring in the sport management program. The club coordinates all events activities and publications for the benefits of its members. Events proposed by the club included include the annual career night and the presence of several speakers at the meetings along the year. Through its intranet homepage, the club also provides an access to a wide range of information relevant to the students, such as internship opportunities and the latest news in the sports industry.

## Honors

### The College of Professional Studies Honor Society

The College's Honor Society recognizes its baccalaureate students who, by their continued academic excellence and involvement in the life of their school, church or community have demonstrated that they are honor students. Students who apply for membership must have completed a minimum of 60 credits, and 30 of these credits must have been taken in the College of Professional Studies. The applicant must have a cumulative index of 3.5 for all previous course work as well as a 3.5 at St. John's University.

### Alpha Phi Sigma—Alpha Epsilon Rho Chapter—Criminal Justice Honor Society

The College of Professional Studies chapter recognizes outstanding students majoring or minoring in criminal justice who have a 3.2 overall index for all previous coursework (including transfer credits) and a 3.2 index in the criminal justice major.

### Lambda Epsilon Chi—National Legal Studies Honor Society

The College of Professional Studies chapter was established to recognize academic excellence in legal studies. Students must major in legal studies (either A.S. or B.S. degree candidates)

and achieve an overall grade point index of at least 3.5 after completion of two-thirds of all course requirements for their degree.

## Academic Awards and Distinctions

For awards and distinctions that require using grade point average to determine awards, all college work applies.

**Gold Keys, Silver Keys and Certificates of Achievement**, recognize students in each major who have attained the first, second and third highest cumulative indices in the graduating class.

**The Bessie and Isidor Shapiro Memorial Award**, sponsored by Professor Irving Shapiro, recognizes a member of the College of Professional Studies graduating class majoring in criminal justice or legal studies who has demonstrated character, scholarship and a strong work ethic.

**The Craig Collins Award**, named in honor of the former Director of Criminal Justice, recognizes a criminal justice major who has attained an exemplary grade point index and has demonstrated excellence in the field of criminal justice.

**The Francis Flynn Award for Excellence in Mathematics**, named in honor of a former faculty member, recognizes a computer science major who has completed the greatest number of high level mathematics courses in the graduating class with the highest index.

**The Franklin Camerano Award for Excellence in Healthcare**, sponsored by Franklin Camerano, Director of Health Services Administration, recognizes an evening/ weekend student in the health service program who has demonstrated academic excellence.

**The Looseleaf Law Publications Award**, is granted to students who have shown outstanding dedication and enthusiasm in attaining their criminal justice or legal studies degree.

**The Marianne Noonan Award**, named after a former student in the sport management program, recognizes academic performance and outstanding contributions to the program.

**The Michelle Doherty Award**, is given to a female student who is graduating with the highest major grade point average in the sport management program.

**The National Law Enforcement Scholarship Award**, recognizes graduating legal studies majors who have demonstrated academic excellence.

**The Outstanding Journalism Graduate Award**, recognizes a graduating journalism major who has contributed to the journalism profession both inside and outside the classroom and has achieved an exemplary grade point index.

**P. Kevin Castel Award**, is presented to the student most likely to succeed in the study of law.

**The Panayiotis Pappadopoulos Award**, sponsored by Dr. Louis Gesualdi, recognizes a graduating senior who has demonstrated extraordinary humanitarian qualities.

**The Vincentian Spirit Award**, recognizes outstanding contributions of CPS students to their co-curricular life on campus.

**The West Publishing Company Award**, recognizes graduating legal studies majors who have demonstrated academic excellence.

**The William Trunkes Memorial Scholarship Fund**, was donated by Judge Thomas T. Trunkes, a graduate of St. John's University and its School of Law, in honor of his uncle William A. Trunkes. The scholarship is awarded to a New York City police officer or his or her child who is pursuing a degree in criminal justice with a minimum GPA of 3.0 and who preferably lives in Brooklyn.

## Academic Information

### Academic Advisement Program

The Academic Advisement Program of the College provides each student with personal treatment and attention as he/she proceeds through a degree program. It is concerned with the choice of a program of study, course selection, academic standing and other related scholastic matters.

To achieve the objectives of the program, the student periodically consults with an advisor to develop an understanding of his or her program and the possibilities for further study and employment.

Each student must understand that the responsibility for arranging an appropriate program and for meeting all degree requirement rests with the student. Academic advisement is offered to assist students in meeting this responsibility.

### Credit Load

The College of Professional Studies limits the program of any student enrolled on the basis of such considerations as achievement in high school or in previous college courses and the amount of time available for study, especially if the student is employed.

Matriculated students in an associate's degree program or the daytime LST program who are not employed on a full-time basis may carry a maximum of 15 credits per semester.

Matriculated students in a baccalaureate degree program who are not employed on a full-time basis may carry a maximum of 18 credits per semester.

Non-matriculated students who are not employed on a full-time basis may carry a maximum of 12 credits.

Students who are enrolled in an internship may not carry an excess credit load. An excess credit load includes anything over 20 credits.

## Core Requirements

All candidates for the Bachelor of Arts or Bachelor of Science degrees must take all courses in the 48-credit University Core outlined in this bulletin. Candidates for the associate's degree will take approximately 24 credits of the University Core.

Each program of study requires core courses specific to that program (in addition to the courses of the University Core). Students should inquire at their Dean's Office to determine exactly what courses are required for a specific degree program.

## College of Professional Studies Core Foreign Language or Cultural Studies Requirement

The University Distributive Core Requirements includes as one of its core knowledge requirements the ability to describe cultural and linguistic perspectives in the contemporary world. Each of the undergraduate units of the university defines this requirement in a different way. In the College of Professional Studies this requirement is defined as six (6) credits in a foreign language or in cultural studies.

If the student decides to fulfill the requirement with studies in a *foreign language* the following options are allowed:

1. Two courses in one foreign language in which the student already has some background. If a student uses this option he or she must take the modern foreign language placement test offered in the language lab located in St. Augustine Hall and then follow the placement recommendations based on that test result.
2. Two courses in one foreign language in which he or she has no previous background. The university offers courses in a wide variety of languages including Arabic, Chinese, French, German, Greek (Modern and Ancient), Hindu, Italian, Japanese, Korean, Latin, Russian and Spanish.
3. Through credit earned by assessment tests offered by the College Level Examination Program (CLEP) of the College Board or by the Foreign Language Proficiency Testing Service of the NYU School of Continuing and Professional Studies.

If the student decides to fulfill this

requirement with the *cultural studies* option he or she must complete ART 1000C Creativity and the Arts and a LAC (*Language and Culture*) course.

If a College of Professional Studies student transfers to another undergraduate school or college within St. John's, foreign language credit earned by examination might not be accepted in fulfillment of the foreign language or cultural studies requirement of that school or college.

**NOTE:** Students in the BS degrees in Advertising Communications, Mass Communications, Journalism, Television and Film and Public Relations must complete six credits in one foreign language to fulfill this requirement.

## Attendance Regulations

The College of Professional Studies expects all students to take full advantage of their educational opportunities by regular class attendance and to assume the academic risks incurred by absences.

All students are held responsible for absences incurred as a result of late registration.

All freshmen and sophomores who have been absent nine hours from a three-semester-hour course or 12 hours from a four-semester-hour course, or 20 percent of total contact hours, may be denied credit for the course.

Although no formal system of class attendance is maintained for juniors and seniors who are in good academic standing, a faculty member may set forth such standards for the satisfactory conduct of the course. Such standards are then applied to all students enrolled in the course.

All students are responsible for all class work assigned including class quizzes and tests.

Individual professors may require specific attendance regulations for their classes.

## Tutoring and Academic Support Services

The College of Professional Studies has a commitment to help students achieve their educational goals. Faculty office hours are available in the Dean's Office so that students may consult with their professors, should they need extra help.

## Probation

As part of our commitment to personal advisement, the College of Professional Studies office monitors students whose index falls below a 2.0 (C) average. These students must report periodically to their dean so that the office may assess their academic progress. They are required to present notebooks, marked quizzes and exams, and reports to their dean, and may not carry a full credit load. Probation students may be restricted to as few as three credits, and may enroll in no more than 12 credits. This strategy is designed to allow the

student time to adjust to college schedules and college-level course requirements.

## Fresh Start Rule

An undergraduate student accepted for readmission to the College of Professional Studies after an absence of five or more years from the University may ordinarily petition to 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 C or above are counted for credit. No other grades 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, before graduation 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 ever taken on the college level are used in the calculation of the index required for graduation with honors.

This rule applies to the College of Professional Studies only. A student who is readmitted 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.

## Pass-Fail Option

The College of Professional Studies has instituted the Pass-Fail Option to encourage students to enroll in challenging courses without prejudice to their cumulative quality point index. This option is limited to juniors and seniors in the baccalaureate programs whose cumulative quality point index is at least 2.75 at the College of Professional Studies. It is limited to one course per semester; the total during the two years may not exceed 12 credits. It may be exercised only in connection with free electives. In no case is the quality point index affected; a "Pass", however, is credited toward the degree. Applications for the Pass-Fail Option must be approved by Office of the Dean. A student may apply for the Pass-Fail Option at any time during the semester up to and including the last date designated for withdrawal from class without academic penalty. Once this date has passed the student cannot rescind request for pass/fail option.

## Make-up Examinations

The College of Professional Studies 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.

The College of Professional Studies 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 who misses the final examination because of circumstances that are typically beyond the control of the student. The "ABF" will be calculated as an "F" in the student's GPA unless a make-up exam is approved and passed. 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 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. The make-up fee may be waived at the discretion of the Dean. Make-ups must be completed in the most immediate time frame that is reasonable for the circumstances of the case.

## Graduation

For graduation, students enrolled in a baccalaureate program must complete a minimum of 126–127 semester hours. Students enrolled in an associate degree program are required to complete a minimum of 60–62 semester hours for all programs, with a minimum cumulative index of 2.0 and a minimum major index of 2.0. All students must complete the last 24 credits (two full-time semesters) of their degree at St. John's University.

Students who complete their graduation requirements are invited to participate in the May Commencement ceremony. An undergraduate student who is one to two courses short (maximum 9 credits) or a graduate student who is one course short (maximum 3 credits) and not subject to academic discipline can submit a written request to participate in the May ceremony. Request letters must be submitted to the

Dean's office by the determined deadline in the spring semester and are reviewed by the College Commencement Committee to determine student eligibility. Granting such requests is the sole discretion of the Dean's office.

## Student Responsibility

It is the responsibility of students to make certain that their academic requirements have been satisfied at the time they make application for the associate or bachelor's degree. Any questions regarding degree requirements or course scheduling should be brought to a college administrator.

## Prerequisite

A prerequisite is a course that is required before the student enrolls in a certain class. No student may take a course without the prerequisite.

## Electives

The electives within specified fields of study (e.g., social science elective) are subject to restrictions. Consult the degree requirement headings on the previous pages or a college administrator concerning any course, to ensure that it satisfies that elective requirement.

The requirement for FREE electives will be fulfilled by any course(s) for which the student has the proper prerequisites.

## Repeat Courses

College of Professional Studies students who retake courses they already have completed with a grade of D or higher, will not receive credit for the second course. The grade of the second course may not be calculated into the student's grade point index. Exception to this rule is granted to students enrolled in the Fresh Start Program.

## Degree Requirements

Candidates must complete the specified minimum number of semester hours of credit for a prescribed program of study. The curricula include required core courses, courses in the major area sequence, courses in a related area and free electives. A cumulative quality point index of 2.0 for all courses taken, and a cumulative quality point index of 2.0 for all courses in the major and minor areas are required.

Normally a full-time day session student may complete his or her degree program in eight semesters of study with credit loads of 15 semester hours (five courses) in six of the eight semesters and credit loads of 18 semester hours (six courses) in two of the eight semesters. For information on accelerated and summer study and credit by examination, please consult the specific sections of this bulletin, and the CPS Dean's office

## B.A. Liberal Studies

(Queens, Staten Island, Distance Learning)

(Day and Evening/Weekend)

The Bachelor of Arts in liberal studies is designed to provide a quality, multidisciplinary education. Its flexible approach is geared especially to the nontraditional student, typically pursuing a degree at night, while working full-time during the day. Instead of choosing the traditional single academic major area of study, the liberal studies major studies a variety of areas centered on the humanities, the social sciences, science and mathematics and a minor area, including one of the many career areas offered, such as administrative studies, business, computer science, criminal justice, health services, journalism or legal studies.

### Major Area Requirements:

- I) **Humanities** 18 credits chosen from non-University core English, philosophy and theology courses
- II) **Social Sciences** 18 credits chosen from non-University core economics, history, political science, psychology and sociology courses
- III) **Science/Math** 12 credits chosen from non-University core biology, chemistry, computer science, mathematics and physics courses
- IV) **LST 1000C** 3 credits (day students only.)

## B.S. Administrative Studies

(Queens, Staten Island, Distance Learning)  
(126 Credit Hours)

(Day and Evening/Weekend)

The curriculum in administrative studies leading to the baccalaureate degree is designed to prepare students for administrative and managerial jobs in today's technologically oriented workplace. With a solid grounding in writing, critical thinking, office software systems and a basic understanding of the business world, ADS graduates will be trained for entry-level positions in both the private and public sectors of the economy.

### Major Area Requirements

#### Human Relations Area

Minimum 18 credits, Maximum 21 credits  
SOC 1003, SOC 1004, SOC 1031, PSY 1019  
and 6–9 credits chosen from the following:  
LES 1020, HIS 1006, HIS 1037, ECO 1002,  
PSY 1017, PSY 1025, BLW 1015

#### Technology Courses

Minimum 15–Maximum 18 credits  
chosen from the following:  
MTH 1021, MTH (according to placement  
criteria) CUS 1102, 1103, 1104, 1105,  
NET 1001, 1021; COM 2290, 3292

## B.S. Advertising Communication

(Queens/Day Session only)  
(127 Credit Hours)

The curriculum in advertising communication leading to the baccalaureate degree in the educational, managerial and creative phase of advertising along with the understanding of the advertising agency.

### Areas of Concentration

Courses may be selected to provide a concentration in: advertising account executive, media planning and buying and creative (copywriter or art director).

### Internship Program

For information on internships in advertising communication, see "Internship Program" under B.S. Communications.

### Major Area Requirements for Creative Track

16 credits from COM 1100, MCC 1000, MCC 1100, COM 2290, COM 2500, COM 2600,

24 credits from MKT 1001, ADV 2100, 2301, 2500, 3400, 3401, 3402, 4601

9 credits chosen from: ADV 3200, ADV 5001\*, COM 2209, COM 2280, COM 3101, COM 3102, COM 3292, COM 4600, PHO 2201, SPE 1010 (\*permission of Director required for internships)

### Major Area Requirements for Account Management, Media Planning and Buying Track

16 credits from COM 1100, MCC 1000, MCC 1100, COM 2600, ENG 1006, SPE 1010

24 credits from MKT 1001, ADV 2100, 2301, 2500, 3400, 3401, 3402, 4601

9 credits chosen from: COM 2201, 2204, 2209, 2280, 2290, 2401-2403, 3101, 3102, 4600, TVF 2402, ADV 5001\* (\*permission of Director required for internships)

## B.S. Computer Science (Queens) (126 Credit Hours)

(Day and Evening/Weekend)

The curriculum in computer science leading to the baccalaureate degree provides a professional education leading to careers such as computer programmer for business and scientific applications, systems analyst, and information technology manager. It also serves as preparation for further academic and professional study in computer science and operations research.

### Major Area Requirements

36 semester hours of courses in computer science: CUS 1113; 1114; 1124; 1155;

1151; 1163; 1166; three credits from CUS 1161; 1162; 1171; 1185; or NET 1001; three credits from CUS 1168; 1174; 1181; 1182; 1183; 1186; 1187; 1188; nine additional credits in computer science.

## B.S. Computer Science (Option and Concentration Programs)

(Queens) (126 Credit Hours)

(Day and Evening/Weekend)

The curriculum in computer science leading to the baccalaureate degree may be enhanced with an option providing a second, complementary area of academic strength leading to a career in one of the areas outlined below.

### B.S. Computer Science (Business Option)

Careers associated with this option include computer programmer for business applications, database administrator, business systems analyst, and information technology manager.

#### Major Area Requirements

36 semester hours of courses in computer science: CUS 1113; 1114; 1124; 1144 or 1155; 1165; 1166; three credits from CUS 1161; 1162; 1163; 1171; 1185; or NET 1001; three credits from CUS 1147; 1148; 1167; 1169; 1172; 1176; 1179; or NET 1051; twelve additional credits in computer science.

#### Specialized Area Requirements

18 semester hours of courses in business administration: ACC 1007, (1013 or 1008), BLW 1001, MGT 1001, 1003; MKT 1001.

### B.S. Computer Science (Computer Security Systems Option)

Careers associated with this option include computer system security analyst, cryptanalyst, application security consultant, and information assurance engineer.

#### Major Area Requirements

33 semester hours of courses in computer science: CUS 1113; 1114; 1124, 1144 or 1155; 1166; three credits from CUS 1161; 1162; 1171; 1185; three credits from CUS 1147; 1148; 1159; 1176; or NET 1051; twelve additional credits in computer science.

#### Specialized Area Requirements

6 semester hours of courses in networking: NET 1001; 1011.

15 semester hours of courses in computer security systems: CSS 1005; 1011; 1012; six additional credits in computer security systems from CSS 1015 or higher numbered courses.

## B.S. Computer Science (Networking and Telecommunications Option)

Careers associated with this option include telecommunications analyst, network administrator, and telecommunications programmer.

### Major Area Requirements

33 semester hours of courses in computer science: CUS 1113; 1114; 1124, 1144 or 1155; 1166; three credits from CUS 1161; 1162; 1171; 1185; three credits from CUS 1145; 1147; 1148; 1159; 1167; 1172; 1176; twelve additional credits in computer science.

### Specialized Area Requirements

6 semester hours of courses in computer security systems: CSS 1005; 1011.

15 semester hours of courses in networking: NET 1001; 1011; 1015; six additional credits in networking from NET 1021 or higher numbered courses.

## Cisco Networking Academy Program

See details under B.S. Telecommunications and Networking.

## B.S. Computer Science (Web Services Concentration)

Careers associated with this concentration include web programmer, web applications architect, web systems administrator, and web software engineer/systems analyst. It also serves as preparation for further academic and professional study in computer science and software engineering.

### Major Area Requirements

36 semester hours of courses in computer science: CUS 1113; 1114; 1124; 1148; 1155; 1159; 1165; 1166; 1169; 1178; six additional credits in computer science from (CUS) 1172; 1173; 1179 or networking (NET) 1001

### Internship Program

Internships are available for qualified computer science, computer security systems, information technology, and networking and telecommunications majors enrolled in the Bachelor of Science degree program of study in the College of Professional Studies. The internship is a non-paid, supervised, off campus experience to provide practical experience in a field allied to the student's major.



The following guidelines assist the student applying for internship consideration.

Students must:

- Be in junior or senior year
- Have completed all required major area courses and the majority of major area electives
- Have a cumulative index of 2.75 or higher in all course work for the three-credit internship and 3.00 or higher in all course work for the six-credit internship. In addition, the student must have a major area index of 2.50 or higher.
- Have permission of the director to enroll in an internship

Students may not carry internship course work as part of an excess credit load. Student interns receive academic credit upon successful completion of the non-paid internship experience.

### **Computer Science, Computer Security Systems, Information Technology, Networking and Telecommunications Advisory Board**

The advisory council consists of active professionals who provide expert advice in the matters of academic course revision, curriculum development, and program expansion.

## **B.S. Computer Security Systems**

(Queens) (126 Credit Hours)

*(Day and Evening/Weekend)*

The curriculum in computer security systems leading to the baccalaureate degree provides a professional education leading to careers such as cryptanalyst, computer crime investigator, network security administrator, computer forensic specialist, and cyber law enforcement specialist. It also serves as preparation for further academic and professional study in computer security, computer science, and networking and telecommunications.

### **Major Area Requirements**

- 6 semester hours of courses in computer science: CUS 1113; 1114.
- 9 semester hours of courses in networking: NET 1001; 1011; 1015
- 21 semester hours of courses in computer security systems: CSS 1005; 1011; 1012; twelve additional credits in computer security systems or networking from CSS 1001 or higher numbered courses or NET 1031.

## **B.S. Computer Security Systems (Option Programs)**

(Queens) (126 Credit Hours)

*(Day and Evening/Weekend)*

The curriculum in computer security systems leading to the baccalaureate degree may be enhanced with an option providing a second, complementary area of academic strength leading to a career in one of the areas outlined below.

### **B.S. Computer Security Systems (Business Option)**

Careers associated with this option include: information security manager, information assurance consultant, and business security systems analyst.

### **Major Area Requirements**

- 9 semester hours of courses in computer science: CUS 1113; 1114, three additional credits in computer science from CUS 1147; 1165; 1176.
- 9 semester hours of courses in networking: NET 1001; 1011; 1015.
- 21 semester hours of courses in computer security systems: CSS 1005; 1011; 1012; twelve additional credits in computer security systems or networking from CSS 1001 or higher numbered courses or NET 1031.

### **Specialized Area Requirements**

- 18 semester hours of courses in business administration: ACC 1007, (1013, or 1008); BLW 1001; MGT 1001, 1003; MKT 1001.

## **B.S. Computer Security Systems (Cyber Forensics Option)**

Careers associated with this option include computer forensics specialist, forensic technology consultant, technology risk management professional, and internet forensics specialist.

### **Major Area Requirements**

- 9 semester hours of courses in computer science: CUS 1113; 1114: 1185.
- 9 semester hours of courses in networking: NET 1001; 1011; 1015.
- 21 semester hours of courses in computer security systems: CSS 1005; 1011; 1012; twelve additional credits in computer security systems or networking from CSS 1001 or higher numbered courses or NET 1031.

### **Specialized Area Requirements**

- 15 semester hours of courses in computer forensics and criminal justice: CFR 1001 or 1002; 1005; CRJ 2006; 3117; 3118.

## **Internship Program**

See details under B.S. Computer Science.

### **Computer Science, Computer Security Systems, Information Technology, Networking and Telecommunications Advisory Board**

See details under B.S. Computer Science.

## **B.S. Criminal Justice**

(Queens, Staten Island, Distance Learning) (126 Credit Hours)

*(Day and Evening/Weekend)*

The Bachelor of Science curriculum in criminal justice offers the student a unique and rewarding opportunity to prepare for a challenging career in the field of justice administration. It may also serve as preparation for further academic and professional study.

### **Internship Program**

Internships are available for criminal justice majors enrolled in the Bachelor of Science degree in the College of Professional Studies. The internship is a supervised off-campus experience arranged by the Director of Criminal Justice to provide practical experience in various fields of criminal justice. The following guidelines assist the student applying for internship consideration:

- Must be in junior or senior year
- Completed majority of courses in Criminal Justice major
- Cumulative index of 2.5 or higher in all course work
- Students may not carry internship coursework as part of an excess credit load.
- Student interns receive no salary; receive course credit
- Permission of the Director for Internship consideration

For those students enrolled in a criminal justice minor, an internship for three credits may be selected with the above provisions.

### **Police/Correction Academy Credits**

Students who have successfully completed training courses at the New York City Police, Correction, or at the Nassau County or New York State Police academies may be entitled to receive credit toward the B.S. degree.

### **Co-Op Education Program**

The objective of this program is to provide experience in professional positions with select criminal justice agencies in the metropolitan area. Program open to criminal justice majors to contribute to the enrichment of educational programs by providing educationally related experience for the students.

## Criminal Justice Advisory Council

The Criminal Justice Advisory Council is comprised of distinguished leaders in the police service, law, corrections and public safety administration who provide counsel to the criminal justice program in the areas of curriculum development and research needs. The advisory council plays an important role in ensuring that the program's curriculum is meeting the needs of the criminal justice system in the 21st century.

## Criminal Justice Association

The Criminal Justice Association is an academic and social organization whose membership is open to all St. John's University students. The main objective is to bring students into contact with the structures and procedures of the criminal justice system. The association acts as an information center concerning career opportunities and job availability. It sponsors guest lectures, seminars, on-site visits and opportunities to meet and speak with practitioners in the field.

## Major Area Requirements

Criminal Justice: CRJ 2000, 2001, 2002, 2003, 2004; 15 credits from 3000 level courses; six credits from either 4000 or 5000 level courses

## Business Area Requirements

A minimum of 12 semester hours chosen from accounting, economics, business law, English 1006, management and marketing.

Free electives may be chosen from the courses offered through any of the undergraduate units of St. John's University.

A minor in business requires the successful completion of the following 18 credits: ACC 1007, 1013; BLW 1001; MGT 1001, 1003; MKT 1001. (ECO 1001 and 1002 are prerequisites for MGT 1003.)

Students may also choose to fulfill the requirements for any of the minors offered through the University.

Qualified students admitted into the B.S./M.A. Program in criminal justice/sociology are required to complete all core and major area requirements in criminal justice plus SOC 3240 (Sociological Theory) and at least 12 graduate credits in the first four years of the program. For additional requirements for the master's degree, students should consult the graduate bulletin.

## B.S. Criminal Justice (Forensic Psychology Option)

(Queens, Staten Island) (126 Credit Hours)  
(Day and Evening)

The Bachelor of Science in criminal justice with a specialization in forensic psychology

offers students training in the application of psychological principles within the legal system.

## Major Area Requirements

Criminal Justice 2000, 2001, 2002, 2003, 2004; 12 credits from 3005, 3006, 3102, 3105, 3108, 4102 and nine credits from any CRJ course.

## B.S. Funeral Service Administration

(Queens, Staten Island) (126 Credit Hours)  
(Day and Evening/Weekend)\*

(If a student has taken the McAllister program and comes to the College of Professional Studies to complete the B.S., the program may be completed in evening or weekend sessions.)

The Bachelor of Science curriculum in funeral service administration meets the following objectives:

- To provide the basic preparation for licensure as a Funeral Director through the traditional program offered by the American Academy McAllister Institute of Funeral Service located in Manhattan
- To enhance and broaden this basic preparation by combining it with appropriate professional courses and a related area specialization within the context of a liberal arts framework

## Academic Requirements for Funeral Service Administration Majors

- Students enrolled as funeral service administration majors must complete successfully 84 of the 126 credits with at least 30 of these credits being from St. John's University before being permitted to register for course work at the American Academy McAllister Institute of Funeral Service.
- Each student must achieve at least a 2.0 index (C average) after completing at least two semesters in coursework before being permitted to register at the American Academy McAllister Institute of Funeral Service.

## Major Area Requirements

\*Courses are offered during day hours at the American Academy McAllister Institute of Funeral Service. Forty-two credits are awarded for successful completion of the Advanced Standing Degree.

The credits accepted toward the baccalaureate degree are as follows:

Anatomy	42
Chemistry	7
Embaling	4
Microbiology	6
Pathology	4
Professional Principles Practice	4

Funeral Arrangements and Procedures  
Funeral Customs and Ceremonies  
Funeral Home Management  
Funeral Merchandise  
History of Funeral Service

Public Health	1
Restorative Art	4
Social Science	7
Psychology and Sociology in Funeral Service	

## Related Area of Specialization:

The related area of specialization consists of 18 credits chosen from business or social sciences.

A minor in business requires the successful completion of the following 18 credits: ACC 1007, 1013; BLW 1001; MGT 1001, 1003; MKT 1001, (ECO 1001 and 1002 are prerequisites for MGT 1003) 18

## B.S. Health Services Administration

(Queens)

(126 Credit Hours)

(Day and Evening)

The curriculum in health service administration leading to the Bachelor of Science degree provides a professional dimension in management necessary for students to assume entry-level management positions in health organizations. It may also serve as preparation for further academic and professional study. Completion of the major area requirements including either HSA 1037, Introduction to Gerontology, or HSA 1040, Long Term Care Administration, also constitutes a New York State Licensing Board approved alternative to a 100-hour prelicensure course required of applicants for the State Nursing Home Administrator Licensing Examination.

## Credit for Registered Nurses

Recognizing that men and women who are registered nurses in New York State have usually completed at least two years of intensive studies in the related health field of nursing, College of Professional Studies grants a maximum of 60 semester hours of credit to registered nurses who matriculate in the Bachelor of Science degree program with a major in health service administration, and have completed an Associate's Degree in nursing. While this degree program does not lead to advancement in the field of nursing, it may provide excellent preparation for advancement in a related health field.

## Major Area Requirements

30 credits: HSA 1100, 1101, 1002, 1003, 1004, 1005, 1011, 1012; and 1020; and nine credits chosen from any other HSA courses.

## Related Area Requirements

Related area courses may be chosen from either business or computer science offerings. CUS 1102 and ACC 1007 must be included. Please refer to minor listings for information on specific requirements for minors.

Qualified students admitted into the five-year B.S./M.A. Program in health service administration/sociology are required to complete all core and major area requirements in health service administration, to take SOC 1001 in fulfillment of the social science requirement, to take SOC 3240 (Sociological Theory), and to take at least 12 graduate credits in the first four years of the program. For additional requirements for the master's degree, students should consult the graduate bulletin.

## B.S. Homeland and Corporate Security

(Queens) (126 Credit Hours)

*(Day and Evening)*

The curriculum in homeland and corporate security leading to the baccalaureate degree is designed to provide a professional dimension to the managerial and technological phases of homeland and corporate security. It may also serve as preparation for further academic and professional study.

### Major Area Requirements:

Homeland and Corporate Security: HSC 1001, 1003, 1004, 1007 plus an additional 24 credits chosen from HSC 1002, 1006, 1009, 1010, 1012, 1013, 1014, 1015, 1017, CRJ 3101, 3107, 3108, 3112, 3116, CSS 1001, CUS 1106

## B.S. Hospitality Management

(Queens, Staten Island) (126 Credit Hours)

*(Day and Evening)*

The curriculum in hospitality management leading to the baccalaureate degree provides the graduate with preparation for the various aspects of the hospitality, food service, travel and tourism and event industries management. The program consists of required courses, free elective courses and a major area of concentration designed to provide the graduate with a liberal arts and business management background requisite for success in hospitality management as well as for further academic and professional study.

## Major Area Requirements (36 Credits)

HMT 1000, 1003, 1005, 1007, 1008, 1009, 1025, 1030, 1050, 1075 and six elective credits chosen from HMT offerings.

### Four Study Areas

#### Event Management

36 credits 1000, 1003, 1005, 1007, 1008, 1009, 1030, 1050, 1061 and 9 credits from 1025, 1065, 1070, 1071, 1073, 1075, 1094

#### Food Service Management

36 credits: HMT 1000, 1003, 1005, 1007, 1008, 1009, 1020, 1025, 1030 and 9 credits from 1004, 1006, 1010, 1022, 1035, 1040, 1075

#### Lodging Management

36 credits: HMT 1000, 1001, 1003, 1005, 1007, 1008, 1009, 1030, 1050 and 9 credits from 1002, 1010, 1045, 1055, 1065, 1072, 1074, 1075

#### Tourism Management

36 credits: HMT 1000, 1003, 1005, 1007, 1008, 1009, 1030, 1070, 1071 and 9 credits from 1061, 1072, 1073, 1074, 1075, 2001A

## B.S. Human Services

(Queens) (126 Credit Hours)

*(Day session only)*

The human services major stresses the social and behavioral science concepts, interpersonal communication skills and ethical values of the service professions. This prepares the student for a variety of entry-level employment responsibilities. With this background students are able to perform therapeutic, preventive and supportive functions with diverse client populations.

These classroom and placement experiences ensure that human services graduates can, with confidence, seek employment in service areas such as mental health and personnel work, in settings as varied as nursing homes and college campuses and in job functions as diverse as referral and adult education.

Transfer students holding an associate degree are required to complete only two internships.

### Major Area Requirements

HSC 1020, 1030, 1049, 1060, 1065, 1071, 1072, 1073, 1074, 1100, 1102.

Choose three externships: HSC 1081; HSC 1082; HSC 1083; HSC 1084; HSC 1085; HSC 1088

Social science corequisite:

PSY 1001 (req.). PSY 1007 and three credits from; PSY 1017; SOC 1001, SOC 1026

## Concentration (9 Credits)

A student must choose a concentration from the following areas: pastoral ministry, psychology, social work, report writing or any of the programs offered through College of Professional Studies. Information concerning the requirements for each concentration area is available from the Director of the Human Services Program.

## B.S. Information Technology

Recognizing that computer systems and software technology are now integral to organizations of any size, the baccalaureate degree program in information technology is designed to provide the student with broad knowledge and skills in existing information technologies, in new and emerging technologies, and in the administrative practices used in the effective management of these technologies. Careers include technical services manager, user support specialist, entrepreneurial software designer, and technical marketing representative.

### Major Area Requirements

39 semester hours of courses in computer science and networking: CUS 1103; 1104; 1113; 1114; 1124; 1165; 1172; NET 1001; fifteen additional credits in computer science from CUS 1147; 1148; 1154 or 1155; 1167, 1169; 1173; 1176; 1179; or computer security systems CSS 1001.

### Specialized Area Requirements

18 semester hours of courses in business administration: ACC 1007, (1013 or 1008), BLW 1001, MGT 1001, 1003; MKT 1001.

### Internship Program

For information on internships in computer science, computer security systems, information technology and networking and telecommunications see "Internship Program" under the Computer Science section.

## B.S. Journalism

(Queens, Staten Island) (127 Credit Hours)

*(Day session only)*

At St. John's, the journalism program is distinctive in its focus on professional, hands-on training, preparing students for the converged world of journalism. Faculty members have a vast breadth and quality of professional experience.

The course work is challenging and rich in its variety and emphasizes professional classes.

The program's objectives are to provide students with basic preparation in writing, reporting and producing for all journalistic media and to prepare students for graduate work, both in journalism and other fields. You learn everything from multimedia writing and

audio and video production to investigative reporting; from newspaper and magazine journalism to radio, television and internet news reporting; from photojournalism and graphic design to interviews, critical reviews and feature writing. Other courses introduce you to the legal and ethical constraints on the media, the history of journalism in America and the roles of government and the press. Guest speakers and informal student-faculty gatherings enhance classroom and applied learning.

Many law students, for example, have found journalistic training a useful preparation for the law.

The journalism program includes enough courses in each medium to permit students to graduate with a strong general foundation and a concentration in either print or electronic journalism. The major also includes substantial amounts of course work in the liberal arts, along with business classes and a large number of free electives.

### Internship Program

In emphasizing hands-on experience, the St. John's journalism major offers an extensive internship program. Student interns receive academic credit for their work at approved professional newspapers, wire services, internet news sites, radio and television stations, public relations firms and advertising agencies.

Students intern at local and major media in and around New York City including the *New York Daily News*, *Newsday*, *Queens Tribune*, *Queens Ledger*, *Amsterdam News*, *Broadcasting and Cable magazine*, *Seventeen* and *Vogue* magazines, WOR radio, WFAN, Westwood One Radio Sports, WABC-TV, WNBC-TV, MTV and *The Onion* news Web site. Adding professional experience to classroom instruction, the internship program is an extremely important and integral part of the journalism major.

### Areas of Concentration

Students may elect a concentration in either print media (newspapers, magazines, wire services, digital news services and other new media) or in broadcast media (television and radio stations and networks, cable and satellite news channels and other electronic media).

### Major Area Requirements

16 credits in COM 1100, JOU 1000, JOU 2300, JOU 3300, JOU 1402, JOU 1500

6 credits from one concentration

Print Media: JOU 3301 and COM 2290 or  
Broadcast News: JOU 3312 and JOU 3313

6 credits from writing series courses JOU 3302, JOU 3303, JOU 3304, JOU 3306, JOU 3307, JOU 3308, JOU 3309, JOU 3310, JOU 4300  
If not used for concentration: JOU 3312, JOU 3313

With Director's Permission: JOU 5001, JOU 5002, JOU 5003, JOU 5004 (Internships)

## B.S. Legal Studies

### ABA Approved

(Queens, Staten Island) (126 Credit Hours)

(Day and Evening/Weekend)

The legal studies program is designed to prepare the student to work as a true paraprofessional in the legal profession. The program is approved by the American Bar Association and is a member program of the American Association for Paralegal Education. The program receives valuable guidance and assistance from its Advisory Committee which is made up of members of the bar, the bench and practicing paralegals who are very closely in touch with today's demands placed upon legal assistants. Paralegals may not provide legal services directly to the public except as permitted by law.

Candidates are required to complete 126 semester hours of credit of a prescribed program of study with a minimum cumulative quality point index of 2.0. The curriculum includes required and elective courses in the liberal arts and sciences, business administration electives and a number of professionally related courses.

### Internship Program

Students pursuing either the Bachelor of Science or the Associate in Science degree in legal studies may choose to partake in one or both of the internship opportunities (LES 1005 and 1006). For baccalaureate students, the internship may be taken in either the junior or senior year. Students in the associate degree program may take an internship as an elective only after successful completion of 45 academic credits.

### Legal Society

The Legal Society is a student organization that works to enhance the relationship of the Legal Studies Program to the legal profession by various student-organized activities. The society assists students in preparing for a career in the legal profession in the greater New York area.

### Major Area Requirements

LES 1100, 1101, 1102, CRJ 3112, LES 1015:

CUS 1107 and 12 semester hours chosen from legal specialty courses:

LES 1003, 1004, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1016, 1017, 1018, 1019, 1020, 1021, 1023, 1024, 1025, 1026, 1030 and six semester hours chosen from law-related courses: LES 1005, 1006; CRJ 3113, 3114, and 3116.

## B.S. Mass Communications

(Queens, Staten Island)

(127 Credit Hours)

(Day session only)

The curriculum in communications leading to the baccalaureate degree provides a professional dimension in the educational, managerial and creative phases of radio, television, film and print media to develop an understanding of the communications media in combination with the basic disciplines of the liberal arts and business administration. It may also serve as preparation for further academic and professional study.

### Areas of Concentration

Courses may be selected to provide a concentration in: advertising and public relations, media management, business aspects of the communications industry, dramatic writing, film history, aesthetics and criticism, film and video production, media graphics, electronic journalism, radio, television and sports in the mass media.

### Departmental Minors

Any baccalaureate student may select the following minors in communications: mass communications, film studies, fundamentals of advertising and sales promotion, journalism, media graphics, media management and finance, public relations and television studies. Students wishing to pursue a minor must complete an application available in the College of Professional Studies Office.

### Internship Program

Students applying for up to nine hours of internship credit in advertising communications, communications, journalism, public relations and up to six hours in television and film must have junior or senior status with a minimum cumulative index of 2.75. CAS or JOU majors who wish to take more than nine hours of internship credit must have a minimum cumulative index of 3.0.

### Partnership with the Institute of Audio Research

St. John's University's joint academic program with the Institute of Audio Research (IAR) allows students at both institutions to broaden their education through a combined program leading to a bachelor's degree in communications. The Institute of Audio Research, located on University Place in Manhattan, offers training in audio engineering through its extensive audio equipment and studios. Networking opportunities exist through its widely known faculty.

Through this partnership, currently enrolled St. John's mass communications majors accepted into the program, can attend the IAR program and receive 30 credits

towards their bachelor's degree. Students must complete the IAR program to receive St. John's University credit. IAR graduates accepted into St. John's receive 30 credits toward a four-year degree in communications. Interested students should contact the College of Professional Studies Dean's Office for more information.

## Mass Communications Advisory Council

The council is composed of leading executives from the radio, television, motion picture, advertising and public relations industries.

The council provides continuing support to the University in curriculum, equipment, facilities, expansion of programs, adjunct faculty, recruitment campaigns and the development of the total educational program.

Communications is so fluid that a university must remain sensitive to fast-breaking programmatic and technical innovations. The College of Professional Studies is committed to the reality that education in this rapidly changing and expanding area must maintain continuous contact with practicing experts, such as the members of the Advisory Council.

## Major Area Requirements

- 7 credits from COM 1100, MCC 1000, COM 3101 (or 3102)
- 3 credits from Production chosen from COM 2201, 2204, 2209, 2280, 2290, TVF 1230, 2202
- 6 credits from Writing chosen from COM 2301, 2303, PRL 2301, ADV 2301, TVF 2301-2303
- 3 credits from Industry Practices chosen from COM 2401-2404, TVF 1400, 2402, 2402, JOU 1400, 1401, ADV 2100, PRL 2100
- 3 credits from Aesthetics chosen from COM 2500, 2570, ADV 2500, JOU 1500 series, TVF 1500 series
- 18 credits from any ADV, DRM, COM, PHO, PRL, TVF. A maximum of 9 credits can be chosen from JOU, RCT and English literature. A maximum of 6 credits of internship can be used to fulfill major area electives. All 7000 level courses are used as free electives only.

## Business Area Requirements

A minimum of 21 semester hours chosen from: ACC 1007, 1008 or 1013; BLW 1001; CAS 1430, 1460, 1461, 1465, 1470, 1471; ECO 1001, 1002; ENG 1006; MGT 1001; MKT 1001, 1002

Students wishing a minor in business successfully complete the following 28 credits: ACC 1007, 1013; BLW 1001 or 1005; MGT 1001, 1003; MKT 1001; (ECO 1001 and ECO 1002 and prerequisites for MGT 1003)

## B.S. Networking and Telecommunications

(Queens) (126 Credit Hours)  
(Day)

The curriculum in networking and telecommunications leading to the baccalaureate degree provides a professional education leading to careers such as telecommunications analyst, systems analyst, network manager and first-line supervisor. It may also serve as preparation for further academic and professional study in networking, computer science, and decision sciences.

## Major Area Requirements

- 6 semester hours of courses in computer science: CUS 1113; 1114.
- 9 semester hours of courses in computer security systems: CSS 1005; 1011, 1012.
- 21 semester hours of courses in networking: NET 1001; 1011; 1015; twelve additional credits in networking or computer security systems from NET 1021 or higher numbered courses or CSS 1015.

## Cisco Networking Academy Program

The CISCO Networking Academy Program has been integrated into the curriculum to enhance and enrich the program. It is a comprehensive e-learning program of four courses that provides students with the networking knowledge and skills important to careers in Information technology. While earning college credit for each of these courses, this program helps prepare students who so desire to take the CCNA (CISCO Certified Network Associate) professional certification exam. One or more of these courses can be a valuable addition to a student's program of study, even if they never intend to take the CCNA exam. The program delivers Web-based content, online assessment, student performance tracing, hands-on labs, instructor training and support, and preparation for the Industry-standard CCNA certification.

## Courses included In the Cisco Networking Academy at St. John's University

- NET 1011 Networking Fundamentals
- NET 1015 Routers and Router Concepts
- NET 1021 Switching, Design Practice, and LAN Design
- NET 1025 WAN Technologies and WAN Design

## B.S. Networking and Telecommunications (Option Program)

(Queens) (126 Credit Hours)

The curriculum in networking and telecommunications leading to the baccalaureate degree may be enhanced with an option in business. Careers associated with this option include telecommunications systems analyst, network deployment engineer, and telecommunications manager.

## Major Area Requirements

- 9 semester hours of courses in computer science: CUS 1113; 1114, three additional credits in computer science selected from CUS 1147; 1165; 1176.
- 9 semester hours of courses in computer security systems: CSS 1005; 1011, 1012.
- 21 semester hours of courses in networking: NET 1001; 1011; 1015; twelve additional credits in networking or computer security systems from NET 1021 or higher numbered courses or CSS 1015.

## Specialized Area Requirements

- 18 semester hours of courses in business administration: ACC 1007, (1013 or 1008); BLW 1001; MGT 1001; 1003; MKT 1001.

## Internship Program

See details under B.S. Computer Science.

## Computer Science, Computer Security Systems, Information Technology, Networking and Telecommunications Advisory Board

See details under B.S. Computer Science.

## B.S. Public Relations

(Queens) (127 Credit Hours)

The career-oriented Bachelor of Science degree in public relations is interdisciplinary in nature and integrates critical areas of study in communications and business in the realm of public relations and corporate communications. The program prepares students for careers in public relations, corporate communications, marketing communications, new media writing, and public communications. Students gain the knowledge and skills necessary to succeed in today's information-rich, technologically-driven workplace. The program offers placement for students in internships throughout New York in public relations firms, advertising and marketing companies, non-profit organizations, and the corporate communications departments of Fortune 500 companies. Students complete the degree program with a professional portfolio of work.



## Internship Program

The public relations program offers placement for select students to intern throughout New York in public relations firms, advertising and marketing companies, and the corporate communications departments of non-profit organizations and Fortune 500 companies. The approval of the Director of Public Relations is required for students to take internship courses.

## Major Area Requirements

31 credits in mass communications, public relations, and advertising: MCC 1000 and 1101, COM 1100, 1101, 2401, 2404, 2600, and ADV 2100. Public Relations PRL 2100, 2301, 3400, and 4600. Six credits in production and portfolio including COM 2290 and PRL 4601. One major elective consisting of three credits chosen from COM 4601, JOU 1000, MTH 1021, or PRL 5001 (internship). Nine credits of professional electives chosen from SPM 1003, SPM 1018, CRJ 2000, LES 1001, HSA 1100, HSC 1020, HMT 1000.

## B.S. Sport Management

(Queens, Staten Island) (127 Credit Hours)  
(Day and Evening)

The curriculum in sport management leading to the baccalaureate degree prepares students for challenging careers in administration of athletics at the community, secondary school, collegiate or professional level. The program of study consists of required courses, free electives and a major area of concentration designed to provide the student with a liberal background in the technical, administrative and legal aspects of sport management. Additionally, it may also serve as preparation for further academic and professional study.

In light of the globalization of sports, St. John's University is pleased to offer an International Sport Management study abroad program, based in Rome and at the University of Leicester, England. This unique international study abroad program has allowed sport management majors and minors to pursue specialized course work in Europe.

## Internship Program

The internship program allows qualified upper-level students to apply class lessons to practical situations. Intern experience may include work in advertising, facility management, finance, marketing and sales promotions, media relations, sport governance, or ticket sales. Internships have been available with more than 140 organizations and schools. The sport management program was one of the first baccalaureate degree programs in the U.S. to offer an internship opportunity for their students, and the program continues to leverage their long-time contacts with professional teams, leagues,

facilities, universities and schools to provide their students with a rewarding internship experience.

As one of the fastest-growing industries in the world, sports requires the expertise of well-educated business leaders to handle a variety of diversified responsibilities.

The program in sport management leads to a Bachelor of Science degree and is offered by the College of Professional Studies to students seeking an entry-level management position in college and professional sports or the leisure and recreation business. The sport management program is the first baccalaureate degree program in the U.S. to provide internships with numerous organizations in the many areas of sports management and benefits from the advice of professionals in the field who are on the advisory council.

## Sport Management Advisory Council

To insure the continued effectiveness of the sports management program, St. John's University benefits from an advisory council, which is composed of recognized specialists in the various areas of athletics management.

The council members provide advice concerning the developing sport management field and contribute experience and guidance to the program.

## Major Area Requirements

A minimum of 37 semester hours of which 27 must be in the following SPM course work, 1001, 1003, 1004, 1006, 1010, 1014, 1018, 1022, 1032, COM 1100 and nine credits from internships.

A minor in business requires the successful completion of the following 18 credits: ACC 1007, 1013 or ACC 1008; BLW 1001 or 1005; MGT 1001, 1003; MKT 1001. (ECO 1001 and 1002 are prerequisites for MGT 1003.)

## B.S. Television and Film Studies (TVF)

(Queens, Staten Island) (126 Credit Hours)  
(Day and Evening)

The baccalaureate in Television and Film Studies provides intensive study in televisions, video and in the theory, history, planning, scripting and producing of film and filmmaking. This background prepares the student for the Senior Project and for possible internships. Students can participate in WRED-TV, the co-curricular television club which produces Eye of the Storm, a bi-weekly cable program, and the film club, the co-curricular organization that produces short student film projects. Upper level and studio courses are offered only on the Queens campus. Internship credits are limited to six credits: 5001 and 5002.

## Major Area Requirements

15 credits in MCC 1000, TVF 1200, COM 2500, TVF 4601, TVF 4602

18 credits of production chosen from: TVF 1230, 2200, 2202, 2203 or 2204, 3200, 3204, 3220, 4200, 4205, 4220, COM 2280, 3281, 3283, 3284, 4281

6 credits in writing chosen from: TVF 2301, 2302, 2303, 3303, COM 2303

12 credits of major electives chosen from: COM 2401, 2403, 3101, 3102, TVF 1400, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 2402, 2403, 3404, 3405 and with the permission of the director: 4701, 4702, 4703, 5001, 5002

## Partnership with the New York Film Academy

Students who have successfully completed either the 1-year or 2-year certificate programs at the New York Film Academy may apply to the College of Professional Studies at St. John's for admittance with advanced credit toward a B.S. in Television and Film.

The New York Film Academy is located in Manhattan with two campuses, and has state-of-the-art equipment and professional faculty to aid in the training of the art of filmmaking. Related courses and programs such as screenwriting, acting, editing are also offered.

The combination of a one year or two year education at the New York Film Academy, together with a broad introduction to the liberal arts, as well as study in additional television and film courses at St. John's, leads to a distinguished education geared for the television or film industries.

Interested students from the New York Film Academy should apply to the Dean's Office of the College of Professional Studies.

## Partnership with the American Academy of Dramatic Arts

One of the oldest acting conservatories in the world, the American Academy of Dramatic Arts, located in Manhattan, offers an Associates Degree. In conjunction with the College of Professional Studies, students who successfully graduate from AADA, are awarded 60 credits toward a B.S. in Television and Film at St. John's.

AADA's program has seen such stars as Grace Kelly, Edward G. Robinson, Katherine Hepburn, Kevin Spacey, Adrien Brody and Danny DeVito as graduates of its program. Students learn all of the elements of acting, from voice, movement, make-up, costuming, while engaging in staged performances.

Students from AADA who are interested in pursuing a B.S. degree in Television and Film at St. John's should contact the Dean's Office at the College of Professional Studies.

## Associate Degree Programs

Associate degree programs are offered that lead to the degree of Associate in Arts (A.A.) with a concentration in liberal arts and the degree of Associate in Science (A.S.) with concentrations available in a variety of business and career-oriented areas. Normally, a full-time day session student may complete his or her degree program in four semesters of study, with credit loads of 15 semester hours (five courses) in each semester. (In the pre-accounting option, total credits for each of the final two semesters equal 16.) For information on accelerated and summer study and credit by examination, please consult the specific sections of this bulletin. Credits from the associate's degree may be applied to a bachelor's degree.

## Associate in Arts Degree

### A.A. Liberal Arts

(Queens, Distance Learning)  
(60 Credit Hours)

*(Day and Evening/Weekend)*

Candidates for the degree of Associate in Arts with a concentration in liberal arts are required to complete a minimum of 60 semester hours of credit in a prescribed program of study with a minimum cumulative quality point index of 2.0. See Dean's Office for requirements.

## Associate in Science Degree

### A.S. Business (Accounting Option)

(Queens, Staten Island, Distance Learning)  
(62 Credit Hours)

*(Day only—Staten Island)*

*(Day and Evening—Queens)*

Candidates are required to complete 62 semester hours of a prescribed program of study with a minimum cumulative quality point index of 2.00 for all courses and for all courses in the major area. The curriculum includes required and elective courses in the liberal arts and sciences, accounting and business administration.

#### Major Area Requirements

ACC 1007, 1008, 1009, 1010; BLW 1001, 1005; ECO 1001, 1002, 1015

Business electives—three credits chosen from:  
ECO 1003, ECO 1011, MGT 1001, 1003, MKT 1001

### A.S. Business (Non-Accounting)

(Queens, Staten Island) (61 Credit Hours)  
*(Day and Evening/Weekend)*

Candidates are required to complete 61 semester hours of credit of a prescribed program of study with a minimum cumulative quality point index of 2.0 for all courses and for all courses in the major area. The curriculum includes required and elective courses in the liberal arts and sciences, managerial accounting and business administration.

#### Major Area Requirements

ACC 1007, 1008; BLW 1001; ECO 1001, 1002; MGT 1000, 1001

Business Electives—six credits chosen from:  
(ECO 1003 or ECO 1011), ECO 1015, MGT 1003, MKT 1001

### A.S. Computer Science

(Queens) (60 Credit Hours)

*(Day and Evening sessions)*

Candidates are required to complete 60 semester hours of credit of a prescribed program of study with a minimum cumulative quality point index of 2.0 for all courses and for all courses in the major area. The curriculum includes required courses in the liberal arts and sciences, computer science and elective courses.

#### Major Area Requirements

CUS 1113, 1114, 1124, 1144 or 1155, 1147, 1165

### A.S. Computer Security Systems

(Queens) (60 Credit Hours)

*(Day and Evening sessions)*

Candidates are required to complete 60 semester hours of credit of a prescribed program of study with a minimum cumulative quality point index of 2.0 for all courses and for all courses in the major area. The curriculum includes required courses in the liberal arts and sciences, computer science, networking and telecommunications, computer security systems and elective courses.

#### Major Area Requirements

CUS 1113, 1114, NET 1001, CSS 1005, 1011, 1012

### A.S. Criminal Justice

(Queens, Staten Island, Distance Learning)  
(60 Credit Hours)

*(Day and Evening/Weekend)*

Candidates are required to complete 60 semester hours of credit of a prescribed program of study with a minimum cumulative quality point index of 2.0 for all courses and for the major area. Graduates of the New York City Police Department may be awarded credit for field training.

#### Major Area Requirements

CRJ 2000; 2001; 2002; 2003; 2004 and three credits chosen from the additional criminal justice offerings.

### A.S. Information Technology

(Queens) (60 Credit Hours)

*(Day and Evening Sessions)*

Candidates are required to complete 60 semester hours of credit of a prescribed program of study with a minimum cumulative quality point index of 2.0 for all courses and for all courses in the major area. The curriculum includes required courses in the liberal arts and sciences, computer science, networking and telecommunications and elective courses.

#### Major Area Requirements

CUS 1103; 1104; 1113; 1114; NET 1001 and 3 additional credits from CUS 1124, 1147, 1165, 1172

### A.S. Legal Studies

ABA Approved (Queens, Staten Island)

(60 Credit Hours)

*(Day and Evening/Weekend)*

Candidates are required to complete 60 semester hours of credit of a prescribed program of study with a minimum cumulative quality point index of 2.0 for all courses and for the major area. The curriculum includes required courses in the liberal arts and sciences and the major area and elective courses. Paralegals may not provide legal services to the public except as permitted by law.

#### Major Area Requirements

LES 1100, 1101, 1102, 1015; CUS 1107; 6 semester hours chosen from legal specialty courses:  
LES 1003, 1004, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1016, 1017, 1018, 1019, 1020, 1021, 1023, 1024, 1025, 1026, 1030 or CRJ 3112.

## A.S. Networking and Telecommunications (Queens)

### (60 Credit Hours)

(Day and Evening)

Candidates are required to complete 60 semester hours of credit of a prescribed program of study with a minimum cumulative quality point index of 2.0 for all courses and for all courses in the major area. The curriculum includes required courses in the liberal arts and sciences, computer science, computer security, networking and telecommunication and elective courses.

### Major Area Requirements

CUS 1113; 1114; CSS 1005, NET 1001, 1011, 1015

## A.S. Television and Film Studies (Queens, Staten Island) (60 Credit Hours)

(Day and Evening)

Candidates are required to complete 60 semester hours of credit of prescribed program or study with a minimum cumulative quality point index of 2.0 for all courses and for all courses in the major area. The curriculum includes required and elective courses in liberal arts and sciences and communication arts courses.

### Major Area Requirements: Communications (21)

CAS 1101

nine semester hours taken from production courses: CAS 1201, 1210, 1211, 1212, 1213, 1214, 1215, 1220, 1221, 1223, 1224.

nine semester hours taken from writing, industry practices and history: CAS 1310, 1320, 1321, 1410, 1411, 1420, 1421, 1510, 1511, 1520, 1521, 1522, 1523, 1524, 1525, 1526.

## Minor Areas of Study

The following guidelines for minors have been approved by the College of Professional Studies Faculty Council:

- Minors are available only to students enrolled in baccalaureate programs.
- Students may choose from any of the undergraduate units of the University any available minor program that is clearly differentiated from their major area of concentration.
- New freshmen may declare a minor after the completion of two semesters of college. Transfer students may declare a minor after the completion of one semester at St. John's University.
- Students must have the written permission of the Dean.
- Only one three-credit course may be used for both a major and minor provided that the minor sequence has at least 18 credits.

For minors with fewer than 18 credits, no overlap is possible.

- The Pass-Fail option is not available in the fulfillment of minor requirements.
- The successful completion of a minor (with a minimum index of 2.0) is noted on the student's transcript.

### Advertising

18 credits including MKT 1001, ADV 2100, ADV 2500, ADV 3400, plus 6 credits chosen from: Account Management and Media Planning and Buying Tracks—ADV 3401, 3402, 4601 or Creative Track—COM 2290, ADV 2301, 3200, 3301, 4600

### Business

18 credit hours including ACC 1007, 1013 or ACC 1008; BLW 1001 or 1005; MGT 1001, 1003; MKT 1001

### Business Law

15 credits including BLW 1001, 1005 and 9 credits in electives from BLW 1015, 1020, 1030, REM 1003, 1013. 3 credits in electives can be chosen from CRJ 3112, SEC 1002, COM 2404, JOU 1402, HSA 1011, HSA 1038, SPM 1010, HMT 1007, NET 1021. NOTE: THERE IS NO OVERLAP BETWEEN MAJOR AND MINOR.

### Computer Science

18 credit hours including CUS 1113, 1114, 1122 or 1123, 1124, 1144 or 1155, 1147, 1165

### Computer Security Systems

18 credit hours including CUS 1113, 1114; NET 1001; CSS 1005, 1011, 1012

### Correctional Counseling

18 credits chosen from CRJ 2000, 2001, 2004, 3105, 3120, 3121, 5003, 5201; PSY 1003, 1005, 1007, 1008

### Court Administration

18 credits including CRJ 2003 and 15 credits chosen from CRJ 2000, 3112, 3114, 3116, 3120, 5002, 5200; CUS 1101; LES 1004; MGT 1001

### Criminalistics

18 credits including CRJ 1075, 2000, 3103, 5066, 5203, and three credits chosen from CRJ 3101, 3106, 4102

### Criminal Justice

18 credit hours including CRJ 2000 and 2001 and 12 credits chosen from CRJ 2002, 2004, 3003, 3100, 3101, 3102, 3105, 3106, 3107, 3113, 3114, 3116

## Cyber Forensics

18 credit hours: CFR 1001, 1002, 1005; CRJ 2006, 3117, 3118

## Event Management

18 credit including HMT 1000 or 1005; HMT 1030 or MGT 1001; HMT 1061 and 9 credits chosen from: HMT 1000, 1003, 1005, 1025, 1030, 1050, 1065, 1070, 1071, 1073. (Any HMT course can be taken once student has completed MGT 1001.)

## Film Studies

18 credits including TVF 1200 & 1400 plus 12 credits from the following (at least 9 credits must be taken from CPS courses): TVF 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511 TVF 2201, 2302, 2303, 3220, 3303, 3404, 3405, 4205 COM 2500, ENG 1058, ART 1810, 1820, 1830, 1840, MUS 1240

## Food Service Management

18 credits including 1003; 1020; 1030 or MGT 1001; and 9 credits from HMT 1000, 1004, 1022, 1025, 1030, 1035, 1040. (Any HMT course can be taken once student has completed MGT 1001.)

## Forensics

18 credits including 6 credits chosen from CRJ 2000, 2001, 2002 and 12 credits chosen from CRJ 2007, 3102, 3103, 3109, 3110, 3116, 3117, 3118, 4102, 5006, 5203, CSS 1001

## Forensic Psychology

18 credits including 6 credits chose from: CRJ 2000, 2001, 2002 and 12 chosen credits from 3004, 3005, 3006, 3007, 3101, 3102, 3103, 3106, 3105, 3108, 3116, 3117, 4102, 5000, 5102, CSS 1001

## Health Services

18 credits including HSA 1002. 1005, 1100 plus 9 credits chosen from: HSA 1003, 1011, 1012, 1020, 1101.

## Homeland and Corporate Security

18 credits including HSC 1001, 1003, 1004, 1007 plus 6 additional credits chosen from HSC 1002, 1006, 1009, 1010, 1012, 1013, 1014, 1015, 1017, CRJ 3101, 3107, 3108, 3112, 3116, CSS 1001, CUS 1106.

## Human Services

18 credits including HSC 1020, 1060, 1071, 1074, 1072 (or 1100) and 1073 (or 1102)

## Information Technology

18 credit hours including CUS 1103, 1104, 1113, 1114; NET 1001 and 3 credits chosen from CUS 1124, 1147, 1165, 1172

## International Communications

Non-Study Abroad Option: MCC 1000, COM 3101, COM 3102, 6 credits in foreign language and 3 credits from each list:  
LIST I: GOV: 2650, 2660, 2690, 3630, 3710/  
ASC 2710, GOV 3720/ASC 2710, 3820  
LIST II: ASC 1230 or ASC 1250  
LIST III: GEO 1001, ENG 1069, TVF 1508

**Study Abroad Option:** MCC 1000, COM 3101, GOV 1610, 3 credits chosen from COM 3102\*, 7001, 7002, 6 credits in a foreign language, 6 credits taken with the Study Abroad Program. An Internship abroad is available to those with excellent foreign language skills.

*\* Students opting to do a semester in Rome are advised to complete MCC 1000, COM 3102 and 6 credits in language before departure and COM 3101A and GOV 1610A as part of their Rome semester.*

## International Studies

18 credit hours to be satisfied through completion of any combination of the following:

- Courses offered by St. John's which are based outside the U.S. such as Study Abroad courses
- Courses that have an international and/or comparative focus as their primary area of study. (HIS 1000C and ENG 1100C CANNOT be used for the minor)
- A maximum of two courses at St. John's in a foreign language

## Journalism

18 credit hours including JOU 1000 (or MCC 1000), JOU 2300, (or COM 2301), JOU 1402 or JOU 1500 and 9 credits of JOU courses.

## Legal Studies

18 credits including LES 1101, 1101 and 1102 and 6 credits selected from the following: CUS 1107, CRJ 3112, or any LES elective except LES 1005, 1006, 1022

## Lodging Management

18 credits from HMT 1000; 1001; 1030 or MGT 1001: and 9 credits from HMT 1002, 1045, 1055, 1065, 1072, 1074. (Any HMT course can be taken once student has completed MGT 1001.)

## Mass Communications

18 credit hours including MCC 1000 and 15 credits chosen from offerings in mass communications, advertising, communications, journalism, public relations and television and film.

## Mathematics

(Designed for students in the CUS major.)

A minor in Mathematics is a 30-credit minor that requires 12 credits to be chosen from Mathematics courses numbered MTH 1009 or above, (except MTH 1021) in addition to the core Mathematics requirement. MTH 1011 is required.

## Media Graphics

COM 2290 (or FNA Electronic Media) plus 15 credits chosen from the following (at least 12 credits must be taken from College of Professional Studies courses): COM 3292, 3294, 3295, ART 1105, 1110, 1130, 1290, 1215.

## Media Management and Finance

18 credit hours including MGT 1003, plus five additional courses from the following (at least four courses to be taken from College of Professional Studies courses): CAS 1410, 1421, 1430, 1460, 1463, 1464, 1470, 1471, 1472, 1473, 1474; JOU 1009; ECO 4340, 3311

## Medical Office Systems

18 credit hours including CUS 1102, HCI 1002, 1011, 1012; HSA majors take HSA 1038, 1042; Non-HSA majors take HSA 1100, 1101.

## Multicultural and Ethnic Studies

Students may choose a program of courses to either support a broadly based minor in the comparative study of multiculturalism and ethnicity or in one particular area of multicultural and ethnic studies. Areas of possible specialization include Asian-American Studies, African-American Studies, Eastern and Western European Studies, East Asian Studies, Latin American, Caribbean Area Studies, Near Eastern Studies and other specializations. The minor utilizes interdepartmental support to provide a great degree of flexibility and choice to interested students. Any list of courses available depends on the particular area of study which may be selected by a student. Accordingly, interested students should arrange to meet with the Director or the Assistant Director of Multicultural and Ethnic Studies, College of Professional Studies. Completion of the minor requires 18 credit hours to be satisfied through a combination of the following:

1. A minimum of six credits in the area of literature of multicultural and ethnic groups.
2. A minimum of six credits in the area of history of multicultural and ethnic groups.
3. A minimum of six credits in the areas of government and politics and sociology of multicultural and ethnic groups.

## Networking and Telecommunications

18 credit hours including CUS 1113, 1114, CSS 1005, NET 1001, 1011, 1015

## Public Relations

18 credit hours including ADV 2301, PRL 2100, 2301, 3400, 4600, and 3 credits from COM 2209, COM 2290 or COM 2301

## Sport Management

18 credit hours including SPM 1001 plus 15 credits chosen from SPM 1003, 1004, 1006, 1007, 1008, 1009, 1010, 1012, 1014, 1018, 1022, 1032

## Television Studies

18 credits including TVF 1200 & 2220 plus 12 credits selected from: TVF 1501, 1502, 2201, 2202, 2301, 2302, 2303, 2402 TVF 3200, 3202, 3204, 3303, 4200, 4205 COM 2401, 2500

## Tourism Management

18 credits including HMT 1005; (1030 or MGT 1001); (1070 or 1071); and 9 credits from HMT 1000, 1061, 1073, 1074, 2001A (Any HMT course can be taken once student has completed MGT 1001.)

## Women's Studies

18 credits including SOC 1005 and 1006, 18 credits from BIO 1015, CRJ 3003, ENG 1068, HIS 1035, PSY 1022, PSY 1023, THE 1052 and MGT 1025

Some of the minors may require completion of additional credits, beyond the minimum necessary for the degree. For additional information, please check the respective degree listing for total and elective total credit numbers and the credit totals above. Students must complete minor area courses with a minimum cumulative index of 2.0.

## Divisions of the College of Professional Studies

### Administration and Economics

**Almerinda Forte**, Ph.D., *Chair, Administration and Economics*

### Computer Science, Mathematics and Science

**Ronald Fechter**, Ph.D., *Chair, Computer Science, Mathematics and Science*

**Frank Servas, Jr.**, MPhil. *Director of Student Advisement and Program Review*

**Larry Stouder**, M.B.A., *Director of the CISCO Academy*

### Criminal Justice and Legal Studies

**Keith Carrington**, Ph.D., *Chair, Criminal Justice Program and Legal Studies*

**Antoinette Collarini Schlossberg**, Ph.D., *Director of Undergraduate Criminal Justice Program*

**Bernard Helldorfer**, J.D., *Director of the Legal Studies Program*

**Ralph Porzio**, J.D., *Director of Undergraduate and Graduate Criminal Justice, (SI)*

### English and Speech

**Thomas M. Kitts**, Ph.D., *Chair, English and Speech*

### Hospitality, Tourism, and Sport Management

**Glenn Gerstner**, M.B.A., *Chair, Hospitality, Tourism and Sport Management, Director of the Graduate Sport Management Program.*

**Harold Merritt**, Ed.D., *Director of the Undergraduate Sport Management Program*

**Heidi Sung**, *Director of the Hospitality Management Program*

### Humanities

**May A. Webber**, Ph.D., *Chair, Humanities*

### General and Liberal Studies

**Jack P. Franzetti**, Ph.D., *Director of the Liberal Arts Program*

### Mass Communications, Journalism and Television and Film

**Alla Baeva**, M.F.A., *Director of the Communications Arts Program*

**Frank Brady**, Ph.D., *Chair, Mass Communication, Journalism and Television, Film Studies*

**Thomas Caputi**, M.S., *Director of the TV and Film Studies Program*

**Judith Cramer**, Ph.D., *Director of the Journalism Program*

**John DiMarco**, Ph.D., *Director of the Public Relations Program*

**Deborah Greh**, Ed.D., *Director of the Communication Arts Program (SI)*

**Thom McCarthy**, M.B.A., *Director of the Advertising Communications Program*

### Social Sciences

**Joseph Trumino**, Ph.D., *Chair, Social Sciences*

**Joan Tropnos**, Ph.D., *Director of the Human Services Program*

## Course Offerings

All course credits are listed in semester hours. Courses are listed and described in alphabetical order by subject. Students enrolled in College of Professional Studies may also select elective courses from among the course offerings of the other colleges of the University. Those enrolled at the Staten Island campus, please note the Staten Island course equivalent following many of the course descriptions. For additional information, please consult with the advisors in the College of Professional Studies office.

### Accounting (ACC)

(Queens, Staten Island)

#### 1007 Fundamentals of Accounting I

An introductory course in the principles and theory of accounting. The accounting equation and the accounting cycle are studied, including the design and preparation of books of accounts and construction of financial statements. *Fee \$25. Credit: 3 semester hours. (3-hour lecture; 1-hour weekly Problem Analysis Workshop)*

#### 1008 Fundamentals of Accounting II (Designed primarily for Accounting majors)

*Prerequisite:* ACC 1007. Accounting for partnerships and corporate forms of business organizations are emphasized. Among the topics discussed are: introduction to cost accounting, budgeting and managerial concepts, specialized accounts statements and funds flow analysis. *Fee \$25. Credit: 3 semester hours. (3-hour lecture; 1-hour Weekly Problem Analysis Workshop).*

#### 1009 Intermediate Accounting I

*Prerequisite:* ACC 1008. An introduction to the use of accounting in the control and reporting of business operations. Basic accounting postulates are examined, and the principles applicable to assets and liabilities are explored. *Fee \$25. Credit: 4 semester hours. (1-hour weekly Problem Analysis Workshop).*

#### 1010 Intermediate Accounting II

*Prerequisite:* ACC 1009. Financial statements as a means of communicating necessary information to stockholders, creditors and others interested in the status of the business enterprise; the accounting treatment of assets, liabilities and equity are examined in depth. Special statements, ratios and price level accounting are covered. *Fee \$25.*

*Credit: 4 semester hours. Weekly Problem Analysis Workshop.*

### 1013 Fundamentals of Accounting II (Non-Accounting majors)

*Prerequisite:* ACC 1007. An overview of accounting's role in controlling and financing business operations with emphasis on the modern-day corporation. *Credit: 3 semester hours. (3-hour lecture)*

### 1020 World Accounting

*Prerequisite:* ACC 1007. Examines the accounting standards of the most important trading partners of the U.S., including a detailed analysis of unique practices in each of the different countries. Financial reporting objectives and authoritative standard setting bodies in different countries are discussed. *Credit: 3 semester hours.*

## Administration

### 2000 How the Other Side Lives—The Issues and Problems of Daily Life in Hungary

Students have a chance to live and study abroad and learn some of the daily problems faced by Hungarians. The course shows and analyzes the difficulties Hungarian society faces as it moves towards democracy. Difficulties and obstacles faced by society, the government and commercial enterprises are also discussed. *Open to all St. John's University students. No prerequisites. Free elective. Credit: 3 semester hours.*

## Administrative Studies (ADS)

(Queens, Staten Island, Distance Learning)

### 2000 Leadership Development

An interactive exploration of personal leadership development involving active learning on the part of each student as an essential component of this course. The course will examine a broad range of areas associated with effective leadership, including leadership language, theory and style. *Credit: 3 semester hours.*

### 3000 Internship in Administrative Studies

*Prerequisites:* Permission of the Director/Chair, completion of at least one Business course, one Technology course, and two Social Science courses. Must be a Junior or Senior, and have a minimum GPA of 2.5. *Credit: 3 semester hours.*

## Advertising Communication (ADV)

(Queens)

### 2100 Introduction to Advertising Communication

*Prerequisite:* MKT 1001. Advertising on the national and local levels is covered in depth. Topics include defining advertising objectives, media's influence on consumer choice, selection, evaluation and development of criteria for advertising. *Credit: 3 semester hours.*



### **2301 Advertising Copywriting I**

This course is a workshop in how to create the copy for print and television commercials, and to help students produce a portfolio of their work to be shown when looking for a job in advertising. *Credit: 3 semester hours.*

### **2500 History of Advertising**

A survey course on how advertising has progressed from its early times up to the effectiveness of Super Bowl commercials. *Credit: 3 semester hours.*

### **3200 Advertising Production**

This course engages students to explore and collectively solve an applied advertising problem culminating with entry in the American Advertising Foundation national student advertising competition. Students learn fundamental creative concepts and digital design production techniques for print, web, and broadcast with the goals of conceptualizing, designing and producing a professional 32-page booklet illustrating a national advertising campaign within a real agency case study competition. *Credit: 3 semester hours.*

### **3301 Advertising Copywriting II**

*Prerequisite:* ADV 2301. This course is a continuing workshop on how to create the copy for print and television commercials. It is designed to help the students work on their portfolio which they need to get creative jobs an advertising agency *Credit: 3 semester hours.*

### **3400 Integrated Advertising Communication**

*Prerequisite:* MKT 1001. The nature, structure and operation of marketing systems as applied to the communications industry are covered. Recent trends and policies in the communications field are also covered. *Credit: 3 semester hours.*

### **3401 Media Planning and Buying**

*Prerequisite:* ADV 3400. To provide students with the basic skills in media planning and buying. Students learn how to select which media are best suited to an advertiser's message and how to prepare a media plan. *Credit: 3 semester hours.*

### **3402 The Broadcast Representative's Role in Radio and Television Sales**

*Prerequisite:* MKT 1001. Discusses the broadcast representative's role in place radio and television ads. Topics include research, marketing, computer applications, programming, and contractual relationships. *Credit: 3 semester hours.*

### **4600 Advertising Portfolio**

Students are provided with an opportunity to develop a digitally designed, print-based portfolio book, a multimedia-based web portfolio, and/or a broadcast reel. Final grading is assessed on completion of an effective portfolio(s) that meets advertising industry standards. Students are free to use a variety

of digital tools to create their advertising portfolios. *Open to juniors and seniors only. (Cf: PRL 4601) Credit: 3 semester hours.*

### **4601 Seminar in Advertising Communication**

*Prerequisite:* MKT 1001. An overview covering the three basic aspects of advertising: how to create ads that sell; how to market products to the public; and: the proper use of media to promote products. Students write creative strategies and copy, learn visual techniques and prepare draft layouts. *Credit: 3 semester hours.*

### **5001 Advertising Internship**

*Prerequisite:* Permission of the Director. An off-campus experience with a professional advertising organization. *Open to juniors and seniors only. Credit: 3 semester hours.*

### **5002 Advertising Internship**

*Prerequisite:* Permission of the Director. An off-campus experience with a professional advertising organization. *Open to juniors and seniors only. Credit: 3 semester hours.*

### **5003 Advertising Internship**

*Prerequisite:* Permission of the Director. An off campus experience with a professional advertising organization. *Open to juniors and seniors only. Credit: 3 semester hours.*

### **5004 Advertising Internship**

*Prerequisite:* Permission of the Director. An off-campus experience with a professional advertising organization. *Open to juniors and seniors only. Credit: 3 semester hours.*

## **Biology (BIO) (Queens)**

### **1002 Principles of Biology**

Introduction to biological principles with an emphasis on understanding the cell, genetics and physiology. The course is designed for students whose career objectives are not in the physical or natural sciences. *Credit: 3 semester hours. BIO 1050 (SI)*

### **1004 Topics in Health**

A survey of present-day health problems including nutrition, exercise, heart disease, cancer and the aging process. The emphasis is on recent research and its implications for students in their daily lives. The basic biological principles underlying these topics are stressed. *Credit: 3 semester hours. BIO 1050 (SI)*

### **1005 Biological Aspects of Anti-Social Behavior**

*Prerequisite:* BIO 1002 or 1004. A biology course designed for the criminal justice student. The course deals with the physiological aspects of deviant behavior and of drug addiction and alcoholism. *Credit: 3 semester hours.*

### **1007 Health for Women and Men**

The course deals with reproductive anatomy and physiology, with an emphasis on gender differences; health, nutrition and fitness issues are stressed. *Credit: 3 semester hours. Free elective only.*

### **1008 Anatomy and Physiology**

An introduction to the anatomy and physiology of the human body. The major systems of the body will be studied, emphasizing structures, functions, and mechanisms. Topics will be supplemented with clinical information and terminology relevant to the healthcare profession. *Credit: 3 semester hours.*

### **1011 The Physiology of Exercise**

This course includes a discussion of the physiology of contraction of striated, smooth and cardiac muscles, factors in exercise and the effects of training on muscles. *Credit: 3 semester hours.*

### **1012 Issues in Biology**

This course is designed to give the student an understanding of the process of science in terms of basic biological concepts. *No prerequisites. Primarily for communication arts and journalism majors. Credit: 3 semester hours.*

### **1014 Ecological and Environmental Studies**

This course studies different levels of ecological organization including population, community, ecosystem and biosphere. Emphasis is placed upon current environmental concerns. *No prerequisites. Credit: 3 semester hours.*

### **1015 Women in Biology**

This course examines the contributions women have made historically, as well as those they are currently making, to the field of biology. *No prerequisites. Credit: 3 semester hours.*

### **1030 Biology for Elementary Teachers**

This course reviews important topics in biology relevant for elementary education majors. A main objective is to provide a foundation of subject matter that enables students to become scientifically literate. *Open only to The School of Education students. Credit: 3 semester hours.*

## **Business Law (BLW) (Queens, Staten Island)**

### **1001 Law and Business**

A study of the United States legal system emphasizing its origins, development, and operation and a survey of the substantive law of contracts, torts, and crimes as well as procedural law (with emphasis on civil procedure), with applications in the business environment. *Credit: 3 semester hours.*

### **1005 Topics of Business Law**

*This course replaces the former BLW 1002.* A brief study of the United States legal system and, in-depth study of selected substantive business law subjects such as legal entities employed in commerce (corporations, partnerships, etc.), agency, property (real and personal), bailments, and sales. *Credit: 3 semester hours.*

**1015 Legal Environment of the Workplace**

*Prerequisite:* BLW 1001 or BLW 1005. An examination of the legal environment of Human Resources, including federal and state laws that establish the rights and responsibilities of employers and employees. It aims at improving students' abilities to prevent, analyze, and resolve employment-related problems in the workplace through a study of various topics, including at-will employment, discrimination, harassment, privacy, fair labor standards, and collective bargaining. *Credit: 3 semester hours.*

**1020 International Business Law**

*Prerequisite:* BLW 1001 or BLW 1005. A survey of U.S. and foreign laws governing international business transactions. Antitrust and other trade regulation laws, foreign exchange and investment restrictions, tax and corporate laws relevant to the location of an enterprise, licensing requirements and international treaties affecting commercial transactions are considered. *Credit: 3 semester hours.*

**1026 Moot Court**

*Prerequisite:* Any law course. The preparation of a case for trial, including basic research of the legal issues, gathering and analyzing the evidence and examination of witnesses. Presentation of the case in an actual trial setting in the fictitious state of MOOT, with members of the faculty acting as judges. Emphasis on basic research skills, analytical thinking and preparation of arguments, and oral presentation of the case. Students interchange roles as parties, advocates, jurors and witnesses. *This course is not open to A.S. business students. (Cf.: LES 1040)* *Credit: 3 semester hours. Free elective only. Intersession and pre-session only.*

**1030 Business Litigation – Small Claims**

Study of resolution of small business disputes in the judicial system and by alternative dispute resolution processes. Special emphasis will be given to mediation, arbitration, and small-claims court process. Disputes typically encountered by small businesses will be analyzed from attempts to settle through collection. Mock proceedings will be conducted examining typical procedural and substantive issues arising in small-claims disputes. Basic legal concepts with which everyone should be familiar will be reviewed. *Credit: 3 semester hours.*

**1040 Inside the Courts of New York**

This course is designed to provide students with a view inside civil and criminal trial and appellate courts in the State of New York. Following lectures on litigation and the court system, students will observe trials and other proceedings in federal and state courts in the metropolitan area, including some or all of United States District Court, New York State Supreme Court, Surrogate's Court, Family Court, County Court, New York City Civil and

Criminal Courts, and Nassau County District Court. *Credit: 3 semester hours. Free elective only. Intersession and pre-session only.*

**Chemistry (CHE)****(Queens)****1001 Topics in Chemistry**

This course is designed to provide the student who is not a science major with an introduction to the fundamentals of chemistry. *Credit: 3 semester hours.*

**The College Experience (COLL)****(Queens)****101 The College Experience**

Assists first-year students in their orientation and adjustment to college life. Providing a foundation for college success through skill acquisition and the introduction of University resources, the course focuses on both academic and personal developments. *Credit: 1 semester hour.*

**Communications (COM)****(Queens, Staten Island)****1100 Career Horizons**

Students explore personal and career goals, discover primary and alternate career options, learn how to find and apply for job opportunities, and examine successful on-the-job techniques. Required during sophomore year. *Credit: 1 semester hour.*

**2201 Introduction to Broadcasting and Announcing**

*Prerequisite:* SPE 1000C. An introduction to the radio environment and radio broadcaster's role. Students acquire skills in analysis, interpretation and communications in a variety of announcing projects. Laboratory fee: \$30. *Credit: 3 semester hours.*

**2204 Sports Broadcasting**

*Prerequisite:* SPE 1000C. Techniques utilized in the preparation of play-by-play descriptions and analysis of sports are covered. Students learn to prepare and broadcast sports programs, and write copy as well. Laboratory fee: \$30. *Credit: 3 semester hours.*

**2209 Survey of Television Production**

A general overview of the TV production process: studio and field, editing, graphics and performance. Designed both for noncommunication and communication majors who do not intend to progress to more advanced television classes. *(Not open to TVF majors)* *Credit: 3 semester hours.*

**2280 Introduction to Motion Picture Graphics and Animation**

An introduction to designing two-dimensional, motion graphics for television and film. Included will be the examination of thematic elements in a visual narrative, identifying good composition as it relates to motion design and maintaining conceptual continuity. Skills learned will be in the use of the most current software. *Credit: 3 semester hours.*

**2290 Fundamentals of Media Graphics**

An introduction to the use of computers in the creation and manipulation of graphic imagery. Covers graphics software, input devices and the use of computer-generated visuals in the media. *Laboratory fee: \$30. Credit: 3 semester hours.*

**2301 Journalism (Print Media)**

*Prerequisite:* ENG 1000C and ENG 1100C. The techniques of gathering, evaluating and writing news for the print media. Applications include writing and editing of news, headline writing and page make-up planning. *Credit: 3 semester hours.*

**2303 Writing for Broadcast Journalism**

*Prerequisite:* ENG 1000C and ENG 1100C and MCC 1000 or JCU 1000. An introductory course covering the techniques of gathering, evaluating and writing the news for the electronic media. Students learn how to research, write, edit and organize broadcast news stories. *Credit: 3 semester hours.*

**2401 New Media**

*Prerequisite:* MCC 1000. An examination of the electronic and digital technologies of mass media. Topics include the technological background of cable, satellites, computers, fiber optics, digital television. *Credit: 3 semester hours.*

**2402 The Business of Radio**

*Prerequisite:* MCC 1000. The commercial and public aspects of radio broadcasting, including ratings, research, selling, advertising/underwriting promotion, public relations, and technical operations. *Credit: 3 semester hours.*

**2403 Management in Communications**

*Prerequisite:* MGT 1001. The major functions of management as applied to the communications industry. Topics include planning, organizing, and controlling the communications business enterprise. *Credit: 3 semester hours.*

**2404 Law of Public Communication**

*Prerequisite:* BLW 1001. A survey of contract law and the role of government regulation relating to the communications industry. *Credit: 3 semester hours.*

**2405 Ethical Values for Communications**

*Prerequisite:* MCC 1000. The ethical concepts and problems involved in print media, radio, television, film, theater and advertising. *Credit: 3 semester hours.*

### **2406 Magazine Journalism**

*Prerequisite:* ENG 1000C and ENG 1100C. An examination of the techniques of magazine publishing with emphasis on writing, editing, production and design. Students write news articles, features and reviews. (Cf.: JOU 1400.) *Credit 3: semester hours.*

### **2500 Visual Aesthetics**

An examination of visual design basics and forms in general and in particular, of theories of visual art and of critical approaches and applications to the visual arts. *Credit: 3 semester hours.*

### **2570 Video Games and Gaming**

An overview of the history and genres of video games, and of the video game industry, critical analysis and evaluation of the content of games and the social and emotional aspects of gaming. Attention will be given to the social and ethical implications of human-computer interactions. *Credit: 3 semester hours.*

### **2600 Seminar in Communications Research**

*Prerequisite:* MCC 1000. Introduction into the nature of marketing and communications research covering the use of data, and the tabulation and analysis of results. *Credit: 3 semester hours.*

### **3101 International Communications: Europe**

*Prerequisite:* Juniors and seniors only. An examination of the historical, structural and political aspects of the communications industries throughout Europe, the Near East, Africa, Latin and South America. *Credit: 3 semester hours.*

### **3102 International Communications: Asia**

*Prerequisite:* Juniors and seniors only. A survey course covering aspects of Asian and Asian-American cultures and their communications industries. *Credit: 3 semester hours.*

### **3202 Radio Production Workshop**

*Prerequisite:* SPE 1000C and COM 2201. Training in the production of radio programs, commercials and spot announcements. Students learn about writing, producing, editing, sound effects, musical bridges and background music. *Laboratory fee: \$30. Credit: 3 semester hours.*

### **3281 Motion Graphics I**

*Prerequisite:* COM 2280. Students design, create and manipulate video images on a variety of computer systems. The principles and procedures of electronic graphics used in television and film are covered. *Credit: 3 semester hours.*

### **3283 Animation I**

*Prerequisite:* COM 2280. Students learn fundamentals of 2d animation, content development in animation and new design concepts utilizing current animation software. *Credit: 3 semester hours.*

### **3284 3-D Animation**

*Prerequisite:* COM 3283. Covers basic areas of three dimensional modeling, digital animation, nurbs, polygons, lighting, texturing and rendering. Students will create three dimensional animations focusing on entertainment and corporate projects scenarios. *Credit: 3 semester hours.*

### **3292 Publication Graphics**

*Prerequisite:* COM 2290. A course in desktop publishing for journalism majors and public relations students. The course explores the integration of writing, design and the visual elements of brochures, newsletters and magazines. Cf.: CUS 1104, and COM 3292. *Fee: \$30. Credit: 3 semester hours.*

### **3294 Web Design and Development**

This course will focus on design strategies developers must consider when creating websites. Topics will include the use of text, color and graphics as they apply to the creation of quality and effective websites. *Credit: 3 semester hours.*

### **3295 Advanced Graphics**

*Prerequisite:* COM 3281. Students will explore various methods of manipulating imagery and moving images, from traditional cell animation, to clay-mation techniques to the newest morphing techniques. *Credit: 3 semester hours.*

### **3296 Multimedia Screen Design**

*Prerequisite:* COM 2290 or CUS 1102. An introduction to the design and layout of projects and presentations using computers, including the study of color theory and typography. Included is the study of presentations on the computer, titles for video and film, multimedia and interactive CD-ROM screen design, the Internet and preliminary designing of a Web page. *Fee: \$30. Credit: 3 semester hours.*

### **3302 Broadcast Journalism: Radio**

*Prerequisite:* ENG 1100C, COM 2303 (or JOU 3301) and SPE 1000C. Students gather, write and tape their own radio news stories and programs. Projects include: radio stories, newscasts, radio editorials, and radio documentaries. (Cf.: JOU 3312.) *Laboratory fee: \$30. Credit: 3 semester hours.*

### **3303 Broadcast Journalism: Television**

*Prerequisite:* COM 2303. An advanced course in television journalism. Students pursue topics in TV journalism and produce their own television news programming. *Laboratory fee \$30. (Cf.: JOU 3313.) Credits: 3 semester hours.*

### **4281 Motion Graphics II**

*Prerequisite:* COM 3281. Covering the concepts and techniques of compositing and integration, this course will enable students to assemble media content elements using advanced motion graphics techniques: rotoscoping, tracking, morphing, texturizing and others. *Credit: 3 semester hours.*

### **4600 Individual Research: Topic in Communication**

*Prerequisite:* *Permission of the Chair.* Individualized independent study. Under the guidance of a faculty member, students pursue an in-depth study of the communications field or participate in a communications production project. *Credit: 1, 2 and 3 semester hours.*

### **4601 Current Issues in Communications**

*Prerequisite:* Juniors or seniors who have completed a minimum of 18 credit hours of CAS, have a cumulative GPA of 3.0 or higher and the permission of the Director or the Chair of the Division of Communications, Journalism and Media Studies. An examination of prevailing issues of importance in communications. Specific topics vary and are based on current industry concerns. *Credit: 3 semester hours.*

### **4701, 4702, 4703 WSJU Radio Practicum**

*Prerequisite:* *Permission of the Faculty Moderator.* Active members of the campus radio station, WSJU, develop their own radio project under the guidance of the station moderator. *Credit: 1, 2 and 3 semester hours.*

### **5001 Communications Internship**

*Prerequisite:* *Permission of the Director.* An off campus experience with a professional communications organization. Open to juniors and seniors only. *Credit: 3 semester hours.*

### **5002 Communications Internship**

*Prerequisite:* *Permission of the Director.* An off campus experience with a professional communications organization. *Open to juniors and seniors only. Credit: 3 semester hours.*

### **5003 Communications Internship**

*Prerequisite:* *Permission of the Director.* An off campus experience with a professional communications organization. *Open to juniors and seniors only. Credit: 3 semester hours.*

### **5004 Communications Internship**

*Prerequisite:* *Permission of the Director.* An off campus experience with a professional communications organization. Open to juniors and seniors only. *Credit: 3 semester hours.*

### **7000 Communications in New York**

Through field trips, this course explores media in NYC, including the newspapers, magazines, radio and TV stations; advertising and public relations agencies; and film studios. *Credit: 3 semester hours. Free elective credit only. Laboratory fee: \$60. Intersession.*

### **7002 Mass Media in Russia**

This study abroad course examines history, politics, structure, business and content of mass communication and media industries in Russia. During the course, students will contrast and compare mass media in the former Soviet Union and in the present Russian Federation with that of the United States. *Credit: 3 semester hours.*

## Computer Science (CUS) (Queens)

### 1101 Introduction to Computer Programming

Basic principles and operations of a computer system. The Visual Basic programming language; data representation; input/output; structured program design. (Not open to computer science or electronic data processing Majors). Credit: 3 semester hours. CSC 1000 (SI)

### 1102 Software Applications

Investigation of the computer as a tool; computer concepts and the use of productivity software; using a word processor; creating and using electronic spreadsheets; databases and database management systems. (Not open to students who have completed CUS 1107 or 1165.) Credit: 3 semester hours.

### 1103 Spreadsheet and Database

Prerequisite: CUS 1102. Comprehensive analysis of electronic spreadsheet and database software, including concepts and applications. Credit: 3 semester hours.

### 1104 Presentation Graphics

Concepts and applications of presentation graphics packages; graphics capabilities of spreadsheets and databases; hypertext presentations; Computer Assisted Instruction; associated hardware concepts including image scanners, digital film recorders, laserdiscs, CD-ROMs, TV Center graphics equipment. Credit: 3 semester hours.

### 1106 Computer Security

Prerequisite: Three credits in CUS. Exploration of the vulnerability of EDP systems to criminal abuse and other breaches of security, accuracy and privacy; case studies of computer abuse; principles of access control, and physical security. Credit: 3 semester hours.

### 1107 Computer Applications in the Law Office

Prerequisite: LES 1001. Introduction to word processing and software applications used in the contemporary law office. Specific applications include drafting and editing documents, document and file management, use of data bases for litigation support, time accounting and billing, docket control, calendar management, forms generation and general ledger. Credit: 3 semester hours.

### 1109 Computer Science and Wall Street

Survey of computer science techniques that have a demonstrated value in the financial community for use in decision-making. Topics are drawn from artificial intelligence, operations research, econometrics and financial statement analysis. Credit: 3 semester hours.

### 1113 Computer Programming Fundamentals

Introduction to the use of the computer, hardware and software terminology and computer literacy; the use of operating systems; binary and hexadecimal number systems; integer and floating point data

representations; history of computing devices; introduction to the concepts of program planning and simple programming. Credit: 3 semester hours.

### 1114 Structured Programming Techniques

Prerequisite: CUS 1113. Introduction to structured programming concepts; the C++ programming language; data types; arrays, vectors, files, classes; branching, looping; functions; debugging. Credit: 3 semester hours.

### 1123 Microcomputer Assembler Language

Prerequisite: CUS 1114. This course examines the architecture and instruction sets of microprocessors. Topics include: instruction types; indexing; addressing; arithmetic operations; branching and control instructions. Credit: 3 semester hours.

### 1124 Introduction to Data Structures

Prerequisite: CUS 1114. Data and its representation; abstract data types; introduction to linked lists, stacks, and queues; introduction to recursion, pointers, dynamic variables, and classes. Credit: 3 semester hours.

### 1131 Business Data Management

Sequential file creation, processing and updating; data editing and report generation, sort and search routines; string processing, subprograms and table processing. Real-time business applications. Credit: 3 semester hours.

### 1144 Object-Oriented Programming

Prerequisite: CUS 1124. Introduces the student to the object-oriented programming paradigm and explores the features of the C++ language. Not open to students who have completed CUS 1152. Credit: 3 semester hours.

### 1145 Unix Operating System

Prerequisite: CUS 1124. Fundamentals of the UNIX operating system; managing files, redirecting, filtering and piping; Korn shell features; controlling processes, connections to network services. Credit: 3 semester hours.

### 1146 PERL Programming language

Prerequisite: CUS 1124. Microcomputer applications using PERL; use of PERL as a scripting language for the Common Gateway Interface (CGI) protocol. Credit: 3 semester hours.

### 1147 Business Driven Technology

Prerequisite: CUS 1124. Examination of how information technology enables organizations to conduct business in radically different and more effective ways. Discussion of the impact of business drivers on technology and on the achievement of business success; examination of the relationship between business initiatives and information; ways in which information technology enhances business decisions; the use of collaborative technologies to promote partnerships; and a survey of transformational technologies. Credit: 3 semester hours.

### 1148 Introduction to XML

Prerequisite: CUS 1114. A review of XML source documents, Document Type Definitions, XSD Schemas, XSLT (the presentation technology), XPATH, XML Web services (includes UDDI, WSDL Contracts, and DISC Advanced C#.NET Programming and Web Service). Credit: 3 semester hours

### 1151 Advanced Data Structures

Prerequisite: CUS 1155. Dynamic data structures: stacks, queues, tables, trees, graphs, priority queues, heaps and objects; searching techniques and sorting methods. Credit: 3 semester hours.

### 1153 Survey of Languages

Prerequisite: CUS 1124. Concepts and applications of the LISP programming language; language definition and structure; storage allocation; control. Credit: 3 semester hours.

### 1154 Event-Driven Programming

Prerequisite: CUS 1124. Fundamentals of event-driven programming and application development: user interface design; programming with objects; accessing data; working with graphics; programming with components. Credit: 3 semester hours.

### 1155 Java and World Wide Web Applications

Prerequisite: CUS 1124. Microcomputer applications using Java (J++); creation of static and dynamic applets, threads and events, the Java Abstract Windowing Toolkit. Credit: 3 semester hours.

### 1156 Advanced Java Programming

Prerequisite: CUS 1155. Creation of user-friendly Graphical User Interfaces (GUI); data screening techniques, the use of GUI-based applets and applications as front end tools; data base access through JDBC, Web server connectivity through Servlets; Java in a networking environment and its application to Remote Method Invocation. Credit: 3 semester hours.

### 1159 Advanced C#.NET Programming and Web Services

Prerequisite: CUS 1124. A review of the Microsoft.NET Framework 3.0; fundamentals of the C# programming language; an in-depth review of classes, data types, keywords, inheritance and polymorphism; operator overloading, struts and interfaces, object-oriented programming strings and regular expressions, exception handling, event-driven programming, and properties. Credit: 3 semester hours

### 1161 Logical Design

Prerequisite: CUS 1124. 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.

### **1162 Computer Architecture**

*Prerequisite:* CUS 1124. Hardware design of a computer system, register transfer, micro operations, timing and control, CPU organization, ALU design, I/O organization and interrupts, bus organization, memory organization, parallel, vector and pipeline processors, fault-tolerant systems, tessellated computers and case studies of non-conventional computer architectures. *Credit: 3 semester hours.*

### **1163 Operating Systems**

*Prerequisite:* CUS 1124. Aspects of operating systems; memory management and resource allocation; virtual memory, paging and segmentation; multiprogramming; scheduling; interrupt handling; thrashing, deadlock detection and prevention; cache memory. *Credit: 3 semester hours.*

### **1164 Compilers and Program Translation**

*Prerequisite:* CUS 1124. Compiler construction; symbol tables; lexical scanning, syntax analysis; memory allocation; object code generation; optimization techniques; interpreters. *Credit: 3 semester hours.*

### **1165 Database Management Systems**

*Prerequisite:* CUS 1124. Relational, hierarchical, and network database systems; file organization and access techniques; query and update languages; database security and integrity. *Credit: 3 semester hours.*

### **1166 Software Engineering**

*Prerequisite:* CUS 1124. Issues and techniques in the design and implementation of complex computer systems with emphasis on the software component. Topics include software project planning, software design principles, quality assurance and testing techniques. *Credit: 3 semester hours.*

### **1167 Systems Analysis**

*Prerequisite:* CUS 1124. Design and evaluation of systems. Topics include: information as a resource, types of information systems, systems development life cycle, economic aspects of systems selection and feedback control. *Credit: 3 semester hours.*

### **1168 Theory of Programming Languages**

*Prerequisite:* CUS 1124. The role of programming language in the software life cycle. Topics include data abstraction, binding time, activation stack, parameter passing mechanisms, strength of typing and type equivalence. *Credit: 3 semester hours.*

### **1169 Web Enabled Databases and ASP. NET**

*Prerequisite:* CUS 1165 or HCI 1021. An introduction to web enabled databases and web services programming utilizing the services of ASP.NET 2005, the .NET Framework 2.0, C#.NET, and Active Data Objects (ADO.NET). Students will learn about ASP.NET events, server-side controls, both basic and advanced controls. Tracing, debugging, and error handling in ASP.NET is examined. Students

also learn to apply the fundamental concepts of Web Data Access, while interacting with databases and XML files. Additionally, Application Logic and Configuration focuses on deployment using XML Config files. *Credit: 3 semester hours*

### **1171 Distributed Operating Systems**

*Prerequisite:* CUS 1124. An introduction to the concepts and design principles used in distributive computer systems. Topics will include data currency, distributive file systems, security, interprocess communications, directory services, job transfer and management and fault-to-tolerance. *Credit: 3 semester hours.*

### **1172 HTML and JAVA Script**

*Prerequisite:* CUS 1124. Exploration of the theory, implementation and integration of Web page development. The emphasis is on documents, graphical elements, forms, script applications and multimedia. *Credit: 3 semester hours.*

### **1173 Dynamic Web Page Development**

*Prerequisite:* CUS 1172 or equivalent. An introduction to microcomputer graphics from the plotting of points and lines to circles and polygons. Transformations and rotations of two-dimensional figures are examined. Special applications include animation; windowing and clipping and CAD/CAM. *Credit: 3 semester hours.*

### **1174 Artificial Intelligence**

*Prerequisite:* CUS 1124. Study of the automation of intellectual processes. Topics include: heuristic methods of problem solution, game-playing programs, expert systems, automatic theorem-proving. *Credit: 3 semester hours.*

### **1176 Electronic Commerce**

*Prerequisite:* CUS 1124. An examination of current and projected developments in electronic commerce. Topics include the information technologies upon which electronic commerce is based; telecommunications infrastructure; electronic consumers and advertising; the effect of e-commerce on logistics and supply chain management; electronic financial markets and digital payment mechanisms; security issues such as authentication and payment in e-commerce; introduction to symmetric and public-key encryption; digital signatures and certificates; Secure Sockets Layer (SSL), Transport Layer Service (TLS), and secure electronic payment protocols. *Credit: 3 semester hours.*

### **1178 Service-Oriented Architecture, Technology, and Design**

*Prerequisites:* CUS 1148, CUS 1159, 1165, 1169. An intensive introduction and review of the evolution of Service-Oriented Architecture and Web Services. Utilization of the services of XML, SOAP, WSDL, the .NET Framework, and J2EE. Interoperability between diverse platforms, systems, and programming languages. *Credit: 3 semester hours.*

### **1179 Data Mining**

*Prerequisite:* CUS 1165. Introduction to the analysis of databases for relationships, patterns, and trends. Both visualizing data and developing graphical representations of data will be stressed. Students will learn to select, prepare, visualize, analyze and present data findings that lead to the discovery of novel and actionable information. *Credit: 3 semester hours.*

### **1181; 1182 Operations Research I and II**

*Prerequisite:* CUS 1124; for CUS 1181, MTH 1009 and 1013. Probability; stochastic processes; Markov chains; queueing theory; inventory theory; linear programming; duality; assignment and transportation problems; game theory. *Credit: 3 semester hours.*

### **1183 Simulation**

*Prerequisite:* CUS 1124. Generation of random numbers and variates; queueing theory and stochastic processes; computer modeling and simulation of systems, with applications in selected areas. *Credit: 3 semester hours.*

### **1185 Data Security and Cryptography**

*Prerequisite:* CUS 1124. 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.*

### **1186 Theory of Computation**

*Prerequisite:* CUS 1124. Fundamentals of theoretical computer science: computable functions; primitive recursive functions and predicates (PRC classes); the halting problem, Godel numbers and pairing functions; recursively enumerable sets; universality; Post-Turing programs; simulations; Turing Machines. *Credit: 3 semester hours.*

### **1187 Finite Automata and Formal Languages**

*Prerequisite:* CUS 1124. Deterministic and non-deterministic finite automata; regular languages; Kleene's Theorem; context-free grammars and languages; derivation trees; regular grammars; bracket languages; pushdown automata; compilers and formal languages. *Credit: 3 semester hours.*

### **1188 Analysis of Algorithms**

*Prerequisite:* CUS 1124. Analysis of the performance of algorithms. Topics covered include analyzing the efficiency of algorithms, sorting and searching algorithms, graph algorithms, dynamic programming, probabilistic algorithms, introduction to complexity. *Credit: 3 semester hours.*

### **1191 Computer Science Internship**

*Prerequisite:* Permission of the Director. Supervised practical experience to further prepare majors for their professional careers. Only open to juniors and seniors majoring in computer science. *Credit: 3 semester hours.*



**1192 Computer Science Internship**

*Prerequisite:* Permission of the Director. Supervised practical experience to further prepare majors for their professional careers. *Only open to juniors and seniors majoring in computer science. Credit: 6 semester hours.*

**1196 Individual Research: Topics in Hardware**

*Prerequisite:* CUS 1124 and the permission of the Director. This course is designed to provide individualized independent study in microcomputers. Under the guidance of a faculty member, the student pursues an in-depth study of a recent development in the microcomputer field. A research paper is required. *Credit: 1 semester hour.*

**1197 Individual Research: Topics in Software**

*Prerequisite:* CUS 1124 and the permission of the Director. This course is designed to provide individualized independent study in computer software and applications. Under the guidance of a faculty member, the student will pursue an in-depth study and implementation of some software application that was not already studied in the work of other courses. A research paper is required. *Credit: 1 semester hour.*

**Computer Security Systems (CSS)  
(Queens)****1001 Introduction to Information Security**

An introduction to the various technical and administrative aspects of information security and assurance. Topics covered include understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features. *Credit: 3 semester hours.*

**1005 Fundamentals of Cyber Security**

Issues involving hackers, malware, social theories, protocols, firewalls, and intrusion detection will be addressed. The prevention and containment of intrusion incidents, the incident response process, and the forensic examination of a computer will be discussed. *Credit: 3 semester hours.*

**1011 Network Security**

*Prerequisites:* CSS 1005, NET 1001. A solid foundation in network security fundamentals will be provided covering essential practices such as developing a security policy and then implementing that policy by performing Network Address Translation, setting up packet filtering, and installing proxy servers, firewalls, and virtual private networks. The course includes hands-on activities along with realistic case studies. *Credit: 3 semester hours.*

**1012 Network Perimeter Security**

*Prerequisites:* CSS 1005, NET 1001. An examination of the network security components that work together to provide an in-depth defensive perimeter around a local area network. Tools needed for effective perimeter security such as firewalls, intrusion detection systems (IDS), screening routers, proxy servers, encryption, bastion hosts, and virtual private networks are studied as are the various network configurations. *Credit: 3 semester hours.*

**1015 Wireless Security**

*Prerequisite:* CSS 1011 or NET 1011. An understanding of how wireless technology is used to commit crimes will be considered with emphasis on their prevention. The student will have hands-on involvement with common tools used to attack wireless systems in order to recognize and understand how to defend against them. The course will address issues involving hackers, malware, and intrusion detection. *Credit: 3 semester hours.*

**1021 Cyberlaw and Ethics**

*Prerequisite:* CSS 1005. An introduction to legal protection of identities, properties and privacy in the real time environment. All current Federal and International laws will be studied. *Credit: 3 semester hours.*

**1032 Cyber Threats and Detection**

*Prerequisite:* CSS 1011 or CSS 1012. An examination of protocols, scanners, rootkits, trojans, worms, and viruses as they are used in the commission of a network intrusion. An overview of the prevention and containment of an intrusion incident as well as the methodology of the incident response process will be presented. *Credit: 3 semester hours.*

**1091 Computer Security Systems Internship**

*Prerequisite:* Permission of the director. Supervised practical experience to prepare majors for their professional careers. *Credit: 3 semester hours.*

**Criminal Justice (CRJ)  
(Queens, Staten Island)****2000 An Introduction to the Criminal Justice System**

This course surveys the American criminal justice system and addresses the individual elements of the justice process. Topics covered in this overview course include: the police service, the courts, correctional services, the development of laws and public policies, and pressing issues facing the criminal justice system. The course also addresses the United States Constitution with respect to criminal justice administration. *Credit: 3 semester hours.*

**2001 Theories of Crime**

This course examines the problem of crime in contemporary society. Theories and explanations of criminal behavior are analyzed in detail, along with the range of activities that are defined as crimes. SOC 1110 (It is recommended that students take this course and CRJ 2000 during the same semester.) *Credit: 3 semester hours.*

**2002 The Police and the Community**

*Prerequisite:* CRJ 2000. This course traces the history of American policing and examines a variety of innovative police models used across the United States. *Credit: 3 semester hours.*

**2003 The American Judicial System**

*Prerequisite:* CRJ 2000. This course traces the history of both the federal and state courts and examines the roles of the prosecutor, judge and defense attorney. *Credit: 3 semester hours.*

**2004 American Correctional Systems**

*Prerequisite:* CRJ 2000. This course examines the history and development of both institutional and community-based correctional models. *Credit: 3 semester hours.*

**2006: Introduction to Cybercrime**

This course will provide essential information on the types of crimes classified as cybercrimes. It will outline the emerging area of crime and examine the implications for victims, offenders, and the criminal justice system. A major component of the course will be a focus on the approaches and techniques used to perpetrate such crimes. *Credit: 3 semester hours.*

**2007 Crime Scene Investigation**

This course will introduce students to the basic scientific techniques applied in crime scene investigation. Emphasis will be placed on crime scene protection and the development, collection, packaging, and processing of physical evidence found at the crime scene. The writing of evidence reports and preparation for testifying in court will also be major focuses of the course. *Credit 3 semester hours.*

**3000 Professional Ethics in the Criminal Justice System**

*Prerequisite:* CRJ 2000. This course explores the ethical issues confronting the criminal justice practitioner. *Credit: 3 semester hours.*

**3001 Public Policy and Criminal Justice**

This course explores the development and implementation of criminal justice policy in the United States. *Credit: 3 semester hours.*

**3002 Minority Groups and the Criminal Justice System**

An intensive study of ethnic, racial and religious minorities and the criminal justice system. *Credit: 3 semester hours.*

### **3003 Women and the Criminal Justice System**

The emerging status of women in contemporary society has been accompanied by a dramatic rise in the overall participation of women in the criminal justice system. *Credit: 3 semester hours.*

### **3004 Victimology**

The study of the nature and causes of victimization, including the interaction that takes place between the offender and victim. *Credit: 3 semester hours.*

### **3005 Contemporary Social Problems in the Criminal Justice System**

Social problems such as violence, substance abuse, race and ethnic relations and suicide are explored with specific attention given to how these issues impact on the criminal justice system. *Credit: 3 semester hours.*

### **3006 Research Methods in Criminal Justice**

*Prerequisite:* CRJ 2000. This course will introduce the research methods used in criminal justice and criminology. Emphasis will be on the logic, design, and execution of the research process, including the development of researchable questions and/or hypotheses, collection and analysis of data, and writing of a scientific report. Special attention will be given to the use of computers in the research process. *Credit: 3 semester hours.*

### **3100 Police Organization and Management**

This course examines the organizational design of the contemporary police service and the delivery models used to serve the public. *Credit: 3 semester hours.*

### **3101 Criminal Investigation**

An examination of the steps leading up to the decision to take a suspect into custody. *Credit: 3 semester hours.*

### **3102 Forensic Psychology**

An exploration of the behavioral techniques employed in the criminal justice field. Relevant illustrations from law enforcement and corrections are employed. *Credit: 3 semester hours.*

### **3103 Introduction to Forensic Science**

*Prerequisite:* CRJ 2000. A course designed to demonstrate and examine physical evidence relevant to criminal or civil investigations. *Credit: 3 semester hours.*

### **3104 Modern Investigation and Protection Technology**

Contemporary developments in scientific devices and techniques that relate to the fields of security, safety and investigation. (Cf.: SEC 1007.) *Credit: 3 semester hours.*

### **3105 Juveniles and the Criminal Justice System**

The etiology of juvenile delinquency including contemporary techniques in rehabilitation. *Credit: 3 semester hours.*

### **3106 Drug Abuse in Contemporary Society**

An analysis of the current use and abuse of drugs in contemporary society. The problem of crime and its relationship to drugs is studied. *Credit: 3 semester hours.*

### **3107 Organized Crime**

An analysis of organized crime in contemporary society—its extent and influence. *Credit: 3 semester hours.*

### **3108 International Terrorism**

*Prerequisite:* CRJ 2000 or SEC 1001. A study of the history and causes of the multinational phenomenon of terrorism. *Credit: 3 semester hours.*

### **3109 Forensic Fire Investigation**

This course presents essential knowledge for conducting a forensic fire investigation. It describes the elementary chemistry of combustion and the factors that control fire behavior, including why fire behavior is not precisely predictable. It discusses the fundamental properties of liquid, gaseous and solid fuels as well as electrical, clothing (fabric), hazardous material and vehicular fires and explosions. (Cf.: SEC 1018.)

*Credit: 3 semester hours.*

### **3110 Forensic Fire Scene Reconstruction**

This course presents a methodology for determining the origin, cause and liability of a fire. It involves the identification of a variety of variables common to the fire scene that help establish human activities. The information, placed in context with principles of fire engineering and human behavior, is used to reconstruct the fire scene and evaluate all investigator hypotheses. (Cf.: SEC 1019.)

*Credit: 3 semester hours.*

### **3112 Reading and Interpretation of Legal Documents**

*Prerequisite:* ENG 1000C and 1100C. An intensive study in the analysis of legal documents. *Credit: 3 semester hours.*

### **3113 Penal Law**

An examination of the penal law of New York State. *Credit: 3 semester hours.*

### **3114 Criminal Procedure Law**

An analysis of the criminal procedure law. *Credit: 3 semester hours.*

### **3115 The Criminal Justice Adversary System**

An in-depth examination of the functions, responsibilities and authority of the criminal justice practitioners in the criminal adversary process. *Credit: 3 semester hours.*

### **3116 Law of Evidence**

A study of the law of evidence, including the statutory and common-law foundations governing the admissibility of evidence in state and federal courts. *Credit: 3 semester hours.*

### **3117 Cybercrime and the Law**

Cybercrime and Law will examine the federal and state laws that address cyber crime and

computer intrusion. The focus will be on the key legal issues raised by cyber crimes, as well as the skills needed to understand the constantly evolving cyber law concepts. Among the topics to be addressed are protection of computer software, information access and control, privacy and security. The course will explore specific problems in applying the law to cyberspace in a variety of areas, including content control, and the bounds of jurisdiction. *Credit: 3 semester hours.*

### **3118 Cybercrime Investigation**

This course is designed to provide students with the basic philosophical understanding of the cybercrime investigative process. The new and emerging investigative techniques available to investigate these crimes will be examined. Emphasis will be on the entire investigative process where the consistent flow of information facilitates the application of different scientific methodologies. Topics to be covered include crime scene processing, identification, preservation, collection of physical evidence, and the presentation of digital evidence in court. *Credit: 3 semester hours.*

### **3120 Probation and Parole**

A study of extra-institutional supervision of convicted offenders. Pre-sentence investigation, case-load classification and success prediction. *Credit: 3 semester hours.*

### **3121 Corrections Law**

*Prerequisite:* CRJ 2000. A survey of legal rights of those convicted and sentenced to prison. *Credit: 3 semester hours.*

### **3201 American Law Enforcement Practicum**

To study and critically examine law enforcement agencies at all levels of government, the role of the law enforcement agent, and the contemporary problems and issues that affect American policing. *Credit: 3 semester hours. Free elective only. Intersession and pre-session only.*

### **3202 Justice and the D.A.'s Office**

Course explains the functions, powers, duties and career opportunities presently existing in local and national prosecuting agencies, including the county D.A.'s, state attorneys general and the U.S. attorneys. *Credit: 3 semester hours. Free elective only. Intersession and pre-session only. (SI)*

### **3203 Fire and Arson Investigation**

Cross reference SEC 1020.

### **3205 Emergency Preparedness, Response and Planning for Hazardous Materials**

This course will provide a basic understanding of techniques for in-house or on-site emergency response contingency planning. Students will develop plans that emphasize assessment, equipment requirements, collateral support agreements and actual response. Definitions will be covered which will promote and facilitate discussions concerning planning and response and provide a framework upon which the student can engage in problem formulation. *Credit: 3 semester hours.*

### 3206 Terrorism and Emergency Management

The purpose of this course is to investigate the role of emergency management in response to the growing threat of domestic and international terrorism. To achieve this goal the course will define what terrorism is, discuss why politically motivated acts of violence occur, and provide an overview of terrorists groups and their tactics of intimidation and fear. The course will also uncover the effects of terrorism (including those emanating from weapons of mass destruction) and compare how their consequences are both similar to and different than other types of natural and technological disasters. Utilizing recent legislation and policies regarding crisis and consequence management as a framework, the steps that emergency management agencies and others are taking to deal with terrorism are identified. *Credit: 3 semester hours.*

### 3207 Emergency Management and Homeland Security Law

This course is designed to provide an overview of homeland security law and policy. Emergency response, emergency management, and terrorism after 9/11 will be discussed. Several topics including the law for first responders, incident management, weapons of mass destruction, volunteers, Governors' powers, FEMA, Department of Homeland Security, civil rights, and international anti-terrorism efforts will be explored. *Credit: 3 semester hours.*

### 3208 Sociology of Disaster

The focus of this course will be on human behavior in a natural and man-made disaster e.g., hurricanes, tornados, earthquakes, floods; and chemical spills, nuclear power plant accidents, riots, etc. Case studies of a number of disasters will be used to illustrate the material discussed. In addition, students will be introduced to the emerging profession of "emergency management and contingency planning" and acquire an understanding of the general precepts of disaster planning. *Credit: 3 semester hours.*

### 3209 Computer Applications in Emergency Management

This course provides the student with an introduction to the use of computer technology in emergency management. Spreadsheets, database applications, and electronic communications will be covered. Specific computer programs currently used in use for contingency planning, tracking chemical inventories and response resources, modeling of toxic plumes, and decision making during disasters will be explored. Hazard and risk evaluation will be covered along with attendant hazard identification, vulnerability analysis, risk and consequence analysis. *Credit: 3 semester hours.*

### 4000 Special Topics

This seminar course includes an in-depth examination of current issues and problems in the field of justice administration with topics to be announced by the instructor at the time of registration. (*Open only to seniors in CRJ with permission of the Director of the Institute of Criminal Justice.*) *Credit: 3 semester hours.*

### 4001 Contemporary Legal Issues in Private and Public Protection

An analysis of legal aspects of private and public protection including the major constraints imposed upon security and public safety operations and personnel by the law. (Cf.: SEC 1002.) *Credit: 3 semester hours.*

### 4102 Advanced Forensic Psychology

A course designed to provide the student with knowledge and expertise relevant to the availability of psychological services to be utilized in criminal and/or civil justice systems. *Credit: 3 semester hours.*

### 4104 Criminal Justice Leadership and Services

*Prerequisite:* CRJ 3100. An in-depth examination of the role and function of leadership practices and theories and services that support the criminal justice system. *Credit: 3 semester hours.*

### 4105 Transnational Crime and Criminals

*Prerequisite:* CRJ 2000. An in-depth study of crimes that cross national borders such as drug smuggling; air and sea hijacking; money laundering; weapons merchants; crime syndicates; environmental crimes; economic crimes. *Criminal justice majors only.* *Credit: 3 semester hours.*

### 4106 Comparative Criminal Justice Systems

*Prerequisite:* CRJ 2000. A comparison of the criminal justice systems in selected European, African, Middle Eastern, North and South American countries. *Credit: 3 semester hours.*

### 4107 Comparative Police Systems

*Prerequisite:* CRJ 2000. A study of the various typologies and styles of police systems of the world, including their organization, administration, organizational procedures and behavior. *Criminal justice majors only.* *Credit: 3 semester hours.*

### 4108 Criminal Justice Classical Writings

In this seminar for seniors, the classical writings in the field of criminal justice will be analyzed. The original writings from authors such as Cesare Beccaria, Felix Frankfurter and John Augustus, which pertain to the development of criminal justice legislation, the judiciary, police, corrections, and criminology that have had a major impact on the development of the system, will be read and discussed in relation to contemporary developments in the field. *Credit: 3 semester hours.*

### 5000 Criminal Justice Internship

*Prerequisite:* Permission of the Director of Criminal Justice required. An internship with a selected criminal justice or social agency in the public or private sector. *Credit: 3 semester hours.*

### 5001 Investigative Internship

*Prerequisite:* Permission of Director. Interns are assigned to participate in a specific investigative project currently under study by one of the Inspector General Offices within New York City, or any approved criminal justice or social service agency in the public or private sector. *Credit: 3 semester hours.*

### 5002 Internship in Court Administration

*Prerequisite:* Permission of the Director of the Institute of Criminal Justice. An intensive investigation of a selected project currently under study by the Office of Court Administrator. *Credit: 3 semester hours.*

### 5003 Probation and Parole Internship

*Prerequisite:* Permission of Director. Students involved in this program are assigned to an office of probation in the metropolitan area. *Credit: 3 semester hours.*

### 5004 Juvenile Advocacy Internship

*Prerequisite:* Permission of Director. Student interns are assigned to a juvenile advocacy program, sponsored by an agency in the public or private sector that serves youngsters who are in crisis situations. *Credit: 3 semester hours.*

### 5005 International Criminal Justice Internship

*Prerequisite:* Permission of the Director. An internship course for students pursuing the minor area of study in international criminal justice. The internship student is assigned to an on-site sponsor agency in the private or public sector in the field of international criminal justice. Hours are arranged. *Credit: 3 semester hours.*

### 5006 Criminalistics Internship

*Prerequisite:* CRJ 3103. An internship course for students who are assigned to a sponsor agency in the public or private sector to perform supervised or independent laboratory or field study. (*Hours to be arranged and with the permission of the Director of CRJ.*) *Credit: 3 semester hours.*

### 5200 Seminar in Court Administration

A study of selected topics in court administration, including such areas as case flow management, extra, judicial remedies, judicial selection and discipline, jury management. *Credit: 3 semester hours.*

### 5201 Criminal Justice Counseling

This course is a survey of various counseling, interviewing classifying and testing techniques within the criminal justice system. Specific areas will include critical incident debriefing, post traumatic stress disorder, brief psychotherapy and use of community resources. *Credit: 3 semester hours.*

## 5202 Criminal Justice Practicum

*Prerequisite:* CRJ 2000 and the permission of the instructor. This course examines critically the various components of the American criminal justice system at all levels of government, the function and role of the practitioners within these components and the contemporary problems and issues that affect criminal justice. *Open to criminal justice baccalaureate students above the freshman level. Credit: 3 semester hours.*

## 5203 Advanced Criminalistics

*Prerequisite:* CRJ 3103. Course focuses on the role of the criminalist in the specializations of serology, trace evidence and document examinations. *Credit: 3 semester hours.*

## 6000 Criminal Justice Honors Research

An individualized program of research and readings dealing with contemporary topics in the area of justice administration under the direct supervision of a criminal justice faculty member. Conferences and a research paper are required. *Open only to junior or senior criminal justice majors who have at least a 3.2 major index and a 3.0 overall index. Credit: 3 semester hours.*

## 6001 Criminal Justice Honors Internship

*Prerequisite:* Permission of Director required. An internship with a selected justice administration or social service agency in the public or private sector. *Open only to senior Criminal Justice majors who have a 3.5 index in two-thirds of courses completed in the major area (24 credits) and an overall index of 3.3.) Credit: 3 semester hours.*

## 1081 Independent Study

*Prerequisite:* Permission of the Director of Criminal Justice. Independent study. Under the guidance of a faculty member, student pursues an in-depth study of the criminal justice field or participates in a criminal justice project. *Credit: 3 semester hours. Free elective.*

## Cyber Forensics (CFR)

(Queens)

### 1001 Computer Forensics

A study of the methods used in computer forensics. Topics include file structures, boot processes, computer forensic tools, digital evidence controls, data acquisition, computer forensic analysis and image file recovery. (Cf: CSS 1031.) *Credit: 3 semester hours.*

### 1002 Introduction to Network Forensics

Fundamentals of computer networking and the layered protocol architectures, detection and prevention of intrusion and attack, digital evidence collection and evaluation, and the legal issues involved in network forensic analysis. Documented cyber crimes and intrusion records will be used as case studies. The course emphasizes both the conceptual models and the hands-on experience of using tools with the Internet and the Web browsers as the underlying media. *Credit: 3 semester hours.*

## 1005 Management of Digital Evidence

*Prerequisite:* CFR 1001 or CFR 1002. A study of the methodology used to handle and capture digital evidence in a legal manner. The course examines where digital evidence can be located, how it should be preserved free from contamination, how it may best be analyzed, and how to present it in statements, affidavits, and court proceedings. *Credit: 3 semester hours.*

## Dramatic Arts (DRM)

### 1200 Introduction to Acting Technique

This course will introduce students to the "actor's process," with concentrate on the actor developing the basic skills of imagination, focus, sensory awareness, expressiveness and working collaboratively with fellow actors. Special emphasis will be given to internal and external demands of a performance, including the actor being aware of his or her emotional and physical habits which could occlude a performance. Students will be expected to prepare and perform monologues and scenes, and the class will culminate with the actor performing a scene with a fellow actor before an invited audience. *Credit: 3 semester hours.*

## Economics (ECO)

(Queens, Staten Island)

### 1001 Principles of Economics I

Introduction to the fundamentals of the economic system. The "macroeconomic" approach to employment, prices and economic stability. *Credit: 3 semester hours.*

### 1002 Principles of Economics II

*Prerequisite:* ECO 1001. Microeconomic analysis involving relative price determination in individual product and factor markets. Selected topics: problems of monopoly, trade and efficiency. *Credit: 3 semester hours.*

### 1003 Elementary Money and Banking

*Prerequisite:* ECO 1002. A survey of the principles of money and credit. *Credit: 3 semester hours.*

### 1006 Personal Finance

A study of the techniques of personal financial management, including the financial considerations involved in the acquisition, preservation and disposition of real and personal property. *Open to baccalaureate students only. Credit: 3 semester hours.*

### 1011 Development of American Business Enterprise

*Prerequisite:* ECO 1002. A survey of the forces contributing to the development of American business enterprise, culminating in the growth of multinational corporations. Special focus is on the diverse and evolving forms of market structure, behavior and industry life cycles. *Open to baccalaureate students and A.S. business majors (except accounting). Credit: 3 semester hours.*

## 1014 Personal Investing

A description and analysis of the major institutions of and instruments of personal investing. Discussions are tailored to the needs of individuals with differing financial backgrounds and requirements. *Open to baccalaureate students only. Credit: 3 semester hours.*

## 1015 Economic History of the Western Community

Evolution of the Western economic system from the middle of the 16th century to the present: the agricultural revolution, impact of technological change, organization of trade and commerce, the diffusion of international trade, demographic changes, and the role of government in economic development. *Credit: 3 semester hours.*

## 1018 Business and Economic Forecasting

*Prerequisites:* ECO 1001 and 1002 and MTH 1004 or equivalent. A survey of how forecasters look into the future using scientific forecasting techniques. Coverage includes the fundamental techniques used in business, government and research institutions. Topics include the forecasting of sales and interest rates. *Open to baccalaureate students only. Credit: 3 semester hours.*

## 1019 Business Networking in New York City

NYC has an abundance of vitally important domestic and international economic institutions. Foremost in this group are the New York and American Stock Exchanges, the Federal Reserve Bank of New York and world headquarters of many multinational banks. Each institution plays a critical role in the domestic and/or world economy. In this course students gain first-hand knowledge of these and other institutions through on-site visits and interviews. *Credit: 3 semester hours. Free elective only. Intersession and Pre-Session only.*

## 1020 The Economics of Crime

The tools of economic analysis applied to crime, criminal behavior and the criminal justice system. Topics include the economic model of criminal behavior and penology. Special attention focuses on: white collar crime, gambling and the underground economy, especially the drug trade. Also considered is the cost effectiveness of the criminal justice system. *Open to baccalaureate students only. Credit: 3 semester hours.*

## 1021 Women's Economic Emergence

An investigation into the economic lives of women, the changes brought about by their steadily increasing labor force participation and its implications for policies formulated to make the workplace more equitable. This course is a component of the women's studies minor. *Open to all students as an elective only. Credit: 3 semester hours.*

**1022 International Economics**

*Prerequisite:* ECO 1001. An introductory study of theories and issues of international trade, commercial policies, tariff and other trade restrictions, foreign investment and multinational corporations, foreign exchanges and balance of payment adjustment, international financial institutions and systems and regional trade organizations. *Open only to baccalaureate students.*  
*Credit: 3 semester hours.*

**1023 Great Thinkers in Economics: Past and Present**

*Prerequisite:* ECO 1001. A survey of the contributions made by major thinkers in economics. The ideas of the pre-classical and classical economists and Marx, Marshall and Keynes, as well as contemporary economists are considered. *Open to all students as an elective only.* *Credit: 3 semester hours.*

**1024 The Economic Aspects of Discrimination in the United States**

*Prerequisite:* ECO 1001. This course explores the economic history of discrimination from the U.S. colonial period to the present and the legislation in the area. The impact of discrimination on wages, productivity, education, housing, immigration, aging, income, unionism and occupational patterns in the U.S. economy are also examined.  
*Credit: 3 semester hours.*

**1025 Contemporary Economic History of Latin America and The Caribbean**

The economic history of Latin America and Caribbean countries deals with their disparate experiences. It investigates their colonial past with a view to understanding their economic underdevelopment. It also looks at the role of multinational corporations in analyzing the countries' economic performance.  
*Credit: 3 semester hours.*

**1026 Economic and Financial Institutions of The Caribbean and Latin America**

*Prerequisites:* ECO 1001, 1022. A survey of the economic and financial institutions of the Caribbean and Latin America. Topics include industrial, agricultural and trade practices and policies. The role of trade in development is also considered, as is the role of international organizations in the promotion of economic development. Public policies toward business are analyzed. *Credit: 3 semester hours.*

**1027 Economic and Financial Institutions in Europe**

*Prerequisites:* ECO 1001, 1022. A survey of the economic and financial institutions of the nations of Europe, with particular emphasis on how they interface with the Common Market. Money and capital markets are considered, along with industrial, agricultural and trade practices and policies. *Credit: 3 semester hours.*

**1028 Contemporary Economic History of the Pacific Rim**

This course traces the modern socioeconomic forces that have propelled the Pacific Rim countries into a high-growth path. It gives students a deeper understanding of the dynamic trajectories of the societies in this region and provides insights into possible developments of the global economy into the 21st century. *Credit: 3 semester hours.*

**1029 Economic and Financial Institutions of the Pacific Rim**

*Prerequisites:* ECO 1001 and ECO 1022. A survey of the economic and financial institutions of the Pacific Rim countries with emphasis on Japan. Topics include money, capital and foreign exchange markets; industrial and trade practices and policies; the banking systems. Public policies toward business are also discussed and analyzed.  
*Credit: 3 semester hours.*

**1040 Economics in Films**

From *A Christmas Carol* to *Wall Street*, millions of people have seen films that promote economic ideas and philosophies. Surveys those popular films to determine the validity of their economic content. Films viewed and the economic content identified and critically evaluated. *Credit: 3 semester hours.*  
*Free elective only. Pre-session course.*

**1050 Financial institutions of the European Union**

This course is designed to acquaint the student with the types and functions of financial institutions within the Union. The institutions studied will be the European Central Bank, the European Investment Bank, and the European Investment Fund. The goals of the European Bank for Reconstruction and Development will also be studied. The role of the Court of Auditors will also be examined, as will the aims and the tools of FIN-NET, the Cross-border Out-of-Court Complaints Network for Financial Services Disputes Settlement System. *This course is offered exclusively online.*  
*Credit 1 semester hour.*

**2001 The Economics of the European Union**

Examines the economic and political policies and processes of the European Union. This course looks at the history and institutions of the EU. Topics discussed are European monetary policy, the role of the European Central Bank, the new currency, the euro and trade and competition policy. The reasons why some countries opted out of using the euro and why some countries have not met the criteria for the adoption of the euro are also examined. *Prerequisites: None. This is a non-technical course.* *Credit: 3 semester hours.*

**English (ENG)**

(Queens, Staten Island)

**1000C English Composition**

*See description under University Core courses.*  
*Credit: 3 semester hours.*

**1100C Literature in a Global Context**

*See description under University Core courses.*  
*Credit: 3 semester hours.*

**1001 Effective Strategies for Writing Fiction and Non-Fiction**

*Prerequisite:* ENG 1000C and ENG 1100C. Students have an opportunity to refine their writing skills. This course is NOT a substitute for any required composition and literature courses. *Credit: 3 semester hours.*

**1006 Effective Business Writing**

*Prerequisite:* ENG 1000C and ENG 1100C. An intensive study of business communication and the essentials of business report writing. *Open to baccalaureate students as a business or free elective only.* *Credit: 3 semester hours.*

**1007; 1008 Survey of American Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. Covers the literature and historical backgrounds of America, beginning with the New World and extending through colonial America, the 18th century and concluding with the literature of the American Renaissance (1836–1865). The second semester (1008) extends from 1865 to the present.  
*Credit: 3 semester hours.*

**1009; 1010 Survey of English Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. A survey of the literary trends and significant writers in the development of English literature from the Anglo-Saxon period to the neo-classical period and, in the second semester, from the Age of Wordsworth to the 20th century. *Credit: 3 semester hours.*

*The following elective courses are scheduled on a rotating basis to provide students with a variety of choices each semester. Students should consult course schedules at registration periods to determine term and summer offerings.*

**1011; 1012 Literature of the Western Civilization**

*Prerequisite:* ENG 1000C and ENG 1100C. A study of the masterworks of European literature (in translation). First semester: From the ancient Greeks to the early Renaissance. Second semester: From the late Renaissance to the 20th century. *Credit: 3 semester hours.*  
*(Students may not receive credit for both ENG 2000 and 1011 or ENG 2001 and 1012.)*

**1014 Representative Plays of Shakespeare**

*Prerequisite:* ENG 1000C and ENG 1100C. This course entails reading selected plays of Shakespeare; a critical, historical and aesthetic study of the works chosen.  
*Credit: 3 semester hours.*



### **1015 Twentieth Century Drama**

*Prerequisite:* ENG 1000C and ENG 1100C.

A study of the major changes in the content of modern dramatic literature that have modified classical and Renaissance drama and given rise to new forms, from Ibsen to Brecht. *Credit: 3 semester hours.*

### **1016 The English Novel 1700–1870**

*Prerequisite:* ENG 1000C and ENG 1100C.

A study of the development of the English novel from its earliest stages to the late Victorian period. *Credit: 3 semester hours.*

### **1017 The Modern Novel**

*Prerequisite:* ENG 1000C and ENG 1100C.

A study of the novel as a modern genre, with special emphasis on critical approaches to characterization, theme and structure. *Credit: 3 semester hours.*

### **1018 Modern Poetry**

*Prerequisite:* ENG 1000C and ENG 1100C.

A study of the major tendencies, themes and techniques in modern American and British poetry; an introduction to different critical approaches in interpreting modern poetry. *Credit: 3 semester hours.*

### **1021; 1022 Masterworks of Black Writers I and II**

*Prerequisite:* ENG 1000C and ENG 1100C, 1021: A critical survey of African American Literature from Colonial times to the Civil War. 1022: A survey of African American literature from Reconstruction to the present. *Credit: 3 semester hours.*

### **1024 The Short Novel in World Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. This course is designed to acquaint the student with the short novel and to develop an appreciation for this form. *Credit: 3 semester hours.*

### **1025 Literature and Mythology**

*Prerequisite:* ENG 1000C and ENG 1100C. A basic premise of this course is that literary plots, characters, themes and images are basically complications of similar elements in myths and folktales. This course examines the appearance in literature of various archetypal characters as well as a number of mythical patterns. *Credit: 3 semester hours.*

### **1027 Contemporary Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. An introduction to the novel, short fiction and poetry of the period from the 1950s to the present. *Credit: 3 semester hours.*

### **1029 The Short Story**

*Prerequisite:* ENG 1000C and ENG 1100C. An examination of strategies and techniques of short fiction from its modern beginnings with Poe and Hawthorne to the works of contemporary writers. *Credit: 3 semester hours. ENG 3550.*

### **1030 Literature Seminar**

*Prerequisite:* ENG 1100C and six credits of

literature. Professor and course content to be announced prior to registration. A special literary challenge in areas not covered by current courses. *Credit: 3 semester hours.*

### **1031 Themes in Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. Professor and course content to be announced prior to registration. A particular theme is explored (e.g., the theme of love in modern literature). *Credit: 3 semester hours.*

### **1045 Sleuths, Spies and Thrillers**

*Prerequisite:* ENG 1000C and ENG 1100C. This course examines the conventions of detective and spy stories, traces their sources in earlier fiction and myth, and demonstrates how serious writers have used these genres in their own fiction. *Interession only: Free elective. Credit: 3 semester hours.*

### **1050 Gothic Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. Explores a special, fascinating category of literature, the novel of terror and supernaturalism as it developed from the early 18th century, continued through the 19th and into the 20th century. *Credit: 3 semester hours.*

### **1051 Fantasy in Fiction**

*Prerequisite:* ENG 1000C and ENG 1100C. This course attempts to answer the questions, What is fantasy? What are its values as literature? by examining the varieties of fantastic literature and considering recent theoretical speculations on its special nature. *Credit: 3 semester hours.*

### **1052 The Bible as Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. An examination of the Bible as literature and its influence on a number of modern writers. *Credit: 3 semester hours.*

### **1053 The Literature of Mystery and Detection**

*Prerequisite:* ENG 1000C and ENG 1100C. This form of literature is examined from three perspectives: a historical survey of representative, classic works in the genre; a consideration of the value and use of “popular” literary types; and an analysis of the fictional detective hero. *Credit: 3 semester hours.*

### **1054 Tragedy and Comedy**

*Prerequisite:* ENG 1000C and ENG 1100C. An exploration of tragedy and comedy as forms of drama, examining classical and contemporary definitions of the terms through readings and discussions. *Credit: 3 semester hours.*

### **1055 Literature of Satire**

*Prerequisite:* ENG 1000C and ENG 1100C. Students read a wide variety of satirical literature—poems, plays, and novels—from the classical to the contemporary period. *Credit: 3 semester hours.*

### **1057 The Mythological Tradition**

*Prerequisite:* ENG 1000C and ENG 1100C. This course assumes no previous knowledge of

classical mythology or mythological literature. It demonstrates the connections between myth, literature, art and music. *Credit: 3 semester hours.*

### **1058 Literature, Film and Visual Media**

*Prerequisite:* ENG 1100C. This course examines the mutual influences that literature and visual media have exerted on one another in the 20th century. *Fee: \$30. Credit: 3 semester hours.*

### **1059 Introduction to Islamic Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. A survey of the origins of Islam, considering the nature of Allah's call to Muhammad and the subsequent westward spread of the movement. *Credit: 3 semester hours.*

### **1060 Utopian Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. A general survey of ideas and idealists through detailed study of selected masterpieces in the field. *Credit: 3 semester hours.*

### **1061 Madness in Modern Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. The course considers the 20th century's fascination with irrationality in the arts. *Credit: 3 semester hours.*

### **1062 Medieval Storytelling: Epic Romance and History**

*Prerequisite:* ENG 1000C and ENG 1100C. This course examines a variety of narrative types important in the Middle Ages: epic (chanson de geste), romance, lai, saga and romance compilation. They range in time from around 1100 to 470 and represent diverse literary cultures. *Credit: 3 semester hours.*

### **1064 The American Novel**

*Prerequisite:* ENG 1000C and ENG 1100C. A study of the development of the novel in America from its origins to the present as represented in selected works. *Credit: 3 semester hours.*

### **1065 Critical Approaches to Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. Students consider traditional and contemporary critical theories—including biographical, historical, genre, formal, psychological and reader-response criticism. *Credit: 3 semester hours.*

### **1066 The Theater of the Absurd**

*Prerequisite:* ENG 1000C and ENG 1100C. A study of selected plays by such writers as Beckett, Genet, Pinter and Albee reflecting the contemporary existentialist view of life in the modern world. *Credit: 3 semester hours.*

### **1067 Visualizing American Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. A study and comparison of selected readings from various periods of American literature with counterparts in the visual arts (especially painting, theater and film). *Interession only. Free elective. Credit: 3 semester hours.*

### **1068 Women's Voices in Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. Students are acquainted with major works

of literature by and about women, including fiction and poetry. Works from a variety of cultural backgrounds are represented. *Credit: 3 semester hours.*

### **1069 The Literature of Ireland from the Irish Revival (1890s) to the Present**

*Prerequisite:* ENG 1000C and ENG 1100C. Representative drama, fiction and poetry read and analyzed. The course begins with an examination of works from the Irish Literary Revival in the 1890s, and concludes with attention to the literary voices of modern Ireland. *Credit: 3 semester hours.*

### **1070 Literature of the American South**

*Prerequisite:* ENG 1000C and ENG 1100C. This course focuses on the great writers of the South, whose masterpieces reflect the geography, history, politics, culture and attitudes of that region so unique in the American experience. *Credit: 3 semester hours.*

### **1072 The Fairy Tale in Literature and Film**

*Prerequisite:* ENG 1000C and ENG 1100C. This course will examine the fairy tale tradition in literature, especially through the collection of fairy tales by Giambattista Basile, Charles Perrault, the Brothers Grimm and Hans Christian Andersen. It will also consider reworkings and new creations of this form by modern practitioners, especially women. Attention will be paid to the way the more popular versions of some of these tales have been translated into commercial films and TV shows. *Credit: 3 semester hours.*

### **2000 Literature and Culture: Classics of Continental and British Authors from Ancient Times to the Early 16th Century**

*Prerequisite:* ENG 1000C and ENG 1100C. This course embraces the acknowledged literary masterworks of Western civilization from Homer to Cervantes. Representative works by Continental and British writers are studied. *Credit: 3 semester hours.*

### **2001 Literature and Culture: Classics of Continental, British and American Authors from the Early 17th Century to the Present**

*Prerequisite:* ENG 1000C and ENG 1100C. This course continues the study of masterworks by Continental, British and American authors from Moliere to the present. Major intellectual and cultural developments are studied. *Credit: 3 semester hours.*

### **Honors English**

The following Honors English courses are available only to students in the Honors Program or to students with at least a 3.3 GPA.

### **HON 2012; 2014 Great Books of the Western World I and II**

*Prerequisite:* ENG 1000C and ENG 1100C. The first semester studies major books of Western civilization (in translation) from the ancient world to the Renaissance. The second semester begins with works from the Enlightenment and concludes with 20th-century masterpieces.

*Credit: 3 semester hours. (Students may not receive credit for both HON 2012 and ENG 1011 or HON 2014 and ENG 1012).*

### **HON 2016 Seminar: American Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. Four to six major American authors, ranging from the 18th century to the present, are studied intensively. *Credit: 3 semester hours. (Students cannot receive credit for HON 2016 and either ENG 1007 or 1008.)*

### **HON 2018 Seminar: British Literature**

*Prerequisite:* ENG 1000C and ENG 1100C. Four to six major British authors are studied intensively. *Credit: 3 semester hours. (Students cannot receive credit for HON 2018 and either ENG 1009 or 1010).*

### **Fine Arts (FNA) (Queens)**

#### **1001 Appreciation and Understanding of Art**

An introduction to the visual arts provides an understanding and appreciation of the masterpieces of painting, sculpture and architecture from antiquity to the present. Works of art are studied in terms of their basic organizational concepts, meanings, historical relationships and expressive power. *Credit: 3 semester hours.*

### **Funeral Service Administration (FSA) (Queens, Staten Island)**

The major area courses in funeral service administration are taken at the American Academy McAllister Institute of Funeral Service (AAMI) in Manhattan. Students must complete one year of full-time study or the equivalent of 30 semester hours of credit at St. John's University before being permitted to register for course work at the American Academy McAllister Institute of Funeral Service. Each student must achieve at least a 2.0 index (C average) in his or her 30 semester hours. Upon successful completion of the Standard Diploma Program offered by the McAllister Institute, a student may receive 42 credits toward the Bachelor of Science degree in funeral service administration.

Students who successfully complete the A.O.S. degree, which includes the Standard Diploma Program at the McAllister Institute, may receive a total of 48 credits toward the Bachelor of Science degree in funeral service administration. Please refer to the AAMI bulletin for current course information. The following courses are included in the Standard Diploma Program at AAMI:

### **Public Health and Technical Content Area**

#### **122 Chemistry for Embalmers**

*Prerequisite:* Introduction to Chemistry 121. Introduction to organic chemistry including a survey of the classes of organic compounds of concern to the embalmer; the nature of

decomposition; formulation of embalming fluids and function of the various components; introduction to toxicology and its importance. *Credit: 2 semester hours.*

#### **131 Principles of Embalming**

Introduction to embalming; historical and contemporary perspectives; moral, ethical and legal considerations; terms associated with death; types, signs and tests for death; pre-embalming changes, diagnosis and techniques; instruments utilized in basic embalming. *Credit: 2 semester hours.*

#### **132 Principles of Embalming**

*Prerequisite:* Embalming 131. Factors influencing fluid distribution and drainage; types of embalming fluids; composition and usage; vascular anatomy including linear and anatomical guides. *Credit: 2 semester hours.*

#### **133 Principles of Embalming**

*Prerequisite:* Embalming 131, 132. Care analysis and treatment of special problem cases; local, state, and national (OSHA) regulations and requirements are examined. *Credit: 2 semester hours.*

#### **121 Clinical Embalming**

*Prerequisite:* Embalming 131. Demonstrations and practical applications of Principles of Embalming 131 and 132 under the supervision of faculty instruction at the Bellevue Morgue facility. *Credit: 1 semester hour.*

#### **122 Clinical Embalming**

*Prerequisite:* Embalming 131, 132; Clinical Embalming 121. Demonstrations and practical applications of Principles of Embalming 131, 132 and 133 under the supervision of faculty instruction at the Bellevue Morgue facility. *Credit: 1 semester hour.*

#### **122 Pathology for Embalmers**

*Prerequisite:* Introduction to Pathology 121; Introduction to Microbiology 121, Microbiology for Embalmers 122; Anatomy 131, 132. Principles of special pathology applied to the study of disease of the various organ systems, emphasizing those creating specific embalming problems; introduction of forensic pathology and the importance of the autopsy as a tool in medical instruction and research. *Credit: 2 semester hours.*

#### **122 Microbiology for Embalmers**

*Prerequisite:* Introduction to Microbiology 121. Study of yeasts, molds, protozoa and viruses and their role in disease and decomposition; methods of communicable disease control and prevention; the role of the practitioner in promotion of public health; basic concepts in vital statistics; death rates and their impact on funeral service; major causes of death, emphasis given to disinfection and sanitary safeguards in the preparation room. *Credit: 3 semester hours.*

#### **121 Restorative Art**

Principles of color theory in pigments, vision and illumination; principles of cosmetology;

consideration of cosmetic media; complexion types and deviations from normal complexion types; introduction to the influence of bony structures upon surface forms; facial proportions and variations in head form and their effect upon physiognomy. *Credit: 2 semester hours.*

### **122 Restorative Art**

*Prerequisite:* Restorative Art 121. Practical consideration of restorative techniques; special problems caused by abrasions, burns, lacerations, excision, etc., are discussed and treatment presented; modeling techniques and practical application. *Credit: 3 semester hours.*

## **Business Management Content Area**

### **121 Accounting**

This course introduces the fundamental accounting equation and its application to accounting theory. The accounting equation and the accounting cycle are presented as well as the format and preparation of the books of account, and the presentation of financial statements. *Credit: 2 semester hours.*

### **122 Accounting**

*Prerequisite:* Accounting 121. This course discusses areas of responsibility accounting. Topics include special journals, subsidiary ledgers, banking procedures, payroll procedures, petty cash and other cash procedures. The course concludes with a study of ratio analysis. *Credit: 3 semester hours.*

### **121 Funeral Service Principles**

Introduction to basic services performed by the funeral director from first call to final disposition of the deceased; survey of ceremonies and procedures of various religious, fraternal and other organized groups; interprofessional relationships with clergy, medical personnel and public agencies; the dual role of the funeral director as an effective caregiver and manager; business, social and ceremonial etiquette. *Credit: 2 semester hours.*

### **122 Funeral Service Principles**

*Prerequisite:* Funeral Service Principles 121. Federal Trade Commission regulations; filing of death certificates and other legal forms; special consideration for medical examiner cases; glossary of funeral service terminology; funeral home management and insurance; and funeral service practice. *Credit: 3 semester hours.*

### **101 Small Business Management**

This course explores the managerial responsibilities of planning, organizing, staffing, directing and controlling for a successful operation. Management issues affecting the funeral director are discussed. *Credit: 2 semester hours.*

### **101 Computer Applications to Funeral Service**

Overview of basic computer concepts and understanding of applications of computer science to funeral service; lectures and hands-on computer science laboratory practice;

advantages of a computer as a business tool. *Credit: 2 semester hours.*

## **Social Science Content Area**

### **101 Principles of Counseling the Bereaved**

The bereavement process and special life problems associated with it; definitions of counseling; grief reactions; crisis intervention; the ABC method of counseling; family typology; self-actualization; facilitating communication. *Credit: 3 semester hours.*

### **101 General Psychology and the Dynamics of Grief**

Focus upon human behavior and the influences that create it; an examination of the psychological aspects of behavior as it relates to mental health, maturation and interpersonal relationships; identification of grief reactions and the role of the funeral director as a major referral source and caregiver; discussion and review of topics, literature and resources for the bereaved. *Credit: 2 semester hours.*

### **101 Thanatology and Society**

Historical growth and development of death concepts, mourning and funeral practices from early to modern Western civilization; salient concepts relevant to funeral service are explored and related to the daily practice of the funeral director. *Credit: 1 semester hour.*

### **101 History of Funeral Service**

Early mortuary behavior including funeral customs of ancient civilizations; death and burial through the Middle Ages and renaissance; rise of American funeral behavior from early colonial practices to the development of embalming and funeral transportation; pattern of late nineteenth-century funerals; institutional growth and contemporary funeral practice. *Credit: 2 semester hours.*

### **201 Introduction to Funeral Service Arts**

Consideration of the many-sided role of the funeral service practitioner and the demands placed upon the licensee by law, customs and backgrounds of the clients served; sources from which support and understanding can be derived. *Credit: 2 semester hours.*

### **201 Death and Human Development**

An examination of death and coping skills that are developed at each stage of life; the special problems surrounding the loss of a member of the nuclear family and those major supporters of the bereaved; a major focus of the understanding of grief by the funeral director to cultivate a sensitivity to those in mourning at each stage of development. *Credit: 2 semester hours.*

## **Legal, Regulatory and Ethical Content Area**

### **101 Business Law**

Nature and development of law, emphasizing the broad field of contracts, their nature,

classification, operation and effects; negotiable instruments and sales. *Credit: 2 semester hours.*

### **101 Mortuary Law**

*Prerequisite:* Business Law 101. Bailments, agency, partnership, insurance, wills, burial rights and obligations, rights and wrongs concerning the body and burial; cemetery law, zoning restrictions and damages. *Credit: 2 semester hours.*

### **101 State Rules and Regulations**

*Prerequisite:* Funeral Service Principles 122. Introduction to the specific laws, rules and regulations governing the practice of embalming and funeral directing; licensing procedures. *Credit: 1 semester hour.*

### **101 Professional Ethics**

Individual development and evaluation of funeral service professional system of ethics; professional ethics in community relationships; ethics in regard to the deceased; ethics within funeral service operations; factual and dignified publicity and promotion procedures; pre-arrangement ethics; pre-finance ethics; education; competitor relationships; associations. *Credit: 1 semester hour.*

## **General Education Content Area**

### **201 Introduction to Science**

Orientation in the basic practitioner principles necessary to the funeral service practitioner emphasizing their relevance to future successful practice. *Credit: 2 semester hours.*

### **201 Emergency Care**

Preparation of the funeral director to meet emergency situations. Completion of the course leads to Red Cross certification. *Credit: 2 semester hours.*

### **201 Public Speaking**

Lectures and workshops that focus on the development of oral communication; emphasis placed on proper use of voice and body gestures, development of listening habits; students are helped to feel more comfortable with the art of public speaking. *Credit: 2 semester hours.*

### **201 English**

Fundamentals of English composition coupled with business theories and practices that underlie elective correspondence. The student receives practice in composing many types of business letters. Emphasis is also placed on career-specific communication. *Credit: 2 semester hours.*

### **201 Principles of Mathematics**

This course develops arithmetic concepts and skills, particularly in the areas of whole numbers, fractions, decimals and percents, and problem solving skills, especially in the determination of the mathematical calculation of the cost of a funeral service contract. *Credit: 3 semester hours.*

**121 Introduction to Chemistry**

Basic concepts such as structure and forms of matter; the nature of chemical changes: chemical nomenclature; use of symbols; formulas and equations; consideration of selected topics such as oxidation–reduction, solutions, ionizations, acidity and alkalinity, diffusion and osmosis. *Credit: 2 semester hours.*

**121 Introduction to Pathology**

*Prerequisite:* Anatomy 131; Introduction to Microbiology 121. Introduction to general pathology; nature of disease and its effect on the human body, including inflammation, degenerative changes, necrosis, disturbances in circulation and neoplasms. *Credit: 2 semester hours.*

**121 Introduction to Microbiology**

Study of the structure and functions of microorganisms; influence of environmental factors on their growth and their role in disease; survey of the pathogens and diseases they cause; factors concerned with infection and the defense mechanisms of the human body. *Credit: 3 semester hours.*

**131 Anatomy**

Introduction to terminology and terms of reference used in anatomical description; preliminary discussion of tissues, organs and organ system; vascular system, including heart, blood vessels, lymphatics; musculature system. *Credit: 4 semester hours.*

**132 Anatomy**

*Prerequisite:* Anatomy 131. A detailed study of the skeletal system including the histology of bone. Splanchnology of the digestive system in terms of its gross anatomy with some discussion of histology and physiology. *Credit: 2 semester hours.*

**133 Anatomy**

*Prerequisites:* Anatomy 131, 132. Splanchnology of the respiratory and excretory systems. Study of the nervous, endocrine, integumentary and reproductive systems. Introduction of pre-natal development. Each system is described in terms of its gross anatomy with some discussion of histology and physiology. *Credit: 2 semester hours.*

## Health Care Informatics (HCI) (Queens)

**1001 Introduction to Healthcare Informatics**

*Prerequisite:* CUS 1113. An introduction to information technology as it is applied to health care and health related organizations. An examination of how information is captured, converted and stored in machine readable form and used in the various facets of the health care system; the impact of Electronic Medical Record (EMR) and mobile computing on the healthcare system. *Credit: 3 semester hours.*

**1002 Healthcare Information Flow and Data Management**

A study of the flow and use of health information through healthcare processes and across healthcare systems, through the generation of information, documentation of encounters, and subsequent storage and access. An in depth examination of the role of electronic documents in healthcare information systems in relation to privacy, confidentiality, information security and the Health Insurance Portability and Accountability Act. *Credit: 3 semester hours.*

**1011 Medical Terminology and Healthcare Classifications**

A study of the grouping and classification of health-related terminology, and its encoding in machine-readable representation for storage and access; the design of messages for various tasks and information systems. An exploration of MeSH, SNOMED and UMLS, using health data terminologies. *Credit: 3 semester hours.*

**1012 Medical Coding**

*Prerequisite:* HCI 1011. A study of the basic medical/health record coding systems and principles for transforming verbal descriptions of disease, injury and procedures within medical documentation into numeric medical codes. The theory of medical classification in relation to different medical coding systems, in particular, ICD and CPT codes. *Credit: 3 semester hours.*

**1021 Healthcare Database Management Systems**

*Prerequisites:* HCI 1001 and NET 1001. A study of the design of databases used in healthcare. Types of database architectures, normalization techniques, file and access techniques, query and update languages, data integrity, use of health record systems, and applications of databases to support the healthcare system. *Credit: 3 semester hours.*

**1022 Healthcare Enterprise Systems**

*Prerequisites:* CUS 1148 and HCI 1001. A study of healthcare enterprise systems used for patient support, decision support, and administrative processes; diagnostic imaging systems; data integration; application integration; web services; human-computer interface design; system integration; system evaluation; HL7 messaging; distributive health care technologies. *Credit: 3 semester hours.*

## Health Services Administration (HSA) (Queens)

**1002 Introduction to Health Services Administration**

Problems and processes of management. Emphasis is placed on the principles and practices of management and the functions of the executive with attention to the unique, complex organizational structures and relationships of diverse health facilities, including governmental, voluntary non-profit,

and proprietary institutions. *Credit: 3 semester hours.*

**1003 Ethical Issues in Health Care**

This course involves an in-depth analysis of ethical issues in health care, including end-of-life decisions, organ retrieval and donation, informed consent, medical experimentation, reproductive issues, and confidentiality in testing. Management practices involving decision making, resource allocation, conflicts of interests, and codes of professional ethics are also examined. Principles of ethical reasoning from various philosophical schools are explored. *Credit: 3 semester hours.*

**1004 The Health Care Labor Force and the Use of Technology**

This course examines the occupational composition, training, credentialing and responsibilities of the health care labor force. The education and specialization of physicians and other independent practitioners and allied health personnel are also studied. The nature and purpose of selected medical tests, instruments, treatments and procedures are explored and relevant medical terminology is introduced. *Credit: 3 semester hours.*

**1005 Human Resource Administration of Health Agencies**

The human problems involved in supervisory leadership, dealing with formal and informal groups, the aspects of cooperation, discipline, friction, motivation, job satisfaction and morale. Special attention to the unique, relationships of diverse health professionals; educational, certification and licensure backgrounds and requirements will be stressed. *Credit: 3 semester hours.*

**1011 Legal Aspects of Health Organizations**

*Prerequisite:* BLW 1001. Presentation and examination of statutes, cases and readings in law related to health care providers and organizations. *Credit: 3 semester hours.*

**1012 Financial Administration of Health Care Institutions**

This course examines the nature and interpretation of health care financial management and health care financial reports, including techniques of financial planning and control, budgeting, inventory control, third-party reimbursement and capital planning in hospitals and other health care settings. *Credit: 3 semester hours.*

**1013 Advanced Financial Administration of Health Care Institutions**

*Prerequisite:* HSA 1012. Applies the foundation concepts of the introductory course HCA 1012 to financial report writing and report analysis. The most current finance concepts in health care delivery, such as insurance industry systems and integrated delivery systems, are studied and analyzed. Managed Care financial models and their effect on the delivery of and access to health care are examined. *Credit: 3 semester hours.*

### **1016 Health Care Planning**

An examination of the concepts and tools of health planning. Topics include determination of catchment areas, facility and program planning on an institutional level and needs assessment on a community basis. The role of area-wide planning agencies and the political environment in which planning occurs are analyzed. *Credit: 3 semester hours.*

### **1020 Advanced Health Services Administration**

*Prerequisites:* HCA 1002 and HCA 1012. Examination of selected problems in managing health care organizations. Emphasis on health care institutions through review of current research and available case studies. *Open to HSA juniors and seniors only. Credit: 3 semester hours.*

### **1021 Health Program Evaluation**

*Prerequisite:* HCA 1100 and 1101. The uses of evaluation as part of health program development and as a management tool to analyze the efficiency, effectiveness, and impact of health programs. Various analytic approaches and design techniques studied. *Credit: 3 semester hours.*

### **1023 Internship in Institutional Health Services Administration**

*Prerequisite:* Permission of the Director and HSA 1002. HSA seniors are provided with an opportunity to gain practical experience in a health care institution. Students are required to maintain an administrative log of activities and to periodically meet with the supervisor and course instructor to evaluate experience in addition to submitting a written evaluation at the completion of the internship. *Credit: 3 semester hours.*

### **1024 Internship in Institutional Health Services Administration**

*Prerequisite:* Permission of the Director and HCA 1002. *Credit: 6 semester hours.*

### **1025 Internship in Health Service Organizations**

*Prerequisite:* Permission of the Director and HSA 1002. HSA seniors are provided with an opportunity to gain practical experience in a health care service, agency or organization. Students are required to maintain an administrative log of activities and to periodically meet with the supervisor and course instructor to evaluate experience in addition to submitting a written evaluation at the completion of the internship. *Credit: 3 semester hours.*

### **1026 Internship in Health Service Organizations**

*Prerequisite:* Permission of the Director and HSA 1002. *Credit: 6 semester hours.*

### **1027; 1028 Senior Extended Internship in Institutional Health Services Administration**

*Prerequisite:* For 1027: Permission of the Director and HSA 1002. 1027 is a prerequisite for 1028. HSA seniors gain practical experience in a health care institution. Students must maintain an administrative log of activities and periodically meet with the supervisor and course instructor to evaluate experience in addition to submitting a written evaluation at the completion of each semester. *(This is a two-semester internship.) Credit: 3 semester hours.*

### **1029; 1030 Senior Extended Internship in Health Services Organizations**

*Prerequisite:* For 1029: Permission of the Director and HSA 1002. 1029 is a prerequisite for 1030. HSA seniors gain practical experience in a health care agency or organization. Students must maintain an administrative log of activities and periodically meet with the supervisor and course instructor to evaluate experience in addition to submitting a written evaluation at the completion of each semester. *(This is a two-semester internship.) Credit: 3 semester hours.*

### **1031 Occupational Health and Industrial Hygiene**

Consideration of the environment inside public and private institutions. Health programs, industrial safety, occupational health hazards and industrial health administration are topics for discussion. *Credit: 3 semester hours.*

### **1032 Environmental Health Control**

The function of government and private agencies in regulating our environment. The role of public health and other agencies' inspectors. Analysis of the quality of air, water, food, sanitation, toxic wastes and other factors affecting pollution levels. *Credit: 3 semester hours.*

### **1033 Drugs: Legal and Illegal; Use and Abuse**

Overall study of contemporary use and abuse of legal and illegal substances including alcohol, tobacco, prescriptions and "over-the-counter" medicines, narcotics, mood-changers, hallucinogens and synthetics. The effects on individuals and society and the roles played by diverse participants. *Credit: 3 semester hours.*

### **1034 Drug Programs and Control**

The diversified approaches to drug control are explored, including programs designed to maximize the effectiveness of each approach, both individually and organizationally. Laws and governmental and private agencies involved with each type of program are investigated. *Juniors and seniors only. Credit: 3 semester hours.*

### **1035 Ambulatory Care: Organization and Administration**

*Prerequisite:* HSA 1002. An examination of affiliated and non-affiliated, connected and free standing ambulatory care centers; their organizational diversities and styles of administration. Included are pre-paid and fee-

for-service arrangements, community outreach programs, venture capital needs, governmental regulations and agencies' interests, public and private responses to the community. *Credit: 3 semester hours.*

### **1036 Introduction to Epidemiology and Public Health**

Examination of sources and distribution of diseases using available public health data including descriptive statistics and the impact of findings on public health policy. *Credit: 3 semester hours.*

### **1037 Introduction to Gerontology**

The study of aging as part of the social as well as biologically determined life cycle. Issues examined include work, retirement, income, family life and support systems and the health and other services provided to the elderly population. *Credit: 3 semester hours.*

### **1038 Patient Rights, Responsibilities and Advocacy**

The role and function of the patient advocate in various health care facilities and settings. Some of the topics discussed include community ombuds-programs, informed consent, patient's bill of rights and responsibilities and health care proxy laws. *Credit: 3 semester hours.*

### **1039 Introduction to Health Education**

An overview of the processes of human learning. The management of general and specific educational programs in the health area for the individual, the organization and the community are explored. *Credit: 3 semester hours.*

### **1040 Long-Term Care Administration**

An examination of management practices and policy issues of nursing homes and home care organizations, including hospice care. The effects on patients, the family and the community are explored. *Credit: 3 semester hours.*

### **1041 The Economics of Health Care**

*Prerequisite:* ECO 1001 or HSA 1100. Application of economic concepts to the study of the health care system. Topics include the inter-relationship of the health care industry to other sectors of the economy, health manpower shortages and surpluses, the markets for physician and hospital services, the performance and structure of the health insurance industry and the competing political economic strategies of health care organization. *Credit: 3 semester hours.*

### **1042 Introduction to Managed Health Care**

*Prerequisite:* HSA 1002, HSA 1012 and HSA 1100. This is a course on economies of health care and the central economic issue of managed health care. The course gives a comprehensive overview of the basic concepts and practices associated with the dynamic world of managed health care. *Credit: 3 semester hours.*



### **1100; 1101 The U.S. Health Care Systems (HSA 1100 formerly HSA 1001)**

HSA 1100 is a prerequisite for HSA 1101. Examination and analysis of the organization, delivery and finance of health services including public health and personal health care. Emphasis is given to the changing role of physicians, the impact of regulation and competition on the cost and quality of care and the institutional and political contexts shaping the system. The social determinants of health status are analyzed. *This sequence should be taken during the first year of the HSA program. Credit: 3 semester hours.*

### **1102 Comparative Health Care Systems**

*Prerequisites:* HCA 1101 and HCA 1100. Comparative analysis of the Canadian, major West and East European and Japanese health care systems. Third-world delivery systems are studied. Administrative, financial and benefit structures are examined in the context of changing social, economic and political developments in these societies. *(For health services administration majors, it is suggested that this course be taken in their second, third or fourth year.) Credit: 3 semester hours.*

## **History (HIS)**

(Queens)

### **1000C Emergence of a Global Society**

See description in University Core Courses. *Credit: 3 semester hours.*

### **1003 American History**

This course traces the development of our nation's history from its European beginnings and earliest colonial times to the Civil War, with special attention given to institutions and politics. *Credit: 3 semester hours. HIS 2700; 2710 (SI).*

### **1004 American History**

This course traces the development of our nation's history from the Reconstruction period to World War II, with special attention given to institutions and politics. *Credit: 3 semester hours. HIS 2720; 2730/40 (SI).*

### **1005 History of Modern World: The 19th-Century**

A course examining the main trends, factors and problems in the nineteenth century world (1789-1914). Topics covered include: Liberalism, the rise of socialism, the industrial revolution, emerging nationalism and imperialism. *Credit: 3 semester hours.*

### **1006 History of the Modern World: The 20th-Century**

A course examining the main trends, factors, and problems in the twentieth century world (1914-present). Topics covered include: World War I, the rise of fascism, Soviet totalitarianism, World War II, the end of the colonial empires, the Cold War and the Sino-Soviet split. *Credit 3 semester hours.*

### **1009 History of the Soviet Union**

The main political, social and economic developments in the Soviet Union from the Bolshevik Revolution to the present; the world power role of the U.S.S.R.; the Communist Bloc. *Credit: 3 semester hours. HIS 3650 (SI).*

### **1016 Contemporary World Issues**

This course assists students in an examination of current issues confronting the modern world. The basis for the course, that current events may only be fully analyzed by placing them in the context of historical development, leads to a selection of topics on the national and international scene which vary from semester to semester and is dependent upon the instructor. *Credit: 3 semester hours.*

### **1017 Contemporary United States**

Selected political, social, economic and cultural developments and problems from the Second World War to the present. *Credit: 3 semester hours. HIS 2750 (SI).*

### **1018 The Vietnam War**

A military, diplomatic and cultural history of the American war in Vietnam. Particular attention is devoted to studying the Vietnam War as an outgrowth of the Cold War, assessing its military and diplomatic components and measuring its formative impact upon American life. *Credit: 3 semester hours.*

### **1020 History and Structure of the Court System**

An examination of the history and structure of the New York State court system with particular emphasis on the criminal and Supreme Court structure of New York City. CRJ 1025. *Credit: 3 semester hours.*

### **1022 United States Supreme Court**

An intensive study of the history and development of the Supreme Court. Both traditional source material and contemporary scholarship are analyzed. *Credit: 3 semester hours.*

### **1024 Black American History: Colonial Times to The Civil War**

Designed to survey the historical contribution of African Americans. The period of focus begins with the arrival of the first slaves in the colonies in the 17th century and continues to the outbreak of the Civil War. *Credit: 3 semester hours.*

### **1025 Black American History: The Civil War to World War II**

Examines the history of black Americans from the Civil War and Reconstruction period to 1914. The course focuses both on the position of African Americans in society and on their contribution to that society. *Credit: 3 semester hours.*

### **1026 Geography and Global History**

An examination of the physical geography of the world and its relationship to global historical development. Topics included are the location and climate of states, their topography and size, their raw materials and soil, their demographic development, etc. *Credit: 3 semester hours.*

### **1027 African Civilization I**

The foundation and the development of African civilizations are examined, as well as the contributions of these civilizations to world culture. *Credit: 3 semester hours.*

### **1028 African Civilization II**

The continued development and the expansion of African civilizations are explored. Emphasis is placed on the contact between Africa and the outside world. *Credit: 3 semester hours.*

### **1029 The African American Community from World War I to the Present**

Examines in detail the personalities and movements that have influenced African-American communities in 20th-century United States. Political, social and religious movements are examined. Special emphasis is placed on the civil rights movement. *Credit: 3 semester hours.*

### **1030 The History of Immigration in the United States**

A discussion of why different ethnic groups came to the U.S. and how immigrants adjusted to or modified the society they found. There is also an examination of the hostilities faced by all groups as well as how U.S. immigration policies have developed and changed over the years. *Credit: 3 semester hours.*

### **1031 History of Modern Eastern Europe**

This course analyzes events in Eastern Europe from approximately 1918 to the present. It provides cultural, historical and political frameworks for an examination of recent events in this area. The focus of attention is on the individual nations of Eastern Europe, with concluding coverage of the region as a bloc. *Credit: 3 semester hours.*

### **1035 Women in Western Society: 1800 to the Present**

An examination of the particular roles women have played in Western society from the eve of industrialization to the present time. By focusing on women, the course informs the student about the nature and impact of industrialization in society. *Credit: 3 semester hours.*

### **1036 Ancient and Colonial Influences on Modern Africa**

Focuses on the culture, traditions and political life of ancient and colonial African civilizations, especially those of West Africa. It provides an analysis of historical, cultural and socio-economic dynamics that gave rise to the contemporary re-Africanization movement. The course is taught in Senegal and Ghana. *Credit: 3 semester hours.*

### **1037 United States Labor History**

A survey of working class organization from its 18th-century journeyman origin to the present. The course focuses on the development of the labor movement as it has responded to the challenges of economic development and the policies of employers and government. The contrasting organizational structures, policies and ideologies of the Knights of Labor, the IWW, and AFL and CIO unions are studied. *Credit: 3 semester hours.*

### **1038 Intellectual and Cultural History of the Western World**

A survey of the intellectual and cultural movements that have given the West its identity. An interdisciplinary approach is used to study the great movements of Western civilization as reflected in art, architecture, historical discourse, literature, music, philosophy, poetry and the social sciences and how these influenced political and social history. *Credit: 3 semester hours.*

### **1041 War and Peace**

This course will be a history of causes and consequences of war and peace. It will survey the evolution of war, its changing patterns and its effect on the human experience in modern times. Issues and questions related to how and why nations go to war and the human cost and consequences of war will be emphasized. Cf: HON 1041. *Credit: 3 semester hours.*

## **Homeland and Corporate Security (HCS) (Queens, Staten Island)**

### **1001 Introduction to Homeland Corporate Security**

An analysis of various types of investigation and protection organizations, departments and services. (Cf. CRJ 1052.) *Credit: 3 semester hours.*

### **1002 Contemporary Legal Issues in Private and Public Protection**

An analysis of legal aspects of private and public protection including the major constraints imposed upon security and public safety operations and personnel by the law. (Cf. CRJ 1053.) *Credit: 3 semester hours.*

### **1003 Corporate Assests Protection and Safety**

An exploration of current problems in loss prevention and business security. *Credit: 3 semester hours.*

### **1004 Disaster Response and Hazard Control**

This course focuses upon the various emergency-response techniques that have been developed to counter natural and man-made disasters as well as the administrative control of hazardous materials and services. *Credit: 3 semester hours.*

### **1005 Crime Prevention and Security Consultant**

This course explores the methods by which the security professional or government administrators can educate organizations and individuals on recognition, prevention and damage minimization. *Credit: 3 semester hours.*

### **1006 Security Concepts and Organizational Leadership**

This course focuses upon the management of proprietary security and safety personnel, as well as organizational planning within a corporation or government agency. *Credit: 3 semester hours.*

### **1007 Security Investigations**

Contemporary developments in scientific devices and techniques that relate to the fields of security, safety and investigation. (Cf. CRJ 1005.) *Credit: 3 semester hours.*

### **1009 Internship in Corporation Security**

*Prerequisite: Permission of the Director.*

Supervised fieldwork with a proprietary (in-house) Security Department within the retail, hotel, education, health care, insurance, manufacturing, banking or recreation industries. *Credit: 3 semester hours.*

### **1010 Intelligence Gathering Analysis and Protection**

An analysis of proactive investigative techniques and protective counter measures employed in industry and government to secure trade secrets, classified documents and confidential information sources. *Credit: 3 semester hours.*

### **1012 Internship in Governmental Public Safety**

*Prerequisite: Permission of the Director.*

Supervised fieldwork within a government agency or division of any municipality, state or the federal government specializing in safety regulation, disaster control, emergency services, civil defense, code enforcement, crime prevention or public safety. *Credit: 3 semester hours.*

### **1013 Internship in the Protection Technology Industry**

*Prerequisite: Permission of the Director.*

Supervised fieldwork in a business specializing in the manufacture, sale or installation of protection or investigative devices, including intrusion detection, access control, electronic surveillance, screening and sensing products, weapons, security communications and K-9 training. *Credit: 3 semester hours.*

### **1014 Advanced Internship in Commercial Security or Governmental Public Safety**

*Prerequisite: SEC 1008 or 1009 or 1012 or 1013 and permission of the Director.*

Supervised advanced fieldwork in proprietary or contract security, governmental public safety or security technology. *Credit: 3 semester hours.*

### **1015 Legal Aspects of Modern Security Investigation**

An examination of the various responsibilities assigned to private or government investigators by trial attorneys or litigation departments during civil, criminal or administrative proceedings. *Credit: 3 semester hours.*

### **1017 Public Safety Regulatory and Enforcement Agencies**

An overview of municipal, state and federal government agencies having the responsibility to regulate activities and enforce laws pertaining to public safety. *Credit: 3 semester hours.*

## **Hospitality Management (HMT) (Queens, Staten Island)**

### **1000 Orientation to the Hospitality Industry**

*Prerequisite: none.* A survey course of the hospitality industry. *Credit: 3 semester hours.*

### **1001 Principles of Hotel Operations**

*Prerequisite: MGT 1001.* A study of the management functions as they pertain to hotel operations. Emphasis is placed on the techniques and tools of management, planning, organizing, staffing and controlling. *Credit: 3 semester hours.*

### **1002 Front Office Operations**

*Prerequisite: MGT 1001.* A study of the front office procedures including both human and non-human resources. Emphasis is placed on forms and programs, from reservations through the night audits. *Credit: 3 semester hours.*

### **1003 Food and Beverage Service**

*Prerequisite: MGT 1001.* A study of food and beverage service with emphasis on general management functions. Topics include service styles, practices, and principles and procedures in food and beverage service operations. *Credit 3 semester hours.*

### **1004 Service Management**

*Prerequisite: MGT 1001.* Attention is focused on current trends, food delivery system, marketing, logistical support, menu planning, service control and quality assurance of service management. *Credit: 3 semester hours.*

### **1005 Travel and Tourism**

*Prerequisite: none.* A survey of management activities as they pertain to the travel and tourism industry. Topics include: tourism geography, industry organization, travel and behavior tourism planning. *Credit: 3 semester hours.*

### **1006 Management of Public and Health Safety**

*Prerequisite: MGT 1001.* A study of the management aspects of public health and safety to include federal, state and local laws and requirements of conducting business. *Credit: 3 semester hours.*

**1007 Hospitality Law and Ethics**

*Prerequisite:* BLW 1001. Legal aspects of the innkeeper and guest relationship with emphasis placed on personal and property liability. Appropriate federal, state and local cases examined. *Credit: 3 semester hours.*

**1008 Hospitality Financial Management**

*Prerequisites:* ACC 1007; ACC 1013. A survey of the concepts, theories and processes of modern financial management as applied to the special circumstances of the hospitality enterprise. *Credit: 3 semester hours.*

**1009 Capstone Hospitality Management**

*Prerequisite:* Senior status. Summarizes and integrates many of the topics from the major areas of hotel, restaurant, travel and tourism. Students apply cumulative knowledge and experience while completing their projects. *Credit: 3 semester hours.*

**1020 Restaurant Management**

*Prerequisite:* HMT 1000; HMT 1003. An analysis of the food service systems and operations including menu management, purchasing, pricing, marketing, beverage management, food service sanitation, and management principles applied to a restaurant operating environment. *Credit: 3 semester hours.*

**1022 Wine Appreciation and Management**

*Prerequisite:* HMT 1000; HMT 1003 or permission of instructor. A study of principles and practices for managing wine and wine sales. Topics include: wine appreciation, selection, purchasing, storage, compiling of wine lists, serving wine, and pairing of wine and food. (Special note: Classes may be offered externally under instructor's supervision. Supply fees for wine tasting may be required. LEGAL DRINKING AGE IS REQUIRED FOR COURSE REGISTRATION.) *Credit: 3 semester hours.*

**1025 Cost Controls**

*Prerequisite:* ACC 1007. Basic principles of cost control of food, beverage (including non-food items) and labor. Emphasis placed on systems used for product identification, receiving, storing, budgeting, forecasting and internal controls. *Credit: 3 semester hours.*

**1030 Hospitality Marketing**

*Prerequisites:* MKT 1001; HMT 1000. Overview of the discipline of marketing as it applies to the hospitality industry and understanding how a marketing strategy is devised and executed in relation to the hospitality objectives. *Credit: 3 semester hours.*

**1035 Food Service Management in Institutions**

*Prerequisite:* HMT 1003. An analysis of the food-service business in institutions, hotels, health care, office, industrial complexes, airline catering, educational institutions, contract companies, hospital and extended-care facilities. *Credit: 3 semester hours.*

**1040 International Cuisines**

*Prerequisite:* HMT 1003. A study of culinary characteristics combined with history, life-style, and culture to define the food elements and patterns unique to countries and regions around the world. Additional fees will be required for restaurant visits. *Credit: 3 semester hours.*

**1045 Housekeeping Management and Operations**

*Prerequisite:* HMT 1000. Application of various systems, procedures and controls associated with housekeeping departments. Emphasis on management delegation scheduling systems, routines, equipment requirements and laundry operations. *Credit: 3 semester hours.*

**1050 Hospitality Facilities Management**

*Prerequisite:* HMT 1000. A survey of the problems and opportunities inherent in managing hospitality facilities. *Credit: 3 semester hours.*

**1055 Global Leadership in Hospitality Management**

*Prerequisite:* HMT 1000. A study of management principles and effective leadership in global hospitality environments. Topics include the application and development of international policies, regional analysis of social and work environment, global business ethics, leadership principles, and conflict management strategies to accommodate individual and organizational changes. *Credit: 3 semester hours.*

**1061 Event Management**

*Prerequisite:* HMT 1000. An introduction to the process of leadership and management techniques for the planning, coordinating, and promoting events. *Credit: 3 semester hours.*

**1065 Convention and Meeting Management**

*Prerequisites:* HMT 1000, MGT 1001. A study of convention and meeting planning principles and procedures with emphasis on program development and coordination, budgeting, marketing, public relations, food and beverage elements, hospitality functions, current practices, and technology advances as related. *Credit: 3 semester hours.*

**1070 Current Issues in Hospitality and Tourism**

*Prerequisite:* HMT 1005. Analysis of current issues in the hospitality and tourism industry with emphasis on historical, current and future trends, and their short- and long-term implications for the management. *Credit: 3 semester hours.*

**1071 International Travel Destinations and Cultures**

*Prerequisite:* HMT 1005. An introductory survey course of world travel destinations including an exploration of the customs, habits, festivals and historical sights as these are related to the travel and tourism industry. *Credit: 3 semester hours.*

**1072 Resorts Management**

*Prerequisites:* HMT 1000. This course provides students with comprehensive need-to-know information on the management and operation of today's wide range of resorts, from golf courses, ski resorts, spas and casinos to theme parks and cruises. *Credit: 3 semester hours.*

**1073 Cruise Operations Management**

*Prerequisite:* HMT 1000; HMT 1005. This course provides a comprehensive analysis of the international cruise lines industry including the history, development, market trends, and operational insights into its management and marketing. Operating structures, systems, management practices, and current industry issues are discussed based upon the contemporary cruise experience. A FIELD TRIP WITH ADDITIONAL FEES WILL BE REQUIRED. CONSENT OF THE INSTRUCTOR REQUIRED BEFORE REGISTRATION. *Credit: 3 semester hours.*

**1075 Hospitality Information Technology**

*Prerequisites:* HMT 1000; CUS 1102. A study of information technology systems used in the hospitality industry both domestically and globally. *Credit: 3 semester hours.*

**1077 Hospitality Security Management**

*Prerequisites:* HMT 1000. Security techniques used to enhance safety of persons and property, including loss prevention, administration, organizing, emergency planning and liability in the hospitality industry. *Credit: 3 semester hours.*

**1080 Hospitality Labor and Management Theory**

*Prerequisite:* MGT 1001; HMT 1000. An analysis of the interaction of the work environment: examination of organizational behavior and structures to include labor and management interactions. *Credit: 3 semester hours.*

**1093 Independent Study in Hospitality Management**

*Prerequisite:* Junior or senior HMT major with a minimum cumulative GPA of 2.75 and Director's permission. Individualized independent study. Under the guidance of a hospitality management faculty member, a student will pursue an in-depth study of a significant issue or problem in lodging management, restaurant management, travel or tourism, or participate in a lodging management, restaurant management, travel or tourism project. *Credit: 3 semester hours.*

**1094 Hospitality Management Internship I**

*Prerequisite:* Junior or senior HMT major with a minimum cumulative GPA of 2.75 and Director's permission. An off-campus experience with a professional hotel, restaurant, food service or tourism organization, with supervised practical experience to further prepare HMT majors for their professional careers. *Credit: 3 semester hours.*

### **1095 Hospitality Management Internship II**

*Prerequisite:* Junior or senior HMT major with a minimum cumulative GPA of 2.75 and Director's permission. A second off-campus experience with a professional hotel, restaurant, food service or tourism organization, with supervised practical experience to further prepare HMT majors for their professional careers. *Credit: 3 semester hours.*

### **2001A International Tourism Management: An Italian Approach**

*Prerequisite:* HMT 1000; HMT 1005. This is a 5-week summer study abroad program offered at Università Di Perugia in Assisi, Italy. The course combines classroom lectures with supervised field trips to various hospitality establishments in the Umbria region, the heart of Italian tourism industry and tradition. Additional program fees will be required. Consent of the instructor required before registration. *Credit: 3 semester hours.*

### **Human Services (HSC) (Queens)**

#### **1020 Survey of Human Services**

Introduction to the field of human services: history, theories, principles and values of human services. Survey of roles for human service workers, clients to be served, and delivery of services to clients. *Credit: 3 semester hours.*

#### **1030 Human Growth and Development**

Study of human physical, mental, social, emotional and moral growth and development from the prenatal to later adult years. *Credit: 3 semester hours.*

#### **1049 Career Theory and Planning in the Human Services**

Developing strategies and skills for facilitating entry into the human services job market for a systematic approach to career development and implementation of career goals. *Credit: 3 semester hours.*

#### **1060 Methods and Policies for the Human Services**

Survey of selected knowledge and skills related to models and methods of intervention, including competence in interviewing; case management skills; vocational, social and psychological skills; client advocacy skills; problem-solving skills and selected counseling skills. *Credit: 3 semester hours.*

#### **1065 Group Dynamics for the Human Services**

The course provides students with exercises and analyses related to the dynamics of social group interaction as they function in the human services environment. *Credit: 3 semester hours.*

#### **1071 Gerontology**

Methods and materials for meeting the special needs of the aging. *Credit: 3 semester hours.*

#### **1072 Child Advocacy**

Methods and materials for understanding interpersonal violence and for meeting the special needs of the abused and neglected child. *Credit: 3 semester hours.*

#### **1073 Chemical Dependency**

Methods and materials for meeting the special needs of the drug/alcohol abuser. *Credit: 3 semester hours.*

#### **1074 Chronically Mentally Ill**

Methods and materials for meeting the needs of the mentally disabled. *Credit: 3 semester hours.*

#### **1081 Gerontology Internship and Seminar**

Twelve clock hours of supervised field experience per 12 weeks in an appropriate agency, accompanied by an on-campus weekly seminar. *Credit: 6 semester hours.*

#### **1082 Child Advocacy Internship and Seminar**

Twelve clock hours of supervised field experience per 12 weeks in an appropriate agency accompanied by an on-campus weekly seminar. *Credit: 6 semester hours.*

#### **1083 Chemical Dependency Internship and Seminar**

Twelve clock hours of supervised field experience per 12 weeks in an appropriate agency, accompanied by an on-campus weekly seminar. *Credit: 6 semester hours.*

#### **1084 Chronically Mentally Ill Internship and Seminar**

Twelve clock hours of supervised field experience per 12 weeks in an appropriate agency, accompanied by an on-campus weekly seminar. *Credit: 6 semester hours.*

#### **1085 Child Care Internship and Seminar**

Twelve clock hours of supervised field experience per 12 weeks in an appropriate agency, accompanied by an on-campus weekly seminar. *Credit: 6 semester hours.*

#### **1088 Chemical Dependency and the Family Internship and Seminar**

Twelve clock hours of supervised field experience per 12 weeks in an appropriate agency, accompanied by an on campus weekly seminar. *Credit: 6 semester hours.*

#### **1100 Research Course**

This course is an introduction to survey research. It will introduce the different data collection procedures and methods used for studies in research. This course will cover both qualitative and quantitative methods of data collection and interpretation. Emphasis will be on students getting an actual research experience. *Credit: 3 semester hours.*

#### **1102 Social Justice**

This course examines the principles of social justice (such as equality of opportunity and freedom from want) and their application to American society. Particular emphasis will be given to inequalities of race/ethnicity, gender,

anger and class as they affect individuals, families and organizations in the United States and how this impacts on the delivery of services by human service professionals. *Credit: 3 semester hours.*

### **Journalism (JOU) (Queens)**

#### **1000 Introduction to Journalism**

An overview of all the media of journalism, from newspapers and wire services to radio, television and online news sites. The course will focus on the wealth of opportunities in journalism from major media to newsletters, trade magazines, iPods and others. The course will emphasize the different styles of writing required in each medium and the role of journalism in a democracy. *Credit: 3 semester hours.*

#### **1200 Photojournalism**

Its principles and practices, including the role of the photojournalist, techniques of photography, picture editing and ethics of photojournalism. (*Note: students must own a still camera, preferably 35 mm.*) *Credit: 3 semester hours.*

#### **1400 Introduction to Magazine Publishing**

A survey course designed to introduce students to magazines as a form of journalism and a business enterprise. Subjects include the functions and problems of editorial, circulation, advertising, production and other magazine departments. *Cross referenced with COM 2406. Credit: 3 semester hours.*

#### **1401 Newspaper Administration and Organization**

This course covers newspaper organization, circulation, financial and legal matters, and management-employee relations. *Credit: 3 semester hours.*

#### **1402 Ethics and Law in Journalism**

*Prerequisite:* MCC 1000 or JOU 1000. A study of the ethical and legal problems involved in the print media, radio, TV and other media. *Credit: 3 semester hours.*

#### **1500 The History of Journalism**

An historical and interpretive study of the development of journalism from its earliest days in Colonial America to the present. *Credit: 3 semester hours.*

#### **1501 The Press and Government**

An inquiry into political and legal relationships between mass communication and government, problems in freedom of information, and government regulations affecting newsgathering and news dissemination. *Credit: 3 semester hours.*

#### **1502 The Press and the Cinema**

This course explores, both historically and aesthetically, how the press has been portrayed on the screen. Feature films are screened and discussed. *Credit: 3 semester hours.*

**2300 Newswriting I**

*Prerequisite:* JOU 1000. Intensive study and practice in the styles and techniques of writing news and features for print media, broadcast news and online news sites. The course focuses on news evaluation, newswriting on deadline, and rewriting. *Credit: 3 semester hours.*

**3300 Newswriting II**

*Prerequisite:* JOU 2300. Advanced training and practice in reporting a variety of public affairs, from city to federal agencies, with special focus on using public documents. *Credit: 3 semester hours.*

**3301 Copy Editing**

*Prerequisite:* JOU 2300. A study of the principles and practices of copy editing as applied principally to newspapers, including a study of how words are used and misused. *Credit: 3 semester hours.*

**3302 Magazine Article Writing and Editing**

*Prerequisite:* JOU 1400. An advanced magazine journalism course designed to prepare students to write nonfiction articles for consumer and business magazines. Intended for the student contemplating full-time magazine editorial work or freelance writing. *Credit: 3 semester hours.*

**3303 Writing and Editing for the Business and Specialized Press**

*Prerequisite:* JOU 2300. An advanced course to introduce students to the world of business publications, which far outnumber consumer magazines and offer many more employment opportunities. *Credit: 3 semester hours.*

**3304 Sports Writing**

*Prerequisite:* JOU 2300 or COM 2301. A study of and practice in writing sports stories and feature articles for newspapers. *Credit: 3 semester hours.*

**3306 Newsgathering**

*Prerequisite:* JOU 2300. The course utilizes the techniques learned in newswriting classes for the purpose of mastering more complex reporting and writing problems. *Credit: 3 semester hours.*

**3305 Online News**

*Prerequisite:* JOU 2300 or COM 2301. An introduction to journalists' use of computers to access, retrieve and evaluate information from the Web, databases and other Internet sources. The resulting news and investigative articles will be written in the style and format of online news sites. *Credit: 3 semester hours.*

**3307 The Craft of Interviewing**

*Prerequisite:* JOU 2300 or COM 2301. An in-depth overview of the dimensions of the interview process, this course discusses preparation, the formulation of questions, television and print interviewing, and the writing of the interview article. *Credit: 3 semester hours.*

**3308 The New Journalism: The Reporter as Artist**

*Prerequisite:* JOU 2300. This course analyzes the phenomenon known as the "New Journalism." The widely varying views of its supporters and detractors are presented in a broad spectrum of works. *Credit: 3 semester hours.*

**3309 The Journalist as Critic**

*Prerequisite:* JOU 2300. A survey course designed to introduce students to criticism. Students review film, theater, literature, music (both popular and classical), dance and restaurants. *Credit: 3 semester hours.*

**3310 Investigative and In-Depth Reporting**

*Prerequisite:* JOU 2300. A study of the techniques necessary to carry out extensive investigations of significant issues, both on local and national levels, with particular emphasis on moral and legal problems. *Credit: 3 semester hours.*

**3311 Crime Reporting**

*Prerequisite:* JOU 2300 or COM 2301. An examination of the ethics and newsgathering techniques of police beat reporting. The relationships between the press, the public and law enforcement agencies are examined in depth. *Credit: 3 semester hours.*

**3312 Broadcast Journalism: Radio**

*Prerequisite:* JOU 2300 and COM 2303. A course in radio journalism emphasizing performance and production. Students gather, write and tape their own radio news stories and programs. (Cf.: COM 3302.) *Credit: 3 semester hours.*

**3313 Broadcast Journalism: Television**

*Prerequisite:* JOU 2300 and COM 2303. An advanced course in television journalism. Students pursue topics in TV journalism and produce their own television news programming. *Laboratory fee: \$30. Cf.: COM 3303. Credit: 3 semester hours.*

**4300 Advanced Newswriting**

*Prerequisite:* JOU 2300. This course offers the student extended practice in collecting, evaluating and writing news with emphasis on newsgathering techniques. *Credit: 3 semester hours.*

**4301 International Reporting**

*Prerequisite:* 3.25 GPA in major and JOU 3300 or permission of instructor. Students are prepared for the task of reporting international news, on scene or from afar via modern communications technology. Students learn journalistic techniques and become familiar with key issues and logistics involved in working outside their home countries, in print, visual, aural, online or across platforms. *Credit: 3 semester hours.*

**4600 Independent Study in Journalism**

*Prerequisite:* Permission of the Director. Individualized independent study under the guidance of a faculty member. Students pursue an in-depth study or participate in a journalism

project. *Approval of project is at the discretion of the Director of the Journalism Program. Credit: 1 semester hour.*

**4601 Independent Study in Journalism**

*Prerequisite:* Permission of the Director. Individualized independent study under the guidance of a faculty member. Students pursue an in-depth study of a topic or participate in a journalism project. *Approval of project is at the discretion of the Director of the Journalism Program. Credit: 2 semester hours.*

**4701 Journalism Practicum**

*Prerequisite:* JOU 3300 and permission of the director. A workshop course designed to give journalism majors the experience of working on a college newspaper. They will report and write articles for publication. *Credit: 3 semester hours.*

**4702 Advanced Newspaper Practicum**

*Prerequisite:* JOU 4701 and permission of the director. This course gives journalism majors extended and advanced practice in writing and reporting for a college newspaper. *Credit: 3 semester hours.*

**5001, 5002, 5003, 5004 Journalism Internship**

*Prerequisite:* Permission of the Director *Credit: 3 semester hours each.*

**7000 Cameras in the Courtroom**

An in-depth examination of the legal issues involving video technology in American courtrooms. The emerging role of videotape in the legal system is considered from the viewpoints of litigants, attorneys, judges and the public. Mini-Session. Free elective only. *Credit: 3 semester hours.*

**Language and Culture (LAC) (Queens)****1000C Language and Culture (formerly 1013C)**

This course examines communication as it affects and is affected by culture. Topics include barriers to effectiveness, competent intercultural communication in ethnic, intergenerational, gender and deaf subcultures; and recent international problems and issues from an intercultural perspective. *Credit: 3 semester hours.*

**1050 Language and Culture: Human Rights**

This course will examine relevant conflicts arising from cultural differences, including ethnic, religious, gender, sexual orientation, and class. Students will analyze The Universal Declaration of Human Rights and its subsequent conventions as norms; this yardstick will be applied to problems and issues of human rights and social justice. This course will study intercultural communication in the international arena and on the interpersonal level with students examining basic concepts such as culture, communication, intercultural perception, and gender as culturally formed.



Barriers to intercultural communication, such as ethnocentrism and racism, will be explored as will cultural imperialism and globalization, and the role of media in intercultural communication. *Credit: 3 semester hours. Intersession only.*

## **Legal Studies (LES)** (Queens, Staten Island)

### **1100 An Introduction to Legal Studies**

An introduction to the legal system, including the functions, sources and types of law. Historical development and functions of the paralegal in relation to this system. *(Required for legal studies majors.) Credit: 3 semester hours.*

### **1101 Legal Writing**

*Prerequisite:* LES 1100 This course will introduce students to numerous legal writing formats. Students will apply standard English and legal drafting principles to a wide variety of writing assignments, including business letters, case briefs, pleadings, legal memoranda, wills, contracts, and regulatory materials. Ethical considerations and the significance of these documents as they relate to the practice of law will be reviewed. *Credit: 3 semester hours.*

### **1102 Legal Research**

*Prerequisite:* LES 1101 This course is an introduction to legal research using both the law library and computer-assisted research. The course will focus on the research of state and federal statutes and regulations, court opinions and administrative law determinations. Students will learn to use secondary sources such as digests and encyclopedias to research case law as well as learn how to check the status of a particular case. The course will also introduce students to computer-assisted research using Westlaw, Lexis and other internet sources. Students will apply critical thinking skills to analyze researched materials. *Credit: 3 semester hours.*

### **1003 Tort Law**

*Prerequisite:* LES 1100. A preliminary investigation of tort law, including personal injury, products liability and defamation. *Credit: 3 semester hours.*

### **1004 Litigation Practice (Civil)**

*Prerequisite:* LES 1100. An analysis of the progress of litigation in terms of papers filed in courts and exchanged between parties and the preparation of such papers. *Credit: 3 semester hours.*

### **1005 Practicum for the Paralegal**

*Prerequisite:* LES 1101, 1102 and permission of the Director. An internship: a supervised practical learning experience in a legal environment. *Credit: 3 semester hours.*

### **1006 Advanced Practicum for the Paralegal**

*Prerequisite:* LES 1005 and permission of the Director. *Credit: 3 semester hours.*

### **1007 Family Law**

*Prerequisite:* LES 1100. An examination of the aspects of family law practice including divorce, separation and child custody. *Credit: 3 semester hours.*

### **1008 Law Office Management**

*Prerequisite:* LES 1100. A practical course for the paralegal including such topics as general office management; billing procedures; client files (open, maintain, close) and professional responsibilities of the profession. *Credit: 3 semester hours.*

### **1009 Advanced Legal Research and Writing**

*Prerequisite:* LES 1101 and LES 1102. A course to develop the student's ability to write legal materials accurately and concisely. *Credit: 3 semester hours.*

### **1010 Probate and Estate Administration**

*Prerequisite:* LES 1101. Understanding the means and processes involved in the transmission of personally controlled wealth. *Credit: 3 semester hours.*

### **1011 Real Estate Law I**

This course will teach future paralegals and legal assistants who will be entering a law office practice in the area of real estate law the basic tenets of the law. Students will become proficient in the law of agency, estates and interests, deeds, and closings and will also learn to file real estate closing documents through the use of technology such as the ACRIS system required in the City of New York.\* *Credit: 3 semester hours*

*\*This course will qualify students for 30 credit hours towards a New York State Real Estate Salesperson's License.*

### **1012 Real Estate Law II**

This course will give future paralegals and legal assistants who will be entering a law office practice in the area of real estate law a more sophisticated understanding of the law. Students will become proficient in the law of residential and commercial interests, transfer of property through sale, estates and court orders, leases and evictions. Students will also perform every aspect of a real estate sales closing and prepare documents with the use of technology such as the ACRIS system required in the City of New York.\* *Credit 3 semester hours* *\*This course will qualify students for 45 credit hours towards a New York State Real Estate Salesperson's License.*

### **1013 Bankruptcy and Debtor—Creditor Practice**

*Prerequisite:* LES 1101. An introduction to the area of debtor and credit law and bankruptcy, with particular attention to the different types of bankruptcy proceedings under the New Bankruptcy Act. *Credit: 3 semester hours.*

### **1014 Insurance Law**

*Prerequisite:* LES 1101. A general introduction to insurance. Special attention to various types of insurance such as life, health, property and liability. *Credit: 3 semester hours.*

### **1015 Legal Ethics**

A comprehensive introduction to the rules regarding the ethical and professional responsibilities of paralegals as advanced by the Code of Professional Responsibility and the Model Rules of Professional Conduct. Students will gain an understanding of the current ethical issues facing paralegals as well as the distinction between personal ethics and professional ethics, the unauthorized practice of the law, conflicts of interest, attorney-client privilege, as well as related financial issues including client funds, billing and fee sharing. *Credit: 3 semester hours.*

### **1016 Corporation Law and Practice**

*Prerequisite:* LES 1100. A brief review of the New York Business Corporation Law (BCL). Preparing and filing the required forms with the NY Secretary of State. *Credit: 3 semester hours.*

### **1017 Patents, Trademarks and Copyrights**

*Prerequisite:* LES 1100. A study of the laws governing the acquisition of property rights in trademarks, copyrights and patents; copyright and patent law. *Credit: 3 semester hours.*

### **1018 Immigration Law**

*Prerequisite:* LES 1100. Introduces students to the basic law and legal concepts involved in the immigration and naturalization process. *Credit: 3 semester hours. Open to baccalaureate students only.*

### **1019 Taxation for Paralegals**

*Prerequisite:* LES 1100 and ACC 1007. A general survey of income and estate taxation emphasizing return preparation and tax planning for individuals, partnerships, corporations and estates. *Credit: 3 semester hours.*

### **1020 Employment Law and Practice**

*Prerequisite:* LES 1100. The collective bargaining process with emphasis on its dynamics, processes, powers and politics. *Credit: 3 semester hours.*

### **1021 Administrative Law and Alternative Dispute Resolution**

*Prerequisite:* LES 1100. This course presents basic concepts of administrative law and alternative dispute resolution, with emphasis on the role of non-lawyers in these areas. Students will learn both formal and informal advocacy techniques. Topics include administrative rule making, adjudication and judicial review, voluntary and involuntary arbitration and mediation programs. *Credit: 3 semester hours.*

### **1022 Title Abstracting and Closing**

*Prerequisite:* LES 1100 or BLW 1001. Introduces the student to the technicalities of reading and removing objections to real estate titles, the meaning of common objections, the forms

used to report and clear these objections, and the procedure for acting as title closer for a title company. *Credit: 3 semester hours. Free elective only. Intercession and pre-session only.*

### 1023 Environmental Law

*Prerequisite:* LES 1100. Designed to acquaint students with the legal responses, to current environmental problems, including air, water, and noise pollution. *Credit: 3 semester hours.*

### 1024 Elder Law

*Prerequisite:* LES 1100. An examination of the varied topics in the law affecting older persons, including financial and estate planning, health care, personal planning and protection. *Credit: 3 semester hours.*

### 1025 Social Security Disability Law

A comprehensive introduction to client representation during the Social Security Disability appeals process. Students will gain mastery of the different types of Social Security Disability benefits and the standards and regulations of the Social Security Administration. *Credit: 3 semester hours.*

### 1026 Students with Disabilities Law

This course examines both federal and state law for students with disabilities. The course topics include both substantive and procedural laws and the administrative legal processes, including the due process rights of students in impartial hearings. *Credit: 3 semester hours.*

### 1030 International Law

*Prerequisite:* LES 1100 Designed to introduce the student to the many aspects of the practice of international law. *Credit: 3 semester hours.*

### 1031 Seminar on Civil Rights Law and the Shaping of America

This seminar will explore the major U.S. Supreme Court decisions that shaped the laws on civil rights. The landmark cases on racial, sex, sexual orientation discrimination and the Court's response through affirmative action will be examined. Voting rights and political representation will be analyzed. *Credit: 3 semester hours. Free elective only. Intercession, pre-session, post-session only.*

### 1040 Trial Practice

*Prerequisite:* Any prior law course. The preparation of a case for trial, including basic research of the legal issues gathering and analyzing the evidence, and examination of witnesses. Not open to A.S. business and accounting students. (Cf.: BLW 1026) *Credit: 3 semester hours. Free elective only. Intercession and pre-session only. (Q, SI)*

### 1041 Comparative Legal Systems: Countries of Europe

An intense three-week program that surveys the legal systems of selected major European countries and compares them to the U.S. system. *Credit: 3 semester hours.*  
*N.B.: The following are legal specialty courses:* LES 1003, 1004, 1007, 1009, 1010, 1011, 1012, 1013, 1014, 1016, 1017, 1018, 1019,

1020, 1021, 1024, 1030, 1041, 1042. *The following are law related courses:* LES 1005, 1006, 1008, CRJ 1016, 1017, 1038.

### 1042 Legal Issues and the University's Mission, with Syllabus.

This course will teach students to use paralegal skills to study and work in a chosen area of the law that relates to an aspect of the University's mission. The course will include an overview of the American legal system's impact on Catholic, Vincentian and metropolitan issues and will identify current points of controversy and opportunity *Credit 3 semester hours.*

## Liberal Studies

(Queens, Evening)

### LST 1000 Course Description:

Students' success in college is measured by their ability to write effectively, think critically and read on a college level. To achieve these goals this course will introduce students to a wide variety of contemporary issues which will serve as a basis for discussion, analysis and writing. *Credit: 3 semester hours.*

### BLS 1099 Independent Study

Independent work in the humanities [literature, philosophy, or theology] and/or the social sciences [economics, history, political science, psychology, or sociology]. All work is conducted under the mentorship of a faculty member. *Written approval required from a specific faculty member before registering. Credit: 3 semester hours.*

## Management (MGT)

(Queens, Staten Island)

### 1000 Introduction to Business

An approach to understanding the function of business in society and what society can expect from business. Major topics: economic and social responsibilities; the functional areas; marketing, production and finance; how businesses are organized and managed; quantitative management tools; the future of business. *Credit: 3 semester hours. Open to two-year business and accounting students only.*

### 1001 Principles of Management I

Problems and processes of management; emphasis is placed on the principles and practices of management and the functions of the executive. *Credit: 3 semester hours.*

### 1003 Financial Management

*Prerequisite:* ACC 1007, ECO 1001 and 1002. Survey of corporate financial management. Emphasis is on financial statement analysis; time value of money; and, an overview of risk and return, valuation, cost of capital, capital budgeting and dividend policy. *Credit: 3 semester hours.*

### 1004 Management Information Systems

*Prerequisite:* CUS 1101 and MGT 1001. The practical application of principles governing

the selection, processing, testing, transmission and evaluation of computerized and non-computerized data within business systems are discussed. Not open to two-year business students. *Credit: 3 semester hours.*

### 1005 Industrial and Personnel Psychology

*Prerequisite:* MGT 1001. Social and psychological aspects of interpersonal relationships, individual differences, efficiency, working conditions, accident prevention, industrial mental health and counseling. *Not open to two-year business students. Credit: 3 semester hours.*

### 1006 Small Business Management

*Prerequisite:* 3 credits in management. This course discusses the dynamic role played by small business firms in the American economy. It involves the study of the small firm responding creatively to a rapidly changing economic and social environment. *Not open to two-year business students. Credit: 3 semester hours.*

### 1009 New Dimensions in Management

*Prerequisite:* MGT 1001. Examination of current critical management issues, problems and possible solutions that have been generated by a new organizational perspective. Emphasis is placed on the quality of work life. *Credit: 3 semester hours. Free elective only. Intercession and pre-session only.*

### 1010 Japanese Management (Theory Z)

Analysis and exploration of Theory Z; how it works, its impact on production in Japan, why it is so effective with Japanese workers, and its implementation. The issue of Theory Z's potential effectiveness in U.S. is examined, and it is compared to present-day approaches already in use in the U.S.; cultural issues of job satisfaction and job mobility. *This course is open only to four-year students. Credit: 3 semester hours. Free elective only. Intercession and pre-session only. (SI)*

### 1012 Skills and Strategies for Women

The study of women's changing role in management. Issues involving management functions; communication skills; power and politics; group process; hiring and separation. Open to both male and female students. *Credit: 3 semester hours. Free elective only. Intercession and pre-session only.*

### 1014 Introduction to International Business

This course stresses the similarities and differences in international business management functions, processes and structures as related to the changing cultural, social, economic and political environment. The changes in management philosophies and practices as well as their adaptations to fit the political conditions in different countries are also be considered. *(Open to baccalaureate students only.) Credit: 3 semester hours.*

### **1021 Cultural Environment of Human Resources**

*Prerequisite:* MGT 1014. An analysis of how different cultural values and language affect labor resources. Areas of study include the impact of socio-cultural factors on management selection training; the advantages and disadvantages of international assignments; profiles of U.S. subsidiaries and local firms. *Credit: 3 semester hours.*

### **1022 Doing Business with the Pacific Rim**

*Prerequisite:* MGT 1014. A survey course discussing the fundamental elements of doing business with the Pacific Rim countries. Detailed discussion of how the specific environmental factors (geographic, economic, political, social and cultural) affect business transactions. Special attention is paid to the role of government, and the legal system in fostering international business, with an analysis of the recent regional trade agreements. *Credit: 3 semester hours.*

### **1023 Doing Business with Latin America and the Caribbean**

*Prerequisite:* MGT 1014. A survey course discussing the fundamental elements of doing business with Latin American and Caribbean countries. Detailed discussion of how the specific environmental factors (geographic, economic, political, social and cultural) affect business transactions. Special attention is paid to the role of government, and the legal system in fostering international business with an analysis of the recent regional trade agreements. *Credit: 3 semester hours.*

### **1024 Doing Business with Europe**

*Prerequisite:* MGT 1014. A survey course discussing the fundamental elements of doing business with European countries. Detailed discussion of how the specific environmental factors affect business transactions. Special attention is paid to the role of government and the legal system in fostering international business, with an analysis of the recent regional trade agreements. *Credit: 3 semester hours.*

### **1025 Women in Management**

An examination of women managers' experiences using an interdisciplinary analysis. Emphasis on historical and global perspectives; individual and organizational issues such as ethnicity, health and personal and family lifestyles; and exploring current trends in the issue of job discrimination and the restructuring of organizations. *Credit: 3 semester hours.*

### **1026 Entrepreneurship/How to Start Your Own Business**

*Prerequisite:* MGT 1000 or 1001, MKT 1001. Introduces the challenges and opportunities/risks in starting a business, including researching and analyzing business opportunities. The course covers the fundamentals, and students design and develop a full-fledged business plan. *Credit: 3 semester hours.*

### **2001 Eye on Washington—Managing the Federal Government**

The powerful federal administrative agencies, most of which operate under the supervision of the executive branch, are the main focus of this course. This course provides students with an understanding of the rule, authority and contribution that agencies make to the managing of the government and the nation. *Prerequisites: None. Open to two-year and four-year students. Credit: 3 semester hours.*

### **1050 Organizational Management in the EU**

Various profit and not-for-profit organizations operating in the European Union need management that is diverse and skilled in global activities. Students examine management practices in EU member nations. Management functions of planning, organizing, leading and controlling, and decision-making in a complex context of diverse cultures, languages and currencies are considered. Large, small and medium sized enterprises are considered. Staffing, social responsibility and sustainability are considered. American organizations with divisions in the EU are compared with organizations operating in their home nations. *This course is offered exclusively online. Credit 1 semester hour.*

### **1051 European Union – International Business**

This course is designed to introduce the student to the concepts of international business as it pertains to the European Union (EU). The overall concepts of international business strategy and international exchange systems will be discussed along with the role played by the environments of culture, politics, law and regional economics within the EU and surrounding areas. This course is offered exclusively online. *Credit 1 semester hour.*

### **Marketing (MKT) (Queens, Staten Island)**

#### **1001 Principles of Marketing**

The role of marketing and marketing management in the operation of an economic system is studied. The environment within which the marketing system operates and the structure, operations, resources and variables subject to the control of the marketing executive are examined. Marketing principles, trends and policies are emphasized. *Credit: 3 semester hours.*

#### **1002 Fundamentals of Advertising and Sales Promotion**

*Prerequisite:* MKT 1001. The function of advertising and its relationship to the growth and development of markets for new and old products. *Credit: 3 semester hours.*

#### **1020 International Distribution: Marketing Strategies**

*Prerequisite:* MKT 1001. A survey of how products and services are distributed internationally. A comparison of the methods

and systems of product development, assessment, acceptance and distribution in relation to the product life cycle. Emphasis on the application of basic marketing principles to the international environment and specific marketing situations. *Credit: 3 semester hours.*

### **Mass Communications Core (MCC) (Queens, Staten Island)**

#### **1000 Introduction to Mass Communications**

An examination of the role of the mass media in significant aspects of contemporary life as they relate to culture, politics and education. *Credit: 3 semester hours. Also available online as distance learning.*

#### **1100 Multimedia Communication**

This course is designed to introduce students to Critical thinking, writing and media skills necessary To communicate effectively. This is a multimedia survey course which integrates writing with the sounds and images of media platforms such as radio, television, and the Web. Student will apply theory and skills to effectively target audiences. *Credit: 3 semester hours.*

### **Mathematics (MTH) (Queens, Staten Island)**

Students are placed in an appropriate initial course in mathematics selected from 1003 or 1007 or 1009. Unless otherwise specified, MTH 1003 may be followed by 1004 or 1005 or 1007 or 1008 or 1021; 1007 may be followed by 1009 or 1005 or 1008 or 1021; 1009 may be followed by 1010 or 1008 or 1021. Consult specific requirements for your major before selecting a second mathematics course. It is advised that required mathematics courses be taken in consecutive semesters.

#### **1001 Introduction to Algebra**

Review of signed numbers and numerical fractions; polynomials; factoring; equations; algebraic fractions; exponents; coordinate system; graphs and equations of lines; functions. *Open only to freshmen. Credit: 3 semester hours. Class meets four hours per week.*

#### **1003 Introduction to College Mathematics I**

Real numbers; exponents, polynomials; rational fractions; equations, inequalities and systems; functions. *(Not open to students who have completed MTH 1007 or MTH 1009.) Credit: 3 semester hours.*

#### **1004 Introduction to College Mathematics II**

*Prerequisite:* MTH 1003. Coordinate geometry; limits; continuity; differentiation; exponential and logarithmic functions. *(Not open to students who have completed MTH 1007 or MTH 1009.) Credit: 3 semester hours. (Q, SI)*

#### **1005 Mathematical Ideas and Applications**

*Prerequisite:* MTH 1003. An elementary treatment of topics chosen for their interest and/or practical application. Materials are selected from the fields of logic, probability,

statistics, algebra, matrix algebra and number theory. Use of calculators is suggested where appropriate. *Credit: 3 semester hours.*

### 1007 College Algebra and Trigonometry

The complex numbers; review of basic algebra; functions and graphs; linear, quadratic and other algebraic functions; exponential and logarithm functions; trigonometric functions and identities; inverse trigonometric functions. (Not open to students who have completed MTH 1009.) *Credit: 3 semester hours.*

### 1008 Matrix Methods

*Prerequisite:* MTH 1003 or equivalent. Matrices; systems of linear equations; linear programming; simplex method; applications to business problems. (Not open to students who have completed CUS 1182.) *Credit: 3 semester hours.*

### 1009 Calculus I

*Prerequisite:* MTH 1007 or equivalent. Limits; continuity; the derivative; applications of the derivative; the definite integral; fundamental theorem of calculus; integration of polynomial functions; areas; exponential and logarithmic functions. *Credit: 3 semester hours.* MTH 1320 (SI)

### 1010 Calculus II

*Prerequisite:* MTH 1009. Trigonometric functions; polar coordinates; applications of the definite integral; indeterminate forms; im-proper integrals; techniques of integration. *Credit: 3 semester hours.*

### 1011 Calculus III

*Prerequisite:* MTH 1010. Solid analytic geometry; partial differentiation; multiple integrals; infinite series. *Credit: 3 semester hours.*

### 1012 Linear Algebra

*Prerequisite:* MTH 1009. Vectors and vector spaces; linear transformations and matrices; characteristic values and vectors of linear transformations; similarity of matrices Eigenvalues and Eigenvectors. *Credit: 3 semester hours.*

### 1013; 1014 Probability and Statistics I; II

*Prerequisite:* MTH 1013 for MTH 1014. Basic probability laws and their application; combinatorial analysis; conditional probability and Bayes' rule; discrete and continuous distributions. Central limit theorem; statistical inference; sampling theory; estimation; hypothesis testing; goodness of fit; regression; correlation; analysis of variance. *Credit: 3 semester hours.*

### 1015 Numerical Analysis

*Prerequisite:* MTH 1009. Numerical solution of algebraic and transcendental equations; solutions of systems of linear equations; ill-conditioning; methods of interpolation; numerical differentiation and integration; initial value problems for ordinary differential equations; error estimates. *Credit: 3 semester hours.*

### 1016 Software Applications for Mathematics

*Prerequisite:* MTH 1009. Mathematical computer software, such as equation processors, function plotters, and graphics packages, are used to explore mathematical concepts from the areas of calculus, geometry, linear algebra, differential equations, logic, numerical analysis, and probability and statistics. *Credit: 3 semester hours.*

### 1017 Mathematical Logic

*Prerequisite:* MTH 1009. The logical development of the number systems; set theory; sets of axioms and their properties; structures (algebraic and geometric) and their properties; intuitionism and formalism and aspects of logic that relate to computers. *Credit: 3 semester hours.*

### 1018 Differential Equations

*Prerequisite:* MTH 1010. Equations of order one; linear differential equations; the LaPlace Transform; systems of linear differential equations; solutions by series; applications. *Credit: 3 semester hours.*

### 1019 Topics in Advanced Calculus

*Prerequisite:* MTH 1011. Fourier series; vector calculus, Green's theorem; ordinary differential equations-vibrations, RLC circuits, series solutions; partial differential equations-wave equations, LaPlace's equation, Legendre polynomials, Bessel functions; analytic function theory-Cauchy's theorem, Laurent expansion, residues. *Credit: 3 semester hours.*

### 1021 Introduction to Statistics

*Prerequisite:* MTH 1003 or equivalent. Permutations, combinations, addition and multiplication rules; conditional probability; confidence intervals; hypothesis testing; regression; correlation; applications to business, economics and social science. (Not open to students majoring in Business.) *Credit: 3 semester hours.* MTH 1020 (SI)

### 1030 Mathematics for the Elementary Teacher

Provides elementary education majors with competence in essential areas of mathematics and integrates those areas into the study of science. Students study sets, functions, logic, counting methods, probability, statistics and geometry. *Open to The School of Education students. Credit: 3 semester hours.*

### 1031 Mathematics for the Elementary Teacher

Provides elementary education majors with competence in essential areas of mathematics and integrates those areas into the study of science. Students study the metric system, algebra, real number system and patterns, sequences and number theory. *Open to The School of Education students. Credit: 3 semester hours.*

## Networking and Telecommunications (NET) (Queens)

### 1001 Data Communications

An 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. *Credit: 3 semester hours.*

### 1011 Networking Fundamentals

*Prerequisite:* NET 1001. An introduction to network standards and concepts, topology, and terminology, including LANs, WANs, the OSI model, cabling, IP addressing, networking hardware, and various LAN protocols. *Credit: 3 semester hours.*

### 1015 Routers and Router Concepts

*Prerequisite:* NET 1011. An introduction to router concepts and terminology, including router components, configuration, and introduction to LAN switching, routed and routing protocols. *Credit: 3 semester hours.*

### 1021 Switching, Design Practice and LAN Design

*Prerequisite:* NET 1015. Advanced router configuration, LAN switching theory, VLANs, advanced LAN concepts and LAN Switching Design. *Credit: 3 semester hours.*

### 1025 WAN Technologies and WAN Design

*Prerequisite:* NET 1021. WAN (Wide Area Network) concepts, technology, protocols, configuration, and operation. *Credit: 3 semester hours.*

### 1031 Wireless Networking

*Prerequisite:* NET 1011. Wireless technologies and the implementation of these technologies in wireless networks. Emphasis is placed on the areas of design, planning, implementation, operation, and troubleshooting. *Credit: 3 semester hours.*

### 1035 Network Operating Systems

*Prerequisite:* NET 1015. An introduction to basic network operating system (NOS) concepts, NOS management and administration, and network security. Physical components, network services and troubleshooting are also treated in depth. Overviews of the Windows NT/2000, Windows XP, Linux, and Novell NetWare systems are provided. Students will explore a variety of topics including installation procedures, security issues, back-up procedures and remote access. Network Operating Systems is an intensive introduction to multi-user, multi-tasking network operating systems from both generic and vendor specific perspectives. *Credit: 3 semester hours.*

### **1041 Voice Over IP (VoIP)**

*Prerequisite:* NET1015. The telephony infrastructure: how it was built and how it works today, the major concepts concerning voice and data networking, transmission of voice over data, and IP signaling protocols used to internetwork with current telephony systems. *Credit: 3 semester hours.*

### **1051 Networking Regulation**

*Prerequisite:* NET 1015 or CUS 1124. United States laws as applied to networks, telecommunications, and computers. International regulations will be studied as needed. *Credit: 3 semester hours.*

### **1091 Networking Internship**

*Prerequisite:* Permission of the director. Supervised practical experience to prepare majors for their professional careers. *Credit: 3 semester hours.*

## **Philosophy (PHI)** (Queens)

Students pursuing an associate degree are required to complete PHI 1000C. Students pursuing a bachelor's degree are required to complete PHI 1000C, one course from the 1020 series, and PHI 3000C.

### **1000C Philosophy of the Human Person**

See description under University Core Courses. *Credit: 3 semester hours.*

### **1020=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.*

### **1021 Moral and Political Philosophy**

*Prerequisite:* PHI 1000C. A critical analysis of the interdependence of concepts of moral good and human nature and theories of the ideal or best state in the major political and social philosophies of the Western tradition. *Credit: 3 semester hours. Fall.*

### **1022=2220C Business Ethics**

*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. *Credit: 3 semester hours.*

### **1023 Issues and Arguments in Bioethics**

*Prerequisite:* PHI 1000C. A philosophical analysis and evaluation of ethical positions and arguments in medical science and practice and in the life sciences. The course begins with a survey of the major ethical theories and uses

them to analyze and evaluate such issues as abortion, euthanasia, cloning and stem cell research. *Credit: 3 semester hours.*

### **1024 Media Ethics**

*Prerequisites:* PHI 1000C. This course is designed for students planning careers in a variety of mass media such as advertising, print, electronic and photojournalism, public relations, and television and film. It will prepare them to confront and resolve ethical issues that they may encounter as media practitioners. *Credit: 3 semester hours.*

### **3000C Metaphysics**

See description under University Core Courses. *Credit: 3 semester hours.*

### **1040 Topics in Philosophy and Literature**

*Prerequisite:* PHI 1000C. A critique of various aspects of Western culture and philosophical themes in Western literature such as human nature, the soul, the nature of good and evil, free will and moral responsibility and the nature of God and man's relationship with God. *Credit: 3 semester hours. Spring.*

### **1041 Narrative, World and Consciousness**

*Prerequisite:* PHI 1000C. The course is centered on the nature and structure of consciousness, and language as it relates to the development of consciousness of self and world. The phenomenological tradition will guide the analysis of consciousness around the notion of "intentionality." Contemporary problems in the relationship between Brain, Mind, and Consciousness will be addressed. The treatment of language will be primarily from a pragmatic view, assessing how language use contributes to self-awareness and awareness of reality. The debate between idealism and realism is a central issue in this course. *Credit: 3 semester hours*

### **1050 Logic**

The uses of language; the different types of definition; the basic forms of deductive argument and the use of symbolism in analyzing them; inductive arguments; informal fallacies; the concept of scientific method; a brief survey of recent developments in logical theory. *Applicable as a free elective only. Credit: 3 semester hours. Spring.*

## **Physics (PHY)** (Queens)

### **1001 The Physical Universe**

An appreciation and understanding of the physical world through a historical development of the methods, principles and concepts of the physical sciences. Topics include motion, heat, electricity, magnetism, elements of matter, atom models, nuclear physics and astronomy. Designed for students whose career objectives are not in the physical or natural sciences. (SI) SCI 1520. *Credit: 3 semester hours.*

### **1002 Practical Physics and Modern Technology**

This course is intended to explain new technologies as practical applications of the physical sciences. It covers laser scanners, Doppler radar, particle beam weapons, surveillance cameras, computers, communication satellites, cable TV and other modern topics. *Credit: 3 semester hours.*

### **1003 Perspectives in Astronomy**

The formation of the solar system; description of the sun, the planets and moons of our solar system; the birth and death of stars; the Milky Way and other galaxies; the Big Bang and other cosmological theories of our expanding universe. (*Not open to students who have taken PHY 6.*) NDC: PHY 58 *Credit: 3 semester hours.*

### **1009 Elementary Physics I**

*Corequisite:* MTH 1009. A mathematical introduction to the fundamental laws and principles of mechanics, heat, wave motion and sound. *Credit: 3 semester hours.*

### **1010 Elementary Physics II**

*Corequisite:* MTH 1009. A mathematical introduction to electricity, magnetism, optics and modern physics. *Credit: 3 semester hours.*

### **1031 Physical Science for the Elementary Education Major**

Introduces prospective elementary school teachers to important concepts of physics, chemistry and earth science. Topics covered include the scientific method and the role of measurement matter and energy with emphasis on elements mixtures, compounds and potential energy kinetic energy. *Open only to elementary education majors. Credit: 3 semester hours.*

## **Political Science (PSC)** (Queens)

### **1001 American National Government**

The nature of United States federalism; the structure and work of the national government, the executive branch; the Congress, with emphasis on its committee system and executive-legislative relationships; the federal judiciary with reference to appropriate constitutional cases, and the departments and administrative establishments. (SI) GOV 1030. *Credit: 3 semester hours.*

### **1002 The American Political System**

The democratic character of the American political system as expressed through national party politics; their interaction with America's role in foreign affairs; selected principles and institutions of political science. *Credit: 3 semester hours.*



## Psychology (PSY) (Queens)

### 1001 General Psychology

An introduction to scientific psychology and its methods. (SI) PSY 1020.

*Credit: 3 semester hours.*

### 1002 Educational Psychology

A study of intellectual functioning, individual differences, problems of learning, motivation and study habits. (SI) PSY 2050.

*Credit: 3 semester hours.*

### 1003 Lifespan Development

Psychology of the developmental stages from childhood through adolescence and adulthood.

*Credit: 3 semester hours.*

### 1004 Early Development

This course examines human development from conception through the prenatal period, birth processes, infancy, young and middle childhood. Physical, cognitive, language, social and personality development are also explored.

*Credit: 3 semester hours.*

### 1005 Adolescent Psychology

The physical, intellectual, emotional and social aspects in the development of the personality of the individual in the transitional period between childhood and maturity.

*Credit: 3 semester hours.*

### 1006 The Psychology of Adulthood

This course examines human development from young adulthood through "middlehood" and adulthood. Physical, cognitive, social and personality growth and changes are explored. Particular emphasis is given to topical and cross-cultural issues. *Credit: 3 semester hours.*

### 1007 Abnormal Psychology

*Prerequisite:* PSY 1001. An introduction to abnormal psychology dealing with the major causes of abnormal psychological behavior and therapeutic treatment of the abnormal personality. (SI) PSY 2200. *Credit: 3 semester hours.*

### 1008 Introduction to Psychotherapy

*Prerequisite:* PSY 1001. An introduction to the basic principles involved in psychotherapy. *Open to baccalaureate students only.*

*Credit: 3 semester hours.*

### 1009 The Psychology of Aging

An examination of the latter stages of the developmental process, exploring the intellectual, emotional and social consequences of aging. Special attention is devoted to the programs, facilities and institutions for the elderly. *Credit: 3 semester hours.*

### 1010 The Psychology of Aggression and Destructiveness

Introduces the student to the anatomy of human destructiveness in a world in which violence and aggression in every form seem to be increasing. The course analyzes the epidemiology of malignant aggression and destructiveness and conditions that elicit the

destructive character. *Mini-session only.*

*Credit: 3 semester hours.*

### 1017 Social Psychology (formerly SOC 1017)

An analysis of human behavior in terms of the influences of social and cultural forces.

(SI) PSY 3320. *Credit: 3 semester hours.*

### 1018 The Psychology of Death and Dying

An examination of the genesis and development of present-day attitudes and behavior toward death. Issues included are an analysis of the different theories of death and an examination of how different societies handle their dying and ritualize death.

*Credit: 3 semester hours.*

### 1019 The Psychology of Prejudice and Discrimination

An examination of the theoretical, historical, and functional aspects of prejudice and discrimination. Research in the areas of interpersonal relations, group dynamics, social power and personality assessment is included. Special attention is devoted to racism, anti-semitism, sexism, ageism and homophobia.

*Credit: 3 semester hours.*

### 1021 Person-Centered Psychology

This course offers the student an opportunity to create an environment which enables people from all cultures to build skills in the person-centered approach to psychology.

Emphasis is placed on cross-cultural communication which can be used in the fields of education, psychotherapy, personal counseling, social work, industrial relations and management. *Credit: 3 semester hours.*

### 1022 The Psychology of Women

A course designed to introduce the topic of women in a framework of psychology. Emphasis is placed on sex-role stereotyping for males and females, as well as on the numerous and varied roles women perform in today's society. *Credit: 3 semester hours.*

### 1023 Women's Issues in Mental Health

This course explores issues in the relationship between women and the field of mental health. It examines the treatment of women by mental health practitioners, psychological theories of women's mental health and women's role in therapy. *Credit: 3 semester hours.*

### 1025 Organizational Psychology

This course examines the major theories, models, research techniques and findings of the social science of organizational psychology. The focus is on the theoretical and the applied. *Credit: 3 semester hours.*

## Public Relations (PUBR)

(Queens)

### 2100 Principles of Public Relations

This survey course introduces students to the theory, history, and practice of public relations. Coverage includes examination of the public relations function and its role within all types of organizations. Students examine ethics and study the range of roles and responsibilities of a public relations practitioner.

*Credit: 3 semester hours.*

### 2301 Public Relations Writing

In this course students learn about the theory and practice of public relations writing by completing a range of communication writing pieces including pitch letters, fact sheets, backgrounders, news releases, and brochures. Students learn critical skills of the field and examine all types of print, broadcast, and internet writing techniques.

*Credit: 3 semester hours.*

### 3400 Public Relations Strategies

Students learn from case study analysis and apply this knowledge to pragmatic communications problems and planning. Students develop general communication strategies, use public relations actions to support managerial decisions, and evaluate the effectiveness of public relations activities.

*Credit: 3 semester hours.*

### 3401 Public Relations Practicum

This advanced public relations course introduces and involves students in the applied theories, concepts, technology, interpersonal skills, and writing skills used in organizational communication. Focus is on practical application of exploring and executing the role of the corporate (in-house) and non-profit public relations professional while working on a pro bono project with a sponsor organization. *Credit: 3 semester hours.*

### 4600 Seminar in Public Relations Campaigns

This course focuses on the development of public relations campaigns and examines event planning. Students participate in team based projects that utilize client and audience research, which culminate in the creation and execution of action-based communication campaigns. *Credit: 3 semester hours.*

### 4601 Public Relations Portfolio Seminar

This course provides students with an opportunity to develop a digitally designed, print-based portfolio book, and a multimedia-based web portfolio. Instruction includes conceptualization through personal reflection, categorization of works, and production of

a public relations portfolio for print and the Internet. Portfolio-based interview techniques, resume & cover letter development and professional interviewing and presentation skills are covered. Students use a variety of digital tools to create their portfolios. (Cf: ADV 4600.) *Credit: 3 semester hours. Open to juniors and seniors only.*

### **5001, 5002, 5003 Public Relations Internship**

*Prerequisite: Permission of Director or Chair.* Students gain public relations job experience in leading corporations and agencies in the entertainment, music, sports, human services, marketing, non-profit, government, and public relations sectors. Interns work in off-campus settings performing public relations activities that help introduce them to the profession. *Credit: 3 semester hours. Open to juniors and seniors only.*

## **Science (SCI)**

(Queens, Staten Island)

### **1010 Science, Technology and Society**

This course provides an overview of the sciences and of the processes involved in scientific inquiry. The interconnections between science and technology are investigated as well as their relations with society. Specific examples of technological advances, their scientific bases and their effects on society are discussed. No prerequisites. Primarily for Communication Arts and Journalism majors. *Credit: 3 semester hours.*

### **1011 Science, Technology and the Public in the 19th-Century**

This course, co-taught by a scientist and a historian, is an investigation of the science and technology of the 19th century and how they were presented to the public. The major scientific discoveries of the century are reviewed, including the atomic theory, evolution, and electromagnetism and their impact on the culture of the time. *Credit: 3 semester hours.*

## **Sociology (SOC) (Q)**

### **1001 General Sociology**

This is an introductory course about the nature of sociology, including the sociological perspective, principal theories, and the sociological method. Key topics are socialization, culture, deviance, groups and organizations, and inequality, as it relates to class, gender, and race/ethnicity. *Credit: 3 semester hours. (SI) SOC 1010.*

### **1002 Sociology of Institutions**

Analyzes social institutions in contemporary society. Key institutions such as the economy, politics, family, religion, education and health are studied in detail. *Credit: 3 semester hours.*

### **1003 Group Dynamics**

*Prerequisite: SOC 1001.* This course is about the dynamic nature of human group interaction and process. Key group characteristics, such as pressures to conformity, leadership, authority, power and influence, are examined in detail. The course provides students with the opportunity to develop practical skill through the analysis of group meetings, the transactions of its members and individual group adjustment. *Credit: 3 semester hours.*

### **1004 Organizational Sociology**

*Prerequisite: SOC 1001.* This course examines the nature of organizations in American society, including their structures and outcomes. Key substantive areas of analysis include organizational processes, such as power, leadership and change, and organizational environments and interorganizational relationships. *Credit: 3 semester hours.*

### **1005 Introduction to Women's Studies**

This course traces the development of women's studies as an academic field of inquiry. The specific concepts, issues, and methods of the field are explored in relation to their historical development and current articulations. These include gender construction and gender relations, systems of oppression and domination, the movement toward self-determination and social change. *Credit: 3 semester hours.*

### **1007 Sociology and Television**

Television, as an important social institution, will be examined in terms of its reflection of and influence on society. The effects and messages of television programming are studied in detail with the intention of cultivating a critical interpretive eye in the viewer. *Credit: 3 semester hours. Open to CAS majors as a free elective only.*

### **1011 Urban Sociology**

*Prerequisite: SOC 1001 or 1002.* This course examines the history, organization, and dynamics of life in American metropolitan areas—both cities and suburbs. Topics to be covered include community and neighborhood, urban lifestyles, ethnicity/race, crime, and inequality. *Credit: 3 semester hours. (SI) SOC 63.*

### **1020 Sociology of Violence in American Culture**

"Is violence part of the American way?" The existence of violence examined in diverse cultural practices ranging from interpersonal relationships, child rearing, sports, television and movies. The functions of violence are examined and alternative cultural practices are evaluated. *Credit: 3 semester hour. Free elective only. Intersession and pre-session only.*

### **1021 Sociology of Community**

The course examines the varied aspects of community life in general. Particular emphasis is placed on the economic, social, political and religious aspects of community development. The classes are devoted to identification of critical problems involving community, and include films and field trips. *3 credit hours. Intersession, pre-session and post-session.*

### **1025 The Sociology of Sport**

An examination of the development and dynamics of sport in American society and an analysis of the social-psychological and social structural aspects of sport. *Credit: 3 semester hours.*

### **1026 Sociology of Deviance**

This course examines deviant behavior, both historically and as it exists in contemporary society. The changing nature of deviance and deviants is an essential aspect of the course. Emphasis is placed on theoretical interpretations of deviance, as well as on concrete topics, such as deviance of elites, mental illness, deviance associated with male domination (domestic violence, rape and prostitution, for example) and sexual variance. *Credit: 3 semester hours.*

### **1027 Multi-Cultural Images in the Visual Media**

This course explores the diverse range of multicultural images that have appeared in the visual media. These images are analyzed within a sociological perspective that assumes the media contributes to the reflection of society and the production of individual consciousness. *Credit: 3 semester hours.*

### **1028 The Sociology of White Collar Crime**

The course examines the magnitude and costs of white collar crime. Particular emphasis is placed on employee theft, embezzlement and computer crime, fraud and deception, bribery and corruption, unfair business practices, violation of civil liberties, violations of worker safety laws, environmental crimes and unsafe business products. Different theories and solutions are presented. *Credit: 3 semester hours.*

### **1029 The Italian-American Experience**

The Italian-American family and community from 1880 to the present are examined. Economic, social, political and religious experiences of this group are analyzed. *Credit: 3 semester hours.*

### **1031 The Sociology of Work**

This course surveys the sociology of work from classical and contemporary perspectives. Students examine contrasting sociological theories so as to gain an understanding of the complexity of the subject, including macro theories that offer perspectives on how work is organized and micro theories that identify and explain the patterns of behavior of individuals in organizations. *Credit: 3 semester hours.*

**1032 The Sociology of Thriller Films**

This course will offer a sociological examination and analysis of thriller films, including the thriller film as genre, the content of thriller films and reasons for the pervasive and widespread attraction of thriller films in Western society. Various theoretical perspectives will be utilized in the analysis, including symbolic interactionism, Freudian theory, Marxist theory and Mertonian functionalism. *Credit: 3 semester hours.*

**Speech (SPE)**  
**(Queens)**
**1000C Public Speaking for the College Student**

See description under University Core Courses. *Credit: 3 semester hours.*

**1005 Group Communication**

*Prerequisite:* SPE 1000C. A study of how groups interact with one another. Participation and leadership roles; learning to negotiate, define issues, and conduct panel discussions; feedback in group discussion; and status, power, self-defense is reviewed. *Credit: 3 semester hours.*

**1010 Speaking for Success**

*Prerequisite:* SPE 1000C. A course designed for the student who wishes to speak more effectively both professionally and socially. A practical approach to improving speaking skills. *Credit: 3 semester hours.*

**1012 Oral Presentation of American Multi-Cultural Literature**

*Prerequisite:* SPE 1000C. Students deliver readings chosen from a wide variety of multi-cultural literary backgrounds, including, among others, African-American, Hispanic-American, Asian-American, Irish-American, Italian-American and Jewish-American. *Credit: 3 semester hours.*

**1014 Persuasion and Debate**

*Prerequisite:* SPE 1000C. Application of persuasive communication for contemporary issues and problems. Ways of preparing and delivering persuasive messages. Debate theory and practice, including reasoning, analysis, critical thinking, use of evidence and strategies. *Credit: 3 semester hours.*

**Sport Management (SPM)**  
**(Queens, Staten Island)**
**1001 Philosophy, Principles and Organization of Sport Management**

This introduction to the professional area of sport management discusses basic philosophy and principles of sport at all levels. The term sport refers to all recreational competitive sports, exercise and fitness activities and dance. Management encompasses the activities associated with administration, supervision and leadership. *Credit: 3 semester hours.*

**1003 Current Issues in Sport**

The current state of organized athletic activity in the United States as background for discussion of topical issues and concerns; among those considered: violence, drug abuse, recruiting practices, role of media, labor relations. *Credit: 3 semester hours.*

**1004 Managerial Aspects of Sport Management**

*Prerequisites:* SPM 1001 and MGT 1001. This course examines the development of sport management theory and practice and analyzes and compares various successful management styles. *Credit: 3 semester hours.*

**1006 Seminar in Sport Administration**

*Prerequisite:* SPM 1004. An intensive study of the field of sports and sports management. Guest experts from professional, amateur, collegiate and interscholastic sports organizations assist in discussions. *Credit: 3 semester hours.*

**1007 Internship in Sport Management**

*Prerequisite:* Fulfillment of College requirements for the internship and permission of the Program Director. Off-campus experience in an area of athletics administration at the secondary school, college or professional level or in the recreation field, under the supervision of the Director. A log of activities is among the course requirements. *Credit: 6 semester hours.*

**1008 Sports in America —17th- to 20th-Centuries**

A chronological detailed study of amateur and professional sports in the United States—their origins and developments to present day. *Credit: 3 semester hours.*

**1009 Psychology of Coaching**

The basic objective of the course is to introduce the student to the relationship of psychological factors to the coaching of athletes. *Credit: 3 semester hours.*

**1010 Legal Aspects of Sport Management**

*Prerequisite:* BLW 1001. Introduces legal issues that confront contemporary organized athletics and sport management. Examines the role of legal services within sports organizations and in individual athlete representation. *Credit: 3 semester hours.*

**1012 Health Sciences Applied to Coaching**

*Prerequisite:* 3 credits in biology. This course is an overview of health sciences applied to sport/anatomy, exercise physiology, and sport psychology. The physical conditioning of athletes, pharmacology in sports, use of licit and illicit drugs; prevention and care of athletic injuries, therapeutic modalities, and sport nutrition are also examined. *Credit: 3 semester hours.*

**1014 Stadium and Arena Management**

The problems related to planning, designing, financing, and selecting of sites for a new stadium or arena, or leasing existing facilities. Field trips are included. *Credit: 3 semester hours.*

**1015 Introduction to Race Track Management**

The history and development of horse racing and thoroughbred and harness race track operations are the subjects of this course. Contemporary concerns affecting race track management are considered. *Credit: 3 semester hours.*

**1018 Public and Media Relations in Athletics**

The writing and preparation of press releases, production of media brochures and programs; conducting press conferences; design of schedule cards and tickets; production of recruiting brochures are areas of focus. *Credit: 3 semester hours.*

**1020 Internship in Sport Management**

For description, please see SPM 1007. *Credit: 3 semester hours.*

**1021 Internship in Sport Management**

For description, please see SPM 1007. *Credit: 9 semester hours.*

**1022 Sport Marketing**

*Prerequisite:* MKT 1001. Techniques of marketing for individual and team sports on a professional and college level are studied. *Credit: 3 semester hours.*

**1029 Theory and Techniques of Effective Coaching**

This course will examine the basic concepts common to all sports in a variety of settings. Other topics considered will be specific performance skills, technical information and effective organization and management practices. The special training and conditioning of the athletes in specific sports, equipment fitting and specific safety precautions along with officiating methods will be introduced. Special attention will be given to the history of New York State interschool athletics. *Credit: 3 semester hours.*

**1030 First Aid and Injury Prevention**

A precise and comprehensive overview of the recognition and management of common sports injuries, including causes, symptoms and preventative procedures, with emphasis on comprehensive CPR, CPR Professional Rescuer and First Aid. *Credit: 3 semester hours.*

**1031 Sport Management Practicum in Athletics Coaching**

Supervised study and participation in coaching at the secondary school. *Credit: 3 semester hours.*

**1032 The Economics of Sport**

*Prerequisite:* ECO 1001. A study of contemporary sport using an economics approach. Issues including the wages of professional athletics, the impact of competitive balance on team profits, the alleged exploitation of student-athletics, and the pricing of television rights are subjected to economic analysis. *Credit: 3 semester hours.*

## **SPM 2000 courses are International Sport Management Study Abroad Courses**

### **2000A International Sport Management (Semester Abroad) The Emergence of Modern Sport**

The course examines the following processes: the medieval roots of modern sports forms, the emergence of modern sports and its link with the process will be considered.  
*Credit: 3 semester hours.*

### **2001A Dilemmas in Modern Sport**

This course examines the issues that are central to modern sport, including sport and health, sport and drugs, sport and the emotions, careers in sport, race and sport, refereeing and managerial succession. *Credit: 3 semester hours.*

### **2002A Strategic Thinking in the Management of Sport**

This course aims to develop in students the capacity to apply the sociological perspective to a range of managerial problems in the area of strategic management and policy.  
*Credit: 3 semester hour.*

### **2003A Business Management and Strategy**

This course aims to enable students to have an understanding of the competitive processes which firms employ; the forces that shape strategic decisions and the generic strategies that might be pursued. *Cross-listed as: ECO 2003. Credit: 3 semester hours.*

## **Television and Film (TVF) (Queens)**

### **1200 Introduction to Visual Production**

Required for all production series classes  
Required for all freshman TVF MAJORS beginning fall '06. An introduction to the problems and procedures of one-camera cinematic communication, with an emphasis on the basic craft elements and techniques of shot determination, composition, camera movement, exposure, sound recording, editing, story telling and documentation.  
*Credit: 3 semester hours.*

### **1230 Audio Production I**

Students learn theory and practice of audio techniques for radio, television and film production. Sound recording, audio board operation, microphone use and software based programs are covered. *Laboratory fee: \$30. Credit: 3 semester hours.*

### **1400 Introduction to Motion Picture Production**

Current procedures in the film industry, the functions of the various contributors to a film, film grammar, theory and analysis. The course is designed for students who wish to know how Hollywood movies are made.  
*Credit: 3 semester hours.*

### **1501 Contemporary American Television I: The Early Years**

An examination of American television from 1948 to the late 1960s, covering the development of prime time, day time, children's programming and news.  
*Credit: 3 semester hours.*

### **1502 Contemporary American Television II:**

A Time of Innocence, A Time of Change The changes in content and programming in American television since 1970. Topics include the development of television genres, the influence of new technologies, and television's effect on its audience. *Credit: 3 semester hours.*

### **1503 Special Television Studies**

This course will cover a single aspect of television history and/or aesthetics. Class content will vary from term to term. Genres may include: sit-coms, news, game shows, soap operas, talk shows, reality programming, or drama. *Credit: 3 semester hours.*

### **1504 Film Rhetoric**

*Prerequisite:* TVF 1400. An examination of how photography, composition, editing, story and theme play a role in a feature length film, video, TV commercial or comedy.  
*Credit: 3 semester hours.*

### **1505 The Rise of the American Film**

An examination of the birth of the American motion picture industry from 1894 to the coming of sound. The Silent Film is studied as a "popular art" with emphasis placed on its aesthetic development. *Credit: 3 semester hours.*

### **1506 Hollywood Films of the Studio Era**

The development of the Hollywood studio system from 1927 to the mid-1960s with emphasis on the genres, directors and stars.  
*Credit: 3 semester hours.*

### **1507 International Cinema**

An introduction to the history, aesthetics and auteurs of the foreign cinema from France, Germany, Italy, Sweden, Japan, Russia, and Eastern Europe are screened.  
*Credit: 3 semester hours.*

### **1508 Contemporary Cinema**

An examination of trends in theatrical motion pictures from 1970 to the present. Students learn to critically analyze film's cultural content, style and influence on contemporary practices.  
*Credit: 3 semester hours.*

### **1509 The Hollywood Musical**

The development of the Hollywood musical film from the arrival of sound to the present. Emphasis is placed on genres, auteurs and the comparisons between musical films and Broadway productions. *Credit: 3 semester hours.*

### **1510 Special Cinema Studies**

Topics change each semester: for example, 1526.01–Woody Allen; 1526.02–Alfred Hitchcock; 1526.03–Westerns; 1526.04–Italian Cinema; 1526.05–Science Fiction; 1526.06–Screen Comedy. *Credit: 3 semester hours.*

### **1511 East Asian Cinema**

A survey of trends in film production in East Asia on the cinema of Japan, Hong Kong, the Republic of China and the People's Republic of China since the end of WWII to the present.  
*Credit: 3 semester hours.*

### **2200 Television Production I**

*Prerequisite:* TVF 1200. An introduction to the processes and techniques of television production. Introduces all aspects of the medium from program concept through writing, camera operation and directing.  
*Laboratory fee: \$30. Credit: 3 semester hours*

### **2202 Television Performance**

*Prerequisite:* SPE 1000C. A performance course covering the skills needed for on-camera work including multi-camera acting, hosting and news reading. *Laboratory fee: \$30. Credit: 3 semester hours.*

### **2203 Editing: Final Cut**

*Prerequisite:* COM 2209 or TVF 1200. A hands-on workshop in non-linear editing technique using Final Cut Studio. Students learn to master both the technical and aesthetic aspects of the craft by doing their own editing projects. *Laboratory fee \$30. Credit: 3 semester hours*

### **2204 Editing: Avid**

*Prerequisite:* COM 2209 or TVF 1200. A hands-on workshop in non-linear editing techniques using AVID Media Composer. Students learn to master both the technical and aesthetic aspects of the craft by doing their own editing projects. *Laboratory fee \$30. Credit: 3 semester hours*

### **2301 Writing for Television**

*Prerequisite:* ENG 1000C and ENG 1100C. Students write all materials necessary to produce a TV series, including the story concepts, character attributes, head and tail bumpers, and a series of scripts ready for production. *Credit: 3 semester hours.*

### **2302 Non-Fiction Screenwriting**

*Prerequisite:* ENG 1000C and ENG 1100C. An examination of the forms and techniques of documentary, educational and other nonfiction film and video productions. Students develop scripts from treatment to completed screenplay. *Credit: 3 semester hours.*

### **2303 Dramatic Screenplay Writing**

*Prerequisite:* ENG 1000C and ENG 1100C. Covers the forms, methods and techniques of dramatic writing for motion pictures and television. Students develop their own scripts from the idea stage to complete screenplay. *Credit: 3 semester hours.*

### **2402 The Business of Television**

*Prerequisite:* MKT 1001. Television is discussed from the client, agency and network station standpoints, with emphasis placed on the buying, planning, selling and negotiating processes. *Credit: 3 semester hours.*

**2403 Broadcast Operations**

Prerequisite MCC 1000 An examination of the electronic and digital technologies of mass media. Topics include technological background of broadcast, Bcable, satellite, computers, fiber optics, and digital television. *Credit: 3 semester hours*

**3200 Television Production II**

Prerequisite: TVF 2200. A workshop providing additional hands-on experience in camera operation, technical directing, and audio. Technical aspects of production are stressed. *Laboratory fee: \$30. Credit: 3 semester hours.*

**3203 Documentary Production**

Prerequisite: TVF 2201. A production class covering the conception, pre-production, production and post-production of the documentary form. *Credit: 3 semester hours.*

**3204 Introduction to Television Field Production**

Prerequisite: TVF 2201. A hands-on class introducing the procedures, techniques and equipment used in television field production. Students light, shoot and record in a variety of field situations. *Laboratory fee: \$30. Credit: 3 semester hours.*

**3220 Film Production**

Prerequisite: TVF 2201. A hands-on workshop providing students with a practical approach to 16 mm film making. Students write, shoot and edit their own films. *Laboratory fee: \$60. Credit: 3 semester hours.*

**3303 Advanced Screenplay Writing**

Prerequisite: TVF 2303 or TVF 2301. Students learn to identify, experience, and master problems of extended visual narrative, in an advanced workshop that covers methods and techniques of extended visual narrative. *Credit: 3 semester hours.*

**3404 The Business of Film and Television**

Prerequisite: TVF 1400 and MKT 1001. How to produce, sell and distribute film and video productions from pitching an idea; funding; legal considerations, to merchandising and advertising. Limited to juniors and seniors. *Credit: 3 semester hours.*

**3405 Film and Television Production Management**

Prerequisite: TVF 2209 or 2200 or 1400. An introduction to the procedures and techniques used in the planning of a film or video production. Useful for students preparing for careers as unit production managers, assistant directors or line producers. *Credit: 3 semester hours.*

**4200 Television Production III**

Prerequisite TVF 3200. An in-depth examination of the advanced skills required in the use of professional video equipment. *Laboratory fee: \$30. Credit: 3 semester hours.*

**4205 Directing Television, Film and Video**

Prerequisite: TVF 2200 (or 3220) and 2201. Introduces the processes of directing one camera film and video. The creative aspects of directing, working with actors, camera placement and visualization are covered. *Laboratory fee: \$30 Credit: 3 semester hours.*

**4206 Television Program Development**

Prerequisite: TVF 3200 and 2201 and any other approved television course. An advanced workshop in video production. The class develops and produces their own television production project. *Laboratory fee: \$30. Credit: 3 semester hours.*

**4220 Film Production II**

Prerequisite: TVF 3220. A hands-on workshop in 16 mm and digital film making. Emphasis is placed on sound recording, cinematography and lighting. Students write, shoot and edit their own sound films. *Laboratory fee: \$60. Credit: 3 semester hours.*

**4601 Senior Project**

Advanced work in video, film, or graphics under the guidance of a faculty member. Script development, a short film or video, advanced research are suggested topics. *Credit: 3 semester hours. Open to TV/film studies majors only.*

**4602 Senior Project II**

Advanced work in video, film, or graphics under the guidance of a faculty member. Script development, a short film or video, advanced research are suggested topics. *Credit: 3 semester hours, Open to TV/film studies seniors only*

**4701, 4702, 4703 Television Club Practicum**

Prerequisite: Permission of the Faculty Moderator. Active members of the University's Television Club develop their own video project under the guidance of the club moderator. *Credit: 1, 2 and 3 semester hours.*

**4704, 4705, 4706 Communications Film Club Practicum**

Prerequisite: Permission of the Faculty Moderator. Active members of the Communications Film Club develop their own film project under the guidance of the club moderator. *Credit: 1, 2 and 3 semester hours.*

**5001 Television Internship**

Prerequisite: Permission of the Director. An off-campus experience with a professional television or video organization with supervised practical experience to further prepare majors for their professional careers. Open to juniors and seniors only. *Credit: 3 semester hours.*

**5002 Film Internship**

Prerequisite: Permission of the Director. An off-campus experience with a professional film or video organization, with supervised practical experience to further prepare majors for their professional careers. Open to juniors and seniors only. *Credit: 3 semester hours.*

**Theology (THE)  
(Queens)**

Students pursuing an associate degree are required to complete THE 1000C. All students registered in a bachelor's degree program are required to complete THE 1000C and two other courses, one from the 1040 series and any other course. THE 1000C is a *Prerequisite:* for all other theology courses.

**1000C Perspectives on Christianity:  
A Catholic Approach**

See description under University Core Courses. *Credit: 3 semester hours.*

**1001=2100 Introduction to the Bible**

Introduction to the history, literary forms and theology of the Old and New Testaments. The Old Testament concentration includes Deuteronomical history, the prophets and wisdom literature. The New Testament concentration includes the Gospels and Pauline literature. *Credit: 3 semester hours.*

**1020=3100 The Gospels of Matthew,  
Mark and Luke**

This course explores the message of and about Jesus of Nazareth found in the oldest written Christian narratives concerning him, called "gospels." Special attention is given to forces that shaped the memory of Jesus' story by early Christian communities. *Credit: 3 semester hours.*

**1030=2200 The Mystery of God**

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.*

**1040=2300 Christian Responsibility**

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.*

**1042=3300 Moral Theology of Health Care**

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, human experimentation, professional competence and the principles of governing cooperation. *Credit: 3 semester hours.*



## 1045=3230 Christian Marriage

An exploration of the theological, psychological and sociological dimensions of marriage and family life. This course places particular emphasis on marriage as a sacrament, on the sacredness of family, and on the challenges related to contemporary family life. It compares elements of Christian marriage theory and practice with that of other religious traditions. *Credit: 3 semester hours.*

## 1046 Just War Theory: Traditions in Catholic Moral Theology

*Prerequisite:* THE 1000C. This course addresses the foundations, theory and application of traditional Catholic thought vis-à-vis just war. Catholic moral theology understands humans as finite, sinful, and graced. Within this theological anthropology, this course will consider the many issues involved in war. *Credit: 3 semester hours.*

## 1050=2810 Religions of the World

A critical introduction to the study of world religions, exploring the beliefs, rituals and ethical ideals of representative religious manifestations of the past and present. Characteristic traits and patterns in tribal, imperial, naturalistic, mystical and national religions. *Credit: 3 semester hours. Spring.*

## 1052=3240 Women and Theology

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. Open to men and women. *This course can be applied to the women's studies minor.* *Credit: 3 semester hours. Spring*

## 1053 Feminist/Womanist Theology

A critical introduction to feminist/womanist theology primarily from within the Christian tradition, although reference to other traditions will be offered. This course will be explored through three perspectives—historical, theological and critical. *Open to men and women. This course can be applied to the women's studies minor. Credit: 3 semester hours. Fall.*

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**Richard Score**, *Assistant Professor of Computer Science*, B.A., Fordham University; M.A., CUNY, Brooklyn College

**Romero Scott**, *Associate Professor of Psychology*, B.S., University of Arkansas; M.S.W., Fordham University

**David Seligman**, *Adjunct Associate Professor of Philosophy*, B.S., CUNY, City College; Ph.D., Columbia University

**Claire D. Serant**, *Assistant Professor of Mass Communications*, B.S., St. John's University; M.A., Columbia University

**Frank Servas, Jr.**, *Director of Student Advisement and Program Review, Associate Professor of Mathematics and Computer Science*, B.S., Pratt Institute; M.A., M.Phil., Columbia University

**Phyllis Spencer Shafran**, *Adjunct Associate Professor of Mass Communications*, B.A., M.A., CUNY, Hunter College

**Sumitra S. Shah**, *Associate Professor of Economics*, B.A., Ruparel College India; M.A., University of Bombay; A.M., Columbia University

**Thomas Shannon**, *Adjunct Assistant Professor of Business Law and Management*, B.A., SUNY, Albany; J.D., St. John's University.

**James Sheehan**, *Adjunct Instructor of Theology*, B.A., St. John's University; M.A., Boston College; D.A., St. John's University

**John Sheehan**, *Adjunct Assistant Professor of History*, B.A., New York University; M.A., D.A., St. John's University

**Richmond Shepard**, *Adjunct Associate Professor of Mass Communications*, B.A., Adelphi University; M.A., California State, Ph.D., University of Southern California

**Barry Sherman**, *Associate Professor of Mass Communications*, B.A., Kalamazoo College; M.A., University of Chicago; M.F.A., New York University

**Edward Sieban**, *Adjunct Assistant Professor of Administration and Economics*, B.S., St. John's University; J.D., New York Law School

**Gerald Singh**, *Adjunct Assistant Professor of Management*, B.S., SUNY; M.B.A., Dowling College

**Ronald Sklar**, *Associate Professor of Computer Science and Mathematics*, B.A., CUNY, Queens College; M.S., University of Connecticut; Ed.D., Columbia University; M.S., Polytechnic Institute of New York

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**Eon Smith**, *Adjunct Instructor of Criminal Justice*, B.S., J.D., St. John's University

**Scott A. Soares**, *Adjunct Assistant Professor of Sociology*, B.A., Fordham University; M.A., John Jay College of Criminal Justice.

**Edward Soloff**, *Adjunct Assistant Professor of English*, B.A., CUNY, Brooklyn College; M.A., Ph.D., SUNY, Stony Brook

**Monica Spiro-Farrell**, *Assistant Dean; Adjunct Assistant Professor of Accounting*, B.S., M.B.A., St. John's University

**Cecelia Steger**, *Adjunct Assistant Professor of English*, B.A., Brooklyn College; M.A., New York University; Ph.D., New York University.

**Larry Stouder**, *Director of the CISCO Academy, Associate Professor of Computer Science*, B.B.A., CUNY, Baruch College; M.B.A., Fordham University

**Gerald J. Stuzin**, *Associate Professor of Computer Science*, A.B., M.S., M.B.A., New York University; M.S., Ph.D., Polytechnic Institute of New York

**Heidi H. Sung**, *Director of the Hospitality Management Program; Associate Professor of Hospitality Management*, B.A., Yonsei University; M.S., Purdue University; Ph.D., Purdue University

**Jennifer A. Sutherland**, *Adjunct Instructor of Psychology*, B.A., Hofstra University; M.S., Ph.D., St. John's University

**Gregory J. Sutterlin**, *Adjunct Assistant Professor of Human Services*, B.A., Wagner College, Staten Island, M.Div. Yale University Divinity School New Haven, CT., M.S.W., Fordham University

**John Swan**, *Associate Professor of Mass Communications*, B.S., St. John's University; MBA, Fairfield University

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**Paul Szabo**, *Associate Professor of Computer Science*, B.S., M.A., St. John's University; M.A., Columbia University; J.D. CUNY, Brooklyn Law School

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**Richard Thomas**, *Assistant Associate Professor of Mass Communications*, B.A., Ramapo College of New Jersey; M.F.A., University of London

**Catherine Thornton**, *Adjunct Associate Professor of Management*, B.A., Fordham University; M.B.A., St. John's University; Ed.D., Columbia

**Thomas Tierney**, *Associate Assistant Professor of History*, B.A., Iona College; M.A., St. John's University; Ph.D., New York University

**Robert R. Tomes**, *Associate Professor of History*, B.A., M.A., Ph.D., New York University; P.D., CUNY

**Rhonda Tomlinson**, *Adjunct Assistant Professor of Criminal Justice*, B.S., Cornell University; J.D., Hofstra University

**Renée Tone**, *Adjunct Assistant Professor of English*, B.A., SUNY at Buffalo; M.A., SUNY at Stony Brook

**Lloyd F. Torres**, *Adjunct Instructor of Health Service Administration*, B.A., Cornell University, M.A., Tulane University

**Gloria Tortora**, *Adjunct Instructor of English*, B.A., M.A., CUNY, Queens College

**Joan Tropnas**, *Director of Human Services; Assistant Professor of Human Services*, B.A., North Carolina Central University; M.S.W., Fordham University; M.P.A., New York University; Ph.D., Fordham University

**Joseph Trumino**, *Chair, Division of Social Sciences; Associate Professor of Sociology*, B.A., Fordham University; Ph.D., CUNY

**Ellen Tufano**, *Assistant Professor of Computer Science and Mathematics*, B.S., St. John's University; M.S., Polytechnic University

**James Tuffin**, *Adjunct Assistant Professor of Health Service*, B.S., CUNY, Brooklyn College; J.D., St. John's University

**Mary Tzallas**, *Adjunct Assistant Professor of English*, B.A., Aristotelion University; M.A., St. John's University

**Michael Vecchione**, *Assistant Professor of Criminal Justice*, B.A., St. John's University; J.D., Hofstra University

**Jo-Ann Umstot-Verdiglione**, *Adjunct Assistant Professor of English*, B.A., Frostburg State Teachers College; M.S., Pace University

**Joseph Valenzano**, *Associate Professor of Theology*, B.A., M.Div., Mary Immaculate Seminary; M.S.Ed., St. John's University

**Joji Varghese**, *Adjunct Associate Professor of Computer Science*, B.E., Mangalore University; M.S., Kuwait University

**Mercurio Veltri**, *Adjunct Assistant Professor of Criminal Justice*, B.S., St. John's University

**Kareem Vessup**, *Adjunct Instructor of Criminal Justice*, B.A., J.D., St. John's University

**Diane Wall**, *Adjunct Assistant Professor of Mathematics*, B.A., St. John's University; M.A., CUNY, Hunter College

**Thomas Ward, Sr.**, *Associate Professor of Criminal Justice*, B.S., M.A., CUNY, John Jay College of Criminal Justice; D.P.A., Nova Southeastern University

**Thomas Ward, Jr.**, *Adjunct Instructor of Criminal Justice; Associate Director for Corporate Relations, Career Center*, B.A., Adelphi University; M.P.A. New York University

**Andrew Wax**, *Adjunct Assistant Professor of History*, B.A., Queens College, M.A. Queens College.

**May A. Webber**, *Chair Division of Humanities; Associate Professor of Philosophy*, B.A., M.A., St. John's University; Ph.D., New York University

**Susan Weber**, *Associate Professor of Mass Communications*, B.A., SUNY, Brockport; M.F.A., New York University

**Jeffrey R. Weiser**, *Adjunct Associate Professor of Mass Communications*, B.A., Ohio State University; M.A., New Science University

**Brian J. Welsh**, *Adjunct Instructor of Human Services*, B.S., Human Services and Education, St. John's University, M.S. School Counseling, St. John's University.

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**Bruce D. Wharton**, *Adjunct Instructor, Hospitality Management*, M.B.A., Michigan State University; B.S., State University of New York.

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**Ericka Witnauer**, *Adjunct Associate Professor of Mass Communications*, B.A., University of Delaware; M.A., University of Rochester

**Gregory A. Wilson**, *Assistant Professor of English*, B.A., M.A., University of Connecticut; Ph.D., Brandeis University

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**Valerie Zurawski**, *Adjunct Associate Professor of Psychology*, B.A., Long Island University; M.A., CUNY, City College; Ph.D., CUNY, Graduate Center

## University Libraries

### Administrators

**James Benson**, *Vice-Provost, Professor and Dean of Information Resources and Libraries*, B.A. Kansas University; M.L.S., Ph.D., Rutgers University

**Dermot Cooper**, *University Records Manager* B.A., City College, CUNY; M.L.S., St. John's University

**John Garino**, *Assistant Director Systems and eServices*, B.A., M.L.S., St. John's University,

**Shilpa Karnik**, *Assistant Director, eServices*, B.S., Parle College (Bombay, India); B.S., M.L.S., St. John's University

**Theresa M. Maylone**, *University Librarian*, B.A., Syracuse University; M.S., Pratt Institute,.

**Brian L. Mikesell**, *Associate University Librarian for Systems and Services*, B.A., B.F.A., Indiana University; M.A., New York University; M.L.S., Long Island University

**Ismael Rivera-Sierra**, *Director*, Davis Library, B.S. Agricultural Economics, University of Puerto Rico, Mayagüez Campus; M.S. Library Science, Florida State University,

**Blythe E. Roveland-Brenton**, *Associate University Librarian for Collections and University Archivist*, B.A., Binghamton University; M.L.S., St. John's University; M.A., Ph.D., University of Massachusetts-Amherst

**Galina Spicehandler**, *Librarian/Cataloger*, Davis Library, B.A./M.A., Leningrad State Institute of Theater, Music and Cinematography (Russia); M.L.S., Pratt Institute

**Richard E. Waller**, *Web Librarian*, Davis Library, B.S. Virginia Commonwealth University; M.S.L.S., Columbia University,

**Maureen B. Weicher**, *Electronic Resources Librarian*, B.A., Barnard College; M.S., CUNY, Baruch College; M.L.I.S., Pratt Institute

### Faculty

**Barbara B. Appleby**, *Associate Professor, and Director of the Media Center*, Queens Campus, B.S., Boston University; M.Ed., Temple University; M.L.S., Queens College, CUNY

**Muhammed Billah**, *Associate Professor*, B.S., Diploma in LIS, M.A. in Library Science, University of Dhaka; M.L.S., St. John's University; M.A., Queens College, CUNY

**Cynthia D. Chambers**, *Associate Professor and Head of Information Management*, B.A., Capital University, Ohio; M.L.S., Kent State University; M.T.S., Trinity Lutheran Seminary,

**Lois Cherepon**, *Associate Professor* (Staten Island), B.A., Rutgers College; M.A., State University of New York at Binghamton; M.L.S., Rutgers University

**Joan D'Andrea**, *Associate Professor and Library Development Officer*, B.A., M.L.S., St. John's University; M.A., C.W. Post Center of Long Island University

**Anna M. Donnelly**, *Associate Professor*, B.A., St. John's University; M.S., Columbia University; M.A., New York University

**Caroline Fuchs**, *Assistant Professor*, B.A., M.A. (English), M.A. (History), Queens College of the City University of New York; M.L.S., St. John's University

**Lucy Heckman**, *Associate Professor and Head of Reference*, B.A., M.L.S., St. John's University; M.B.A., Adelphi University

**Ann M. Jusino**, *Associate Professor* (Staten Island), B.A. Villanova University; M.L.S., Rutgers University; M.A. College of Staten Island

**William Keogan**, *Associate Professor*, B.A., M.A., Queens College of the City University of New York; M.L.S., St. John's University

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**Mark Meng**, *Associate Professor, Director, Staten Island Library*, B.A., Chongqing Architectural Engineering Institute, People's Republic of China; M.L.S., Ph.D., Rutgers University

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**Arthur Sherman**, *Associate Professor*, B.A., Manhattan College; M.L.S., M.A., Queens College of the City University of New York; M.A. St. Joseph's Seminary, Yonkers

**Victoria Tamborrino**, *Associate Professor*, B.S., M.S., M.L.S., St. John's University

**Connie Thorsen**, *Associate Professor*, B.A., University of Iowa; M.L.S., St. John's University; M.S., Queens College, CUNY

**Anthony Todman**, *Associate Professor*, B.S., Boston University; M.L.S., Pratt Institute; M.S., Iona College

**Ben Turner**, *Assistant Professor*, B.A., Concordia University; M.L.S., University of British Columbia

**Tian Xiao Zhang**, *Associate Professor*, B.A., Hunan Normal University; M.A., Fordham University; M.L.S., St. John's University

## Law Library

### Administration

**Joseph P Hinger**, *Associate Director for Technical Services*, B.A., M.L.S., University of Pittsburgh

### Professional Staff

**Astrid Emel**, *Circulation Librarian*, B.A., M.L.S., St. John's University

**Rosemary La Sala**, *Government Documents Librarian*, B.A., M.L.S., St. John's University

**William H. Manz**, *Senior Research Librarian*, A.B., College of the Holy Cross; M.A., Northwestern University; M.L.S. Long Island University; J.D., St. John's University

**Antonio Ramirez**, *Reference Librarian*, LL.B., Universidad Catolica Andres Bello; J.D., Duke University Law School; M.L.S., St. John's University

**Allan Ryan**, *Assistant Director of Technical Services*, B.A., Providence College; M.L.S., CUNY, Queens College

**Arundhati A. Satkalmi**, *Senior Research Librarian*, B.S., University of Poona; M.S., University of Poona; M.L.S., St. John's University

**Barbara G. Traub**, *Head of Reference and Instructional Services*, B.A., Spanish, SUNY, Buffalo; M.S., Library Science; M.L.S., Palmer School of Library and Information Science of Long Island University; J.D., SUNY, Buffalo

## Academic Service-Learning

As an added means of fulfilling its Mission Statement, the University inaugurated its Academic Service-Learning Program in 1995. This program facilitates the implementation of the Mission Statement by members of the University community and calls on them to be mindful of its Vincentian character and tradition as many of the service projects focus on the poor, the marginalized, immigrants and groups and individuals with special needs. The Mission Statement commits the University to community service programs, which combine with reflective learning to enlarge the classroom experience.

In Academic Service-Learning, faculty specialists in the professions or in the humanities link service to the community with academic and career goals. A variety of assignments challenge students to achieve carefully crafted teaching objectives in an experiential hands-on setting, through reflection and analysis while experiencing the value of service. Since its inception, the program has been adopted as a teaching method by faculty in every department from fine arts to pharmacy, marketing to modern languages. Their support clearly shows that students learn better when exposed to the real-life context of the classroom issues—when challenged by community needs and called to offer their best to the people they encounter.

There are many opportunities for a St. John's education to include an Academic Service-Learning component as the program has expanded and is available on four campuses—Queens, Staten Island, Manhattan and Rome. If you wish further information about the program, you may contact Melanie Serge, Associate Director of Academic Service-Learning, Lourdes Center, (718) 990-5947 or e-mail [sergem@stjohns.edu](mailto:sergem@stjohns.edu).

## Guidelines Determining Eligibility for Students with Disabilities

- St. John's University students requesting accommodations for a disability must present documentation of the disability to the Student Life Administrator on the appropriate campus for verification of eligibility.
- The evaluation must have been completed by a qualified, certified and/or licensed professional (physician, health care provider, psychologist/psychiatrist) who has experience with an adolescent and adult population. The professional's credentials must appear on the documentation and the documentation must be dated within three years of the request for accommodation.
- The Evaluator must include in the test report evidence that instruments selected are reliable and valid for use with an adolescent or adult. Documentation of an impairment alone may not be sufficient to require that the student be provided a reasonable accommodation. It must be demonstrated that the impairment rises to the level of a disability according to the Americans with Disabilities Act. For example, the impairment must substantially limit or restrict a major life activity as compared to the average person in the general population.
- The Student Life Administrator will review the documentation and the request for accommodation will be determined. When necessary, specific academic units will be consulted regarding the accommodation requested. If the presented documentation is sufficient the student will meet with the Student Life Administrator regarding appropriate accommodations at St. John's University.
- A student having dissatisfaction with the decision for accommodation granted, has the right to appeal the decision in accordance with the University's "Policy Against Discrimination and Sexual Harassment and Related Grievance Procedures."
- The Student Life Administrator may be contacted regarding specific documentation required or for explanation of this policy.

**All documentation will be kept confidential in accordance with legal requirements and should be submitted directly to:**

### Queens campus

Jackie Lochrie  
St. John's University  
Office of Student Life  
8000 Utopia Parkway  
Queens, NY 11439  
Tel (718) 990-6568  
Fax (718) 990-1853

### Staten Island campus

Denise Hopkins, Dean of Student Life  
St. John's University  
Office of Student Life  
300 Howard Avenue  
Staten Island, NY 10301  
Tel (718) 390-4445  
Fax (718) 390-4531

## Students

Seventy-six percent of first-time, full-time baccalaureate degree-seeking freshmen who entered in the Fall of 2007 returned in the Fall of 2008. Sixty-one percent of first-time, full-time baccalaureate freshmen who entered in the fall of 2002 graduated within six years.

Our teacher preparation program is approved by the New York State Education Department and is accredited by the Teacher Education Accreditation Council (TEAC). Ninety-four percent of students on the Queens campus and ninety-three percent of students on the Staten Island campus who graduated from a teacher preparation program at St. John's University during the 2007–2008 academic year took and passed the New York State Teacher Certification exams, compared to 94% statewide. As of Fall of 2008, there were over 1,700 students in teacher preparation programs. A student spends 26–35 hours a week student teaching depending on the program.

## Officers of Administration

**Donald J. Harrington, C.M.,** *President*, B.A., M.Div., Th.M., Mary Immaculate Seminary College; LL.D. (Hon.), St. John's University; Ph.D. (Hon.), Fu Jen University; D.Hum. (Hon.), American University of Rome, Italy; D.Hum. (Hon.), Dowling College; Pd.D. (Hon.), St. Thomas Aquinas College; S.T.D. (Hon.), Niagara University; Litt.D. (Hon.) Kokushikan University; LL.D. (Hon.), The Catholic University of America

**Patrick J. Griffin, C.M.,** *Executive Vice President for Mission and Branch Campuses*, B.S., Niagara University; M.Div., Th.M., Mary Immaculate Seminary; M.A., Ph.D., The Catholic University of America

**James P. Pellow,** *Executive Vice President and Chief Operating Officer*, B.B.A., M.B.A., Niagara University; Ed.D., University of Pennsylvania; Litt.D. (Hon.), Kokushikan University

**Julia A. Upton, RSM,** *Provost*, B.A., Ohio Dominican College; M.A., English, M.A., Theology, St. John's University; Ph.D., Fordham University

**Brij Anand,** *Vice President of Facilities*, B.S., Vikram University; M.B.A., Brooklyn Polytechnic Institute

**Cecilia S. Chang,** *Vice President for International Relations*, B.A., Tamkang University; M.S., M.B.A., St. John's University; Ed.D., Columbia University

**John P. Connolly, Jr.,** *Vice President and Director, Oakdale Campus*, B.S., M.B.A., St. John's University

**Joseph V. Daly, C.M.,** *Assistant to the President and Assistant Secretary*, B.A., Mary Immaculate Seminary College; M.A., M.S., St. John's University; LL.D. (Hon.), Niagara University

**Beth M. Evans,** *Vice President for Enrollment Management*, A.B., Muhlenberg College; M.P.A., New York University

**Dorothy E. Habben,** *Vice President and University Secretary*, B.A., Adelphi University; M.A., St. John's University; Ph.D., New York University

**Mary T. Harper Hagan,** *Senior Vice President for Human Resources and Institutional Planning and Research*, B.A., Trinity College

**Clover Hall, B.Sc.,** *Vice President for Institutional Research and Academic Planning*, University of the West Indies; M.B.A., Columbia University; Ed.D., Fordham University

**Thomas J. Lawrence,** *Vice President for Public Safety*, A.A.S., Nassau Community College; B.A., Long Island University

**James J. Maher, C.M.,** *Vice President of Student Affairs and Executive Director of the Vincentian Institute for Social Action*, B.A., St. John's University; M.Div., Th.M., Mary Immaculate Seminary College; D.Min., Seminary of the Immaculate Conception



**André McKenzie**, *Vice President for Academic Support Services*, B.S., M.S., Illinois State University; M.Ed., Ed.D., Columbia University

**Thomas Nedell**, *Vice President for Business Affairs and Treasurer*, B.B.A., Boston College; C.P.A., Massachusetts; M.B.A., St. John's University

**Joseph E. Oliva, Esq.**, *General Counsel*, B.S., J.D., St. John's University

**Anthony R. Pacheco**, *Vice President and Chief of Staff*, B.S. Arch., City College, New York; M. Arch., Arizona State University

**Joseph Sciamé**, *Vice President for Community Relations*, B.S., St. John's University

**Pamela Shea-Byrnes**, *Vice President for University Ministry and University Events*, B.S., M.A., St. John's University; D.Min., Seminary of the Immaculate Conception

**Joseph J. Tufano**, *Vice President for Technology and Chief Information Officer*, B.A., M.A., St. John's University; M.S., Polytechnic Institute of New York

**Robert D. Wile**, *Chief Advancement Officer, Vice President and Chief of Staff*, B.S., St. John's University;

## Recognition/Accreditation

American Association for Accreditation of Laboratory Animal Care

The Association to Advance Collegiate Schools of Business (AACSB International) (Business and Accounting)

American Bar Association

American Chemical Association

Accreditation Council on Pharmaceutical Education

American Library Association

American Psychological Association

American Speech-Language-Hearing Association (ESB)

Association of American Law Schools

Middle States Association of Colleges and Schools

National Association of Schools of Art and Design  
State Education Department of New York

The University maintains membership in some 200 professional organizations.

The University was founded by the Vincentian Community and is Chartered by the Regents of the University of the State of New York.

## Facilities

### Queens Campus

The Queens campus housing the principal administrative offices of the University, is located on a 95.5 acre tract in the Hillcrest section of the borough.

**Belson Hall and Finley Hall** houses the Law Library, Law Admission, Law Career Services, Elder Law Clinic, Moot Court Room, classrooms, faculty and administration offices, student lounges, cafeteria and other areas to support the School of Law.

**Bent Hall** houses The Peter J. Tobin College of Business, College of Professional Studies, Center for Teaching and Learning, Professional Development and Training Center, Asian Studies, Department of Student Life, Student Financial Services, Criminal Justice Program. It also contains faculty and administration offices and an auditorium.

**Carnesecca Arena**, the athletic center, houses the main gymnasium seating over 5,000 people, an auxiliary gymnasium, fitness center, various athletic activity rooms, and coaches' offices, the Little Theatre, classrooms for hygiene and physical education and the ticket office. The Belson Soccer Stadium and varsity baseball field are also located on the Queens campus near Carnesecca Arena.

**Chiang Ching-Kuo Hall** houses the office of Human Services.

**Council Hall** houses the Global Language and Culture Center

**Newman Hall** houses the University's executive administration offices, the Provost's office, University Ministry, Information Technology, Computer Center, Enrollment Management, Institutional Research, International and Graduate Admission and Marketing and Communications.

**Residence Village** is an on-campus housing environment that contains six residence buildings; Carey Hall, DaSilva Hall, Century Hall, Donovan Hall, Hollis Hall, and O'Connor Hall. Montgoris Dining Hall is also located in the village, as well as the Learning Community, women's softball field, Health Offices and the Customer Service Center.

**St. Albert the Great Hall** houses the College of Pharmacy and Allied Health Professions, the science departments, Environmental health and Safety. It also holds classrooms, science laboratories, faculty offices, an auditorium and the animal care facility.

**St. Augustine Hall** houses the University Library, University Archives, Library and Information Sciences, Academic Commons, Café, Writing Center, Health and Education Resource Center, Computer Training Education Lab, Honor's Lounge, Language Laboratory and the University Freshman Center.

**St. John the Baptist Hall** houses St. John's College of Liberal Arts and Sciences, the Graduate Division of Arts and Sciences, Media Relations, ESL Program and the Division of Special Opportunity Programs. It also contains fine arts studies, photography dark rooms, classrooms and faculty offices.

**Lourdes Hall** houses the Offices of Global Studies, the Vincentian Institute for Social Action and the Ozanam Scholars.

**St. Louise de Marillac Hall** houses the Office of Alumni Relations, Institutional Advancement, Conference Services, Campus Ministry, a closed circuit Television Center, classrooms, faculty offices, Office of University Events, an auditorium and the main food court. The Marillac Food Court seats over 500 people. The University bookstore located on the lower level.

**St. Thomas More Church** is located in the Great Lawn and is the spiritual center of the Queens Campus. During the academic year Mass is celebrated Monday through Friday as well as Sunday. The University Chaplain is also housed in this facility.

**St. Vincent de Paul Hall** is a student residence hall. It also houses the Undergraduate Admission and the Vincentian Center for Church and Society, the Ozanam Lounge and a Café.

**Sullivan Hall** houses The School of Education, the Academic technology Center, classrooms, lecture rooms, seminar room, special purpose teaching facilities and a Café.

**Sun Yat Sen** houses the Chung-Cheng Art Gallery, the Faculty Club and the Asian Library.

**Taffner Field House** has a direct access to Carnesecca Arena. It houses two recreational basketball courts with varsity basketball courts, locker rooms and lounges, weight training room, medical training room, team classrooms, offices of the basketball coaches and recreational sport offices.

**Townhouses** This recently built apartment style student residences houses near 300 students. The complex features stone entry gates and courtyards to each of the five houses.

**The Second Lt. Thomas J. McDonald Reserve Training Center** is named for a distinguished alumnus of St. John's College of Liberal Arts and Sciences who was killed in World War II. It was erected by the federal government on a portion of the campus leased from the University. Students of St. John's are eligible to join the Reserve units from the surrounding community that train in this building. Department of Facilities/Design and Construction, Public Safety, StormCard office, Printing and Distribution Services and the University mail Services are housed here.

**University Center** houses the Career Center. All the student functions are being moved to the newly constructed D'Angelo Center.

**The D'Angelo Center** is the newly constructed student and academic center. It houses active learning classrooms, a large auditorium, seminar rooms, cafeteria and a coffee house, student organizational lounges, student government offices, student publication, a large central seating area, center for student services, game lounge, a large multi-purpose room, print coop, student offices and Student Life offices.

## Off Campus Facilities

**DePaul Houses** is an off-campus dormitory with apartment-style living, 35 units, altogether housing 89 students.

**Seton Complex** is an off-campus facility, houses the Speech and Hearing Clinic, the Reading Clinic and the Center for Psychology Services. On the 2nd, 3rd and 4th floors are student apartment style housing, 20 units with a total of 94 beds.

**Dr. Andrew J. Bartilucci Center** is an off-campus facility, it houses classrooms and administrative offices for the Physician Assistant program, the Medical Technology program, Radiological Science and Emergency Medical Service Institute.

### Henley Road Residence

The residence is a newly constructed seven-story building. The building surrounds a landscaped plaza and is just minutes from the Queens Campus. The facility includes 66 apartment-style suites accommodating 435 students. Student lounges are located on every floor, and a laundry facility is housed in the lower level.

## Manhattan Campus

The Manhattan Campus is located in Downtown Manhattan, in the heart of the Financial district. The building is 10 stories high. The lower five floors house an enclosed atrium, 31 classrooms, a cafeteria, athletic facilities, public safety, Chapel, library, Auditorium, Computer Labs, Administrative offices, The Peter J. Tobin College of Business Graduate Office, The School of Education and the St. John's College of Liberal Arts and Sciences and the School of Risk Management. The upper floors are dormitory rooms for 199 residential beds.

## Oakdale Campus

Overlooking Long Island's Great South Bay, the Oakdale Campus is located on 175 acres, and it houses the Library Science and School Psychology Graduate programs of St. John's College of Liberal Arts and Sciences as well as The School of Education. The campus includes two classroom buildings; St. Joseph's Hall and the Graduate Academic Center all together with 38 classrooms. The Centennial Hall Theatre building is a one-story building that seats 400 people. The Br. Miguel Center

is a two-story Administration building provides offices for faculty and administrators as well as a computer laboratory. The St. Benilde Library building located adjacent to the classroom building. The first floor also houses a library information sciences and a computer laboratory. St. Joseph Hall houses the gymnasium and fitness center includes two racquetball courts and a full size basketball court.

A two-story Gate House is occupied by the public safety offices. At the center of the campus is the Mansion, a three-story building that provides conferencing and dining. The cafeteria provides seating for 300.

## Rome Campus

The Rome, Italy campus is located in the Prati neighborhood, a short walking distance to Vatican City. The newly renovated facility includes classrooms, a computer lab, a library, laundry facilities and administrative offices. The dormitory accommodates 125 students. The students have access to spacious lounge spaces and kitchens areas on all of the dormitory floors. An internal courtyard provides outdoor activity and study space for students.

## Paris Campus

The Paris, France campus is located in the popular and centrally located St. Germain district. The newly renovated facility includes classrooms, a seminar room, computer lab, library, dining room, student lounge and administrative offices. Students have their own laundry room in the building. The dormitory accommodates 96 students.

## Staten Island Campus

The Staten Island campus is located on 16.5 acres on Grymes Hill in the borough of Richmond. The Internet and University Intranet can be accessed in over 90% of the campus (including all buildings) via our wireless network.

**The Campus Center** contains the Office of Student Life, the Health Office, Student Government, Inc. and conference room. The lower level houses the campus cafeteria, which offers a variety of hot entrees, sandwiches and fast food items, accommodates over 400 people, has a recreation room with pool tables, comfortable seating and large-screen TV, and a newly renovated atrium. The gymnasium is located on the upper level.

**DaSilva Academic Center** contains technology equipped classrooms, St. John's College of Liberal Arts and Sciences faculty offices, The School of Education Dean's and faculty offices, Information Technology, Counseling and Testing Center for Technology, the Staten Island Bank and Trust Foundation New Learning Initiatives room, the Richmond County Savings Foundation Technology Center,

faculty and student lounge space and vending machines.

**Flynn Hall**, the administration building, houses the following: Office of the Executive Vice President, Office of Provost, St. John's College of Liberal Arts and Sciences Dean's Office, University Freshman Center, Offices of the Registrar, Office of the Bursar, a mailroom, conference/meeting rooms and the Campus Boardroom.

**Kelleher Center** houses the Office of Admission, the Office of Financial Aid, the Campus Bookstore, the Fitness Center, the Presidential Room and conference/meeting rooms.

**Lavelle Hall** contains technology-equipped classrooms, the St. Vincent de Paul Chapel, an office for Campus Ministry, the Honors Program Office, classrooms, Career Center and Special Opportunity Programs.

**The Loretto Memorial Library** houses over 134,000 volumes of books, periodicals, microfilm and microfiche, which support the undergraduate and graduate programs. Computer terminals located throughout the Library provide access to numerous databases, including the catalogs of three St. John's libraries and other consortium libraries, journal citation databases and full-text document service. Cooperative arrangements with other libraries provide regional, national and international access to materials. The Library also houses the Learning Resource Center.

**Mahoney Hall** contains technology-equipped classrooms, the Writing Center, Honors Lounge, and the psychology laboratory. The Rathskeller Student Lounge, located on the lower level, offers comfortable seating and a variety of beverages and snack items via vending machines.

**Notre Dame House** houses the Office of Facilities Services and Office of Campus Ministry.

**Rosati Hall** houses the College of Professional Studies Dean's and faculty offices.

**Spellman Hall** houses The Peter J. Tobin College of Business Dean's and faculty offices. The west end of Spellman Hall houses the Campus Coffee House and Public Safety.

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## Directions

### Queens Campus

#### By Automobile

**From Long Island:** Northern State Parkway onto Grand Central Parkway, exit at 188th Street. Left at light and sharp right onto service road; continue to campus; or exit at 168th Street, right turn onto service road and continue to campus.

Southern State Parkway to Cross Island Parkway (North) onto Grand Central Parkway (West); proceed as above.

Long Island Expressway, exit at Utopia Parkway (exit 25), left on Utopia to Union Turnpike.

**From the Bronx:** Triboro Bridge to Grand Central Parkway (East), exit at Utopia Parkway. Left at light to campus.

Throgs Neck Bridge to Clearview Expressway (South) to Union Turnpike (West) exit. Right on Union Turnpike to Gate 4 (175th Street).

#### From Westchester, Rockland and

**Connecticut:** Proceed as from the Bronx.

**From Brooklyn:** Jackie Robinson (Interboro) Parkway onto Grand Central Parkway, exit at Utopia Parkway (exit 25). Left at light to campus.

Belt Parkway to the Van Wyck Expressway, exit at Main Street, continue to Union Turnpike, right to campus.

**From Manhattan:** Queens Midtown Tunnel onto Long Island Expressway, exit at Utopia Parkway (exit 25), right on Utopia to Union Turnpike.

**From New Jersey:** George Washington Bridge onto Cross Bronx Expressway to Throgs Neck Bridge to Clearview Expressway (South). Proceed as under Bronx above. Verrazano-Narrows Bridge to Belt Parkway to Van Wyck Expressway. Proceed as under Brooklyn.

#### By Public Transportation

**I.N.D.:** "E" or "F" train to Union Turnpike Kew Gardens station. Q-46 bus to Utopia Parkway and Union Turnpike.  
"F" train to 169th St. station. Q-30 bus or Q-31 bus to St. John's University.

**I.R.T.:** Flushing subway to Main St., Flushing; Q-17 bus to Utopia Parkway and Long Island Expressway. Transfer to Q-30 or Q-31 bus for St. John's University.

**L.I.R.R.:** Jamaica Station. Q-30 or Q-31 bus to 169th St. and Hillside Ave. Flushing station. Q-17 bus to Utopia Parkway and Long Island Expressway. Transfer to Q-30 or Q-31 bus for St. John's University.

**Bus:** Express bus from Manhattan to Queens campus via Union Turnpike. Additional bus lines serve the immediate vicinity from Nassau, Queens, Brooklyn, Manhattan and the Bronx.

### Staten Island Campus

#### By Automobile

**From Manhattan:** West Side Highway or F.D.R. Drive to Brooklyn-Battery Tunnel. Follow signs "Staten Island" and/or "Verrazano-Narrows Bridge" to Staten Island. Take Staten Island Expressway (Interstate 278) West to the Richmond Road/Clove Road exit. Proceed on service road past two traffic signals and turn right at the third (Clove Road). Turn right at the next traffic light (Howard Avenue) and proceed approximately one mile on Howard (eight minutes from bridge).

Take the Staten Island Ferry from South Ferry, Manhattan to St. George, S.I., and proceed as from St. George.

**From St. George:** Proceed straight into Bay Street. Turn right at Victory Boulevard. At Eddy Street (opposite Silver Lake), turn left. At the end of Eddy Street turn right on Howard Avenue to Greta Place, which leads to the campus.

**From Brooklyn:** Belt Parkway or Brooklyn-Queens Expressway to Verrazano-Narrows Bridge; proceed as from Manhattan.

**From New Jersey:** Via Bayonne or Goethals Bridge, stay on Staten Island Expressway (Interstate 278 East) to the Richmond Road/Clove Road exit. Follow service road to first traffic light. Turn left onto Clove Road. Turn right at Howard Avenue (second light) and proceed approximately one mile on Howard. Campus is on the left. Via Outerbridge Crossing—follow West Shore Expressway (Rte 440N) to Staten Island Expressway (278 East) and proceed as above.

#### By Public Transportation

**From Manhattan:** Staten Island Ferry from South Ferry, Manhattan to St. George, S.I., and follow directions from St. George to the campus.

**From St. George, S.I.:** Buses marked S61, 62, 66, or 67. Get off at Clove Road and Victory Boulevard and transfer to Grymes Hill shuttle bus direct to Arlo Road, adjacent to the campus.

**From Brooklyn:** Take the S53 bus (at 86th St. and Fourth Avenue) across Verrazano-Narrows Bridge to Clove Road and Howard Avenue. Transfer to Grymes Hill shuttle bus direct to Arlo Road, adjacent to the campus.

### Manhattan Campus

#### By Automobile

**From Western Upstate New York:** New York State Thruway to Route 81 south, to Route 17 East, to New York State Thruway at Harriman, New York. Proceed to Palisades Parkway, to George Washington Bridge, to Henry Hudson Parkway, which becomes the West Side Highway South. Proceed past Canal Street, past Borough of Manhattan Community College, and turn left on Murray Street.

**From Eastern Upstate New York:** Take the Major Deegan Expressway (Route 87) to the Triboro Bridge, cross the bridge to Manhattan and onto the FDR Drive South. Exit at 23rd Street. Proceed west on 23rd Street across town to the West Side Highway (West Street). Turn left and go past Canal Street, past the Borough of Manhattan Community College, and turn left on Murray Street.

**From New Jersey:** Proceed through the Holland Tunnel to Canal Street; go past Hudson Street and turn right on Varick Street, which feeds into West Broadway. Stay on West Broadway to Murray Street, turn right on Murray Street, and proceed two blocks to the campus.

**From Long Island:** Take the Long Island Expressway to the Midtown Tunnel. Proceed west to the West Side Highway (West Street). Make a left turn and go past Canal Street, past the Borough of Manhattan Community College, and turn left on Murray Street.

Pay parking is available at Park Right Corp. at the corner of West Street and Murray Street, near the Embassy Suites.

#### By Public Transportation

##### I.N.D. Trains

**A, C, E Trains:** Take subway to Chambers Street station. Walk south on Church Street. Walk west on Murray Street to campus.

**N, R Trains:** Take subway to City Hall station. Walk south on Broadway. Walk west on Murray Street to campus.

##### I.R.T. Trains

**1, 2, 3, 9 Trains:** Take subway to Chambers Street station. Walk south on West Broadway. Walk west on Murray Street to campus.

**4, 5, 6 Trains:** Take subway to Brooklyn Bridge/City Hall station. Walk south on Park Row. Walk north on Broadway. Walk west on Murray Street to campus.

## NJ Path Trains

**From New Jersey:** Take 33rd Street train to Christopher Street station. Take 1, 9 trains to Chambers Street station. Walk south on West Broadway. Walk west on Murray Street to campus.

**From 33rd Street/Herald Square:** Take Hoboken train to Christopher Street station. Take 1, 9 trains to Chambers Street station. Walk south on West Broadway. Walk west on Murray Street to campus.

## NY Waterway Ferries

### Hoboken South, NJ - World Financial

**Center:** Walk north on North End Avenue. Walk east on Murray Street to campus.

### Colgate, Jersey City, NJ - World Financial

**Center:** Walk north on North End Avenue. Walk east on Murray Street to campus.

### Port Imperial, Weehauken, NJ - World

**Financial Center:** Walk north on North End Avenue. Walk east on Murray Street to campus.

## Oakdale

### By Automobile

#### From the Long Island Expressway (L.I.E.)

**Eastbound:** Take L.I.E. (I-495) eastbound to Exit 53S, south to Sagtikos State Parkway to Exit S4/Southern State Parkway eastbound. Then, follow directions from Southern State Parkway.

#### From the Southern State Parkway

**Eastbound:** Use Exit 44 East (Montauk), and get on Sunrise Highway (27) eastbound. Follow directions from Sunrise Highway west of Oakdale.

#### From Sunrise Highway West of Oakdale:

Take Sunrise Highway (27) eastbound until you see a sign for Oakdale–Montauk Highway (Rte. 85). Exit Sunrise Highway on your right, and at the light, make a left turn. Bear right going over a small bridge. From here, follow directions “From Oakdale” (below).

**From Oakdale:** Drive through Oakdale passing five traffic lights. (The Oakdale shopping plaza is on your left after the fifth light.) After this light, you should see the west entrance of the campus on your right. Enter the campus and proceed until you come to a gate. Turn left. “The Mansion” (Administrative Offices) is approximately 100 feet on your right.

#### From Sunrise Highway East of Oakdale:

Take Sunrise Highway (27) westbound to Exit 48, Locust Avenue/Oakdale-Bohemia. At the light, make a left onto Locust Avenue south. Proceed southbound on Locust for 2 miles until you reach the end, which is Montauk Highway (27A). Make a right onto Montauk Highway, and take your immediate left onto the west entrance of the campus. Proceed until you come to a gate. Turn left. “The Mansion” (Administrative Offices) is approximately 100 feet on the right side.

### By Public Transportation

**From New York City:** Take L.I.R.R. to the Oakdale station. Take the Suffolk County Transit Bus S40 bus east on Montauk Highway to Oakdale’s main entrance on Montauk Highway.

**From Eastern Long Island:** Take L.I.R.R. to the Sayville station. Take the Suffolk County Transit Bus S40 bus west on Montauk Highway to Oakdale’s main entrance on Montauk Highway.

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