



Graduate Bulletin
2006–2008



St. John's University Graduate Bulletin

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Thirty-Sixth Series, Number 1

Students attending St. John's University are required to familiarize themselves with the Bulletin. Primary responsibility for knowing and fulfilling all requirements rests on the 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, (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 or disability 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 Compliance Officer for St. John's University is Jennifer Petrilli.

Ms. Petrilli's office is located on the Queens campus in Chiong Ching-Kuo Hall, Room 111B; or she may be reached by telephone at (718) 990-2660.

For the most up-to-date bulletin information, visit the University Web site at www.stjohns.edu/graduatebulletin. You also may contact:

Office of Graduate Admission
St. John's University
8000 Utopia Parkway
Queens, NY 11439
1 (888) 9STJOHNS

The Graduate 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:

Undergraduate Bulletin
School of Law Bulletin
Rome Graduate Center Catalog

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.



2006 – 2008
Graduate Bulletin

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

8000 Utopia Parkway
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Please note: The graduate bulletin also can be found at our Web site www.stjohns.edu/bulletins.

Academic Calendar

Academic Calendar 2006–2008

*Calendar is subject to change.
Please consult the Web regularly.

2006 Fall Semester

August

- 3 **Thursday:**
Last day to file a diploma application for September conferral.
- 30 **Wednesday:**
Fall semester begins.
Monday classes meet.

September

- 4 **Monday:**
Labor Day—School closed.
No classes.
- 6 **Wednesday:**
Last day for program changes.
All registration ceases.
- 8 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
College of Pharmacy and Allied Health Professions
All language testing requirements must be fulfilled and requests for transfer credit must be processed by this date.
- 27 **Wednesday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
College of Pharmacy and Allied Health Professions
Last day to apply for fall Master's Comprehensive Examination and Doctoral Qualifying, Writing and Comprehensive Examinations.
- 28 **Thursday:**
The School of Education
Last day to apply for fall Doctoral and Master's Comprehensive Examinations.
College of Professional Studies
Comprehensive Examinations will be offered on an as-needed basis.
Please see the Director for details.
- 29 **Friday:**
September degree conferral date.

October

Web registration begins. Schedule to be announced. Consult the Web.

- 2 **Monday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
Readers' copies of Doctoral dissertations and Master's theses for degrees in January to be submitted to the departmental chair

by this date.

- 9 **Monday:**
Columbus Day—School closed.
No classes.
- 20 **Friday:**
Last date to file a diploma application for January conferral.
- 27 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Doctoral Comprehensive Examination
Master's Comprehensive Examination
- 31 **Tuesday:**
Wednesday classes meet

November

- 1 **Wednesday:**
All Saints' Day—School closed.
No classes.
- 3 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Doctoral Comprehensive Examination and Writing Competency Examinations
- 4 **Saturday:**
The School of Education
Doctoral Comprehensive Examination
- 7 **Tuesday:**
Last day to withdraw from classes.
Last date to apply for Pass/Fail Option.
Last day to submit coursework for incomplete grades from the Spring and Summer 2006 semesters.
- 8 **Wednesday:**
College of Pharmacy and Allied Health Professions
Doctoral Comprehensive Examinations
Master's Comprehensive Examinations
- 10 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Doctoral Comprehensive and Qualifying Examinations
- 11 **Saturday:**
The School of Education
Doctoral Comprehensive Examinations
Master's Comprehensive Examinations
- 22–26 **Wednesday–Sunday:**
Thanksgiving recess. No classes.
- 27 **Monday:**
Classes resume.
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
Final Oral Examinations (defense) for all candidates for Doctoral degrees in January to have been held by this date.

December

- 6 **Wednesday:**
Last day of classes.
- 7 **Thursday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
Completed theses and dissertations for all January degrees to be submitted to the Office of the Dean by this date. Microfilm fee to be paid at this time.
Study Day. No classes.
- 8 **Friday:**
Feast of the Immaculate Conception—School closed. No classes.
- 9–15 **Saturday–Friday:**
Final examination period.

2007 Spring Semester

January

- 11 **Thursday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Doctoral and Master's School Psychology Comprehensive Examinations
- 15 **Monday:**
Martin Luther King, Jr. Day—School closed. No classes.
- 17 **Wednesday:**
Spring semester begins.
- 22 **Monday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
College of Pharmacy and Allied Health Professions
All language testing requirements must be fulfilled and requests for transfer credit must be processed by this date.
- 23 **Tuesday:**
Last day for program changes.
All registration ceases.
- 24 **Wednesday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Last day to apply for Spring Doctoral and Master's Comprehensive Examination and for Doctoral Qualifying and Writing Examinations.
College of Pharmacy and Allied Health Professions
Last day to apply for spring Doctoral and Master's Comprehensive Examination.

- 31 **Wednesday:**
The School of Education
 Last day to apply for spring Doctoral and Master's Comprehensive Examinations.
College of Professional Studies
 Comprehensive Examinations will be offered on an as-needed basis. Please see the Director for details.

February

- 6 **Tuesday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
 Readers' copies of Doctoral dissertations and Master's theses for degrees in May to be submitted to the departmental chair by this date.
- 19 **Monday:**
 Presidents' Day—
 School closed. No classes.
- 21 **Wednesday:**
 Monday classes meet.

March

Web Registration begins. Schedule to be announced. Consult the Web.

- 2 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
 Doctoral Comprehensive Examination
 Master's Comprehensive Examination
 Last day to file a Graduation diploma application for May Commencement.
- 3 **Saturday:**
The School of Education
 Doctoral Comprehensive Examination
- 5–10 **Monday–Saturday:**
 Spring break—No classes.
- 7 **Wednesday:**
College of Pharmacy and Allied Health Professions
 Doctoral Comprehensive Examination
 Master's Comprehensive Examination
- 8 **Thursday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
 Doctoral Comprehensive Examination and D.A. Writing Competency Examinations
- 10 **Saturday:**
The School of Education
 Doctoral Comprehensive Examinations
 Master's Comprehensive Examinations
- 16 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
 Doctoral Comprehensive and Qualifying Examinations
- 30 **Friday:**
 Last day to withdraw from classes.
 Last day to apply for Pass/Fail option.
 Last day to submit coursework for incomplete grades from Fall 2006 semester.

- 4 *Calendar is subject to change. Please consult the Web regularly.
 For information on school closings, check www.stjohns.edu/closings

April

- 5-9 **Thursday–Monday:**
 Easter Recess—
 School closed. No classes.
- 10 **Tuesday:**
 Classes resume.
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
 Final Oral Examinations (defense) for all candidates for Doctoral degrees in May 2007 to have been held by this date.
- 23 **Monday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
 Readers' copies of Doctoral dissertations and Master's theses for degrees in September to be submitted to the departmental Chair by this date.
- 30 **Monday:**
 Last day of classes

May

- 1 **Tuesday:**
 Study Day—No classes.
- 2– **Wednesday–Tuesday:**
 8 Final examination period.
- 7 **Monday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
 Completed theses and dissertations for all degrees in May to be submitted to the Office of the Dean by this date. Microfilm fee to be paid at this time.
Graduate Division of St. John's College of Liberal Arts and Sciences
 Last day to apply for summer Master's Comprehensive Examination (for those departments which will be offering the examination).
College of Pharmacy and Allied Health Professions
 Last day to apply for summer Doctor of Pharmacy Comprehensive Examination (for those departments which will be offering the examination).
- TBA **Saturday:**
 Commencement Exercises—
 Staten Island campus
- TBA **Sunday:**
 Commencement Exercises—
 Queens campus

June

- 25 **Monday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
 Master's Comprehensive Examination
College of Pharmacy and Allied Health Professions
 Pharm. D. Comprehensive Examination

July

- 9– **Monday–Tuesday:**
 10 **Graduate Division of St. John's College of Liberal Arts and Sciences**
 Clinical Psychology Doctoral Comprehensive Examination
- 15 **Sunday:**
 Commencement Exercises—
 Rome campus (Graduate)

2007 Fall Semester

August

- 2 **Thursday:**
 Last date to file a diploma application for September conferral.
- 29 **Wednesday:**
 Fall semester begins.
 Monday classes meet.

September

- 1 **Saturday:**
 No classes.
- 3 **Monday:**
 Labor Day—
 School closed. No classes.
- 5 **Wednesday:**
 Last date for program changes.
 All registration ceases.
- 7 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
College of Pharmacy and Allied Health Professions
 All language testing requirements must be fulfilled and requests for transfer credit must be processed by this date.
- 26 **Wednesday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
College of Pharmacy and Allied Health Professions
 Last day to apply for fall Master's Comprehensive Examination and Doctoral Qualifying, Writing and Comprehensive Examinations.
- 27 **Thursday:**
The School of Education
 Last day to apply for fall Doctoral and Master's Comprehensive Examinations.
College of Professional Studies
 Comprehensive Examinations will be offered on an as-needed basis. Please see the Director for details.
- 28 **Friday:**
 September degree conferral date.

October

Web Registration begins. Schedule to be announced. Consult the Web.

- 1 **Monday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
Readers' copies of Doctoral dissertations and Master's theses for degrees in January to be submitted to the departmental Chair by this date.
- 8 **Monday:**
Columbus Day—
School closed. No classes.
- 17 **Wednesday:**
Last date to file a diploma application for January conferral.
- 26 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Doctoral Comprehensive Examination
Master's Comprehensive Examination

November

- 1 **Thursday:**
All Saints' Day—
School closed. No classes.
- 2 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Doctoral Comprehensive Examination and Writing Competency Examinations
- 3 **Saturday:**
The School of Education
Doctoral Comprehensive Examinations
- 6 **Tuesday:**
Last date to withdraw from classes.
Last date to apply for Pass/Fail option.
Last day to submit coursework for incomplete grades from the Spring and Summer 2007 semesters.
- 7 **Wednesday:**
College of Pharmacy and Allied Health Professions
Doctoral Comprehensive Examination and Qualifying Examination
- 9 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Doctoral Comprehensive and Qualifying Examinations
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
Final Oral Examinations (defense) for all candidates for Doctoral degrees in January 2008 to have been held by this date.

- 10 **Saturday:**
The School of Education
Doctoral Comprehensive Examinations
Master's Comprehensive Examinations
- 20 **Tuesday:** Thursday classes meet.
- 21– **Wednesday–Sunday:**
25 Thanksgiving Recess—No classes.
- 26 **Monday:**
Classes resume.

December

- 1 **Saturday:**
Last day of Saturday classes.
- 5 **Wednesday:** Last day of Weekday classes.
- 6 **Thursday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
Completed theses and dissertations for all degrees in January to be submitted to the Office of the Dean by this date. Microfilm fee to be paid at this time.
- 6–7 **Thursday–Friday:**
Study Days—No classes.
- 8 **Saturday:**
Immaculate Conception—
School closed. No classes. No Final Exams.
- 10– **Monday–Saturday:**
15 Final examination period.

2008 Spring Semester

January

- 10 **Thursday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Doctoral and Master's School Psychology Comprehensive Examinations
- 21 **Monday:**
Martin Luther King, Jr. Day—
School closed. No classes.
- 23 **Wednesday:**
Spring semester begins.
First day of classes.
- 29 **Tuesday:**
Last day for program changes.
All registration ceases.

- 30 **Wednesday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
College of Pharmacy and Allied Health Professions
All language testing requirements must be fulfilled and requests for transfer credit must be processed by this date.
Graduate Division of St. John's College of Liberal Arts and Sciences
Last day to apply for spring Doctoral and Master's Comprehensive Examination, and for Doctoral Qualifying and Writing Examinations.
College of Pharmacy and Allied Health Professions
Last day to apply for spring Doctoral and Master's Comprehensive Examinations.
- 31 **Thursday:**
The School of Education
Last day to apply for spring Doctoral and Master's Comprehensive Examinations.
College of Professional Studies
Comprehensive Examinations will be offered on an as-needed basis. Please see the Director for details.

February

- 4 **Monday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
Readers' copies of Doctoral dissertations and Master's theses for degrees in May to be submitted to the departmental Chair by this date.
- 18 **Monday:**
Presidents' Day—
School closed. No classes.
- 22 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
Doctoral Comprehensive Examination
Master's Comprehensive Examination
- 25– **Monday–Saturday:**
3/1 **Spring Break—No classes.**

March

Web Registration begins. Schedule to be announced. Consult the Web.

- 5 **Wednesday:**
College of Pharmacy and Allied Health Professions
Doctoral Comprehensive Examination
Master's Comprehensive Examination
- 6 **Thursday:**
Last day to file a diploma application for May Commencement Exercises; date to be announced.

- 7 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
 Doctoral Comprehensive Examination and D.A. Writing Competency Examinations
- 8 **Saturday:**
The School of Education
 Doctoral Comprehensive Examinations
- 14 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
 Doctoral Comprehensive and Qualifying Examinations
- 15 **Saturday:**
The School of Education
 Doctoral Comprehensive Examinations
 Master's Comprehensive Examinations
- 18 **Tuesday:**
 Thursday classes meet.
- 20– **Thursday–Monday:**
- 24 **Easter Recess—**
 School closed. No classes.
- 25 **Tuesday:**
 Classes resume.

April

- 9 **Wednesday:**
 Last day to withdraw from classes. Last day to apply for pass/fail option. Last day to submit coursework for incomplete grades from the Fall 2007 semester.
- 11 **Friday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
 Final Oral Examinations (defense) for all candidates for Doctoral degrees in May 2008 to have been held by this date.
- 14 **Monday:**
The School of Education
 Readers' copies of Doctoral dissertations for May degrees to be submitted to the departmental Chair by this date.
Graduate Division of St. John's College of Liberal Arts and Sciences
College of Pharmacy and Allied Health Professions
 Readers' copies of Doctoral dissertations and Master's theses for degrees in May to be submitted to the departmental Chair by this date.

May

- 1 **Thursday:**
Ascension Thursday—
 School closed. No classes.
- 5 **Monday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
The School of Education
College of Pharmacy and Allied Health Professions
 Complete theses and dissertations for all May degrees to be submitted to the Office of the Dean by this date. Microfilm fee to be paid at this time.
Graduate Division of St. John's College of Liberal Arts and Sciences
 Last day to apply for summer Doctoral and Master's Comprehensive Examinations (for departments offering the examinations).
College of Pharmacy and Allied Health Professions
 Last day to apply for summer Doctor of Pharmacy Comprehensive Examination.
- 6 **Tuesday:**
 Last day of classes.
- 7 **Wednesday:**
 Study Day—No classes.
- 8– **Thursday–Wednesday:**
 14 Final examination period.
- 17 **Saturday:**
 Commencement Exercises—
 Staten Island campus
- 18 **Sunday:**
 Commencement Exercises—
 Queens campus

June

- 30 **Monday:**
Graduate Division of St. John's College of Liberal Arts and Sciences
 Doctoral Comprehensive Examination and Master's Comprehensive Examination (for departments offering the examination.)
College of Pharmacy and Allied Health Professions
 Pharm. D. Comprehensive Examinations

July

- 14– **Monday–Tuesday:**
- 15 **Graduate Division of St. John's College of Liberal Arts and Sciences**
 Clinical Psychology Doctoral Comprehensive Examinations

General Information

Applications for admission to graduate degree programs are accepted throughout the academic year. It is highly recommended that both the application and all supporting credentials be submitted to the Office of Graduate Admission three months prior to the semester in which the student wishes to begin a program of study. Specific program deadlines are as follows:

Psychology (Ph.D., Psy.D., M.S.)

February 1 (Fall only—Clinical Psy., Ph.D.)
February 1 (Fall only—School Psy., Psy.D.)
March 15 (Fall only—School Psy., M.S.)

Speech Pathology and Audiology (M.A.)

February 1 (Fall)
October 1 (Spring)

College of Pharmacy and Allied Health Professions

M.S., Ph.D.

April 1 (Fall)
December 1 (Spring)

Pharm.D./Practitioner's Option

March 15 (Fall only)

The Peter J. Tobin College of Business (M.B.A.)

May 1 (recommended for Fall)
November 1 (recommended for Spring)

The School of Education (Ed.D.)

April 15 (Fall only)
The School of Education Counseling Majors: Completed applications for counseling programs are due April 1 for the summer and fall semesters and November 1 for the spring semester.

International Students

May 1 (Fall)
November 1 (Spring)

A non-refundable fee of \$40, in the form of a check or money order payable to St. John's University, must accompany the application.

The Office of Graduate and International Admission will make every effort to notify students of the status of their application. Ultimately, however, it is the student's responsibility to make sure that all supporting credentials are received by the application deadline.

Completed applications and supporting credentials should be forwarded to the campus of intended study as follows:

Office of Graduate Admission
St. John's University
8000 Utopia Parkway
Queens, NY 11439

Office of Graduate Admission
St. John's University
300 Howard Avenue
Staten Island, NY 10301

- Applicants to The School of Education:
St. John's University
The School of Education
Office of Graduate Admission
8000 Utopia Parkway
Queens, NY 11439
- Applicants to The Peter J. Tobin College of Business:
St. John's University
Office of Graduate Admission
8000 Utopia Parkway
Queens, NY 11439

Admission to a Degree Program

Admission to a degree program is contingent upon an assessment of the candidate's ability to successfully pursue graduate study.

Ability is demonstrated by previous academic performance, satisfactory achievement on appropriate standardized tests, letters of recommendation and other factors that suggest academic potential and motivation.

Specifically, degree candidates must provide the following for admission consideration:

1. Evidence of a baccalaureate degree from an accredited college or university including *official* transcripts from each institution attended.
2. Letters of recommendation (requirements vary according to program; please refer to appropriate program information in other sections of this bulletin) from instructors in the proposed area of specialization or other qualified individuals as designated by the school, division or program to which the candidate is applying.
3. Official results of performance on standardized test as appropriate to the requirements of the particular school, division or program.
4. Evidence that conditions or requirements specific to the school, division or program of interest have been met.

Admission to a degree program does not guarantee advancement to degree candidacy. Additional requirements must first be met before the student may be considered a degree candidate (see "Degree Requirements").

International Student Admission

Applicants whose native language is not English and who have not attended a postsecondary institution in which English is the language of instruction must take the (1) TOEFL (Test of English as a Foreign Language) or (2) IELTS (International English Language Testing System). For applications and information regarding IELTS, please visit the Web site: www.ielts.org. For applications and information regarding TOEFL, contact TOEFL Services, Educational Testing Service, Box 6151, Princeton, NJ 08541-6151; or visit the ETS Web site: www.ets.org.

English as a Second Language:

International applicants may be asked to take a University-sponsored English placement examination prior to the start of their academic studies at St. John's. Students will be informed of this test in the decision letter. Students requiring additional English language support are considered for the University's full-time Intensive English Program (IEP) or part-time English as a Second Language (ESL) classes.

Application Deadline: All students living outside the United States who require a student visa must provide completed applications (including all supporting materials) by May 1 for the fall semester and November 1 for the spring semester. However, applicants must first adhere to any specific deadlines for their intended program of study as noted in the Graduate Bulletin.

Applicants must present a formal application, official school records issued by your college/university and results of the TOEFL/IELTS examinations. All documents in languages other than English must be accompanied by certified English translations. For deadline dates, please see the "International Students" section. Students who require a Form I-20 for a student (F-1) visa or a Form DS-2019 for an exchange (J-1) visa must provide proof of financial support. Please refer to our University brochure "How To Get Your Form I-20" or "How To Get Your Form DS-2019", or contact the International Student and Scholar Services Office, (718) 990-6083, fax (718) 990-2070.

General Graduate Information

Questions concerning admission procedures or graduate programs offered by the University should be directed to the Office of Graduate Admission, (718) 990-1601, fax (718) 990-2346, or you may email gradadm@stjohns.edu.

Transfer Student Admission

Students may seek admission to one of the graduate programs at the University after having successfully completed some graduate coursework at another accredited institution. The student must present the catalog description(s) of the graduate course(s) for which transfer credit or advanced standing is requested and complete a Transfer of Credit form (where applicable), which is available from the office of the appropriate academic Dean. No credit will be allowed for courses beyond the stipulated time limit or in which the grade attained is below "B" (3.0). Only after the academic Dean evaluates all documentation, may requests for transfer of credit or advanced standing be approved. Transferred or advanced standing grades will not affect the cumulative quality point index.

Transfer Credit

A student may request that credit for previously completed coursework be transferred to the St. John's University program of study, provided that it has not been applied toward the fulfillment of requirements for another degree. At the master's level, a maximum of six semester hours of graduate credit will be accepted on a tentative basis, pending re-evaluation after the student has successfully completed 12 semester hours of graduate credit at the University. For programs in the graduate divisions of St. John's College of Liberal Arts and Sciences and the The Peter J. Tobin College of Business, please refer to the appropriate sections of this bulletin.

A matriculated student may wish to take a course at an accredited institution and transfer the credit toward the St. John's degree program. The student must present the catalog description of the course and a permission form to his/her department/division Chair. Upon the recommendation of the Chair and the approval of the academic Dean, the student may register for the course. Upon completion of the course, the student must submit an official transcript to the Office of the Registrar and complete a Transfer of Credit form, which is available in the office of the appropriate academic Dean.

Advanced Standing

Students enrolled in professional diploma and doctoral programs may request advanced standing for coursework completed in fulfillment of a previously earned graduate degree.

The number of advanced standing credits permitted is contingent upon assessment of the previously earned credit in accordance with department/division and school/college regulations. However, all doctoral students in the Graduate Division of St. John's College of Liberal Arts and Sciences and the College of Pharmacy and Allied Health Professions must complete a minimum of two-thirds of the total number of credits beyond the master's degree

at St. John's University. All doctoral students in The School of Education are required to take a minimum of 45 credits 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 invoice, 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.

Commuter Students: Insurance also is available to our commuter full-time and part-time graduate population and can be purchased at www.universityhealthplans.com.

Please direct any questions to the Office of Business Affairs 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 as well as room and/or board charges 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 accepted by the Office of the Bursar.

For those 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 the Bursar.

Students holding full-tuition scholarships are required to pay the General Fee and any other fees required for the course(s) 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.

For the most up-to-date information, check the online version of this bulletin at www.stjohns.edu/bulletins.

2006–2007 Tuition*

| Graduate Cost | per credit |
|---|------------|
| College of Professional Studies | \$770 |
| The School of Education | 770 |
| The Peter J. Tobin College of Business | 795 |
| St. John's College | |
| Grad Arts & Sciences | 770 |
| School Psychology | 845 |
| Library Science | 845 |
| Speech–Language Pathology and Audiology | 845 |
| Ph.D. Clinical Psychology | 945 |
| College of Pharmacy and Allied Health Professions | 910 |
| Pharm.D. (Practitioner's Option) | 945 |

* Check for regular tuition updates in our online Graduate Bulletin at www.stjohns.edu.

Fees

| | |
|---|-------|
| General Fee per semester (non-refundable) | \$125 |
| Particular Fees (non-refundable) | |
| Application fee | 40 |
| Late registration/payment | 150 |
| Maintaining matriculation, per semester | 50 |
| Microfilming of doctoral dissertation and abstract | 100 |
| Binding fee | 10 |
| Examination Fees (non-refundable) | |
| Comprehensive examination for master's degree | 50 |
| Qualifying examination for doctoral degree | 40 |
| Comprehensive examination for doctoral degree, reading of dissertation and oral examination | 100 |
| Language examinations, per examination | 20 |
| Make-up examinations | 40 |
| Special Assessment | 50 |
| Dissertation Copyediting fee | 150 |

Health Insurance Rate 2006-2007

| | |
|---|-------------------------|
| Resident Students | \$1,845 per year |
| F1/J1 Students (Fall '06) | \$922.50 per semester |
| F1/J1 Students (Spring '06, new students) | \$1,245.00 per semester |
| Continuing Students (Spring '07) | \$922.50 per year |

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

Laboratory fees are non-refundable. Additional charges will be made for breakage and losses.

Students whose accounts are in arrears will not be permitted to register for a subsequent semester, receive grades, or be issued a diploma or a transcript of record. All past due balances are charged interest at the rate of one percent 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.

Room and Board

Queens

2006–2007 Academic Year

| | |
|----------------------|----------------------|
| Single Room | \$4,350 per semester |
| Standard Double Room | \$3,600 per semester |
| Junior Double Room | \$3,250 per semester |
| Junior Triple Room | \$3,040 per semester |
| Standard Triple Room | \$3,600 per semester |

Board (Meal) Plan

| | |
|---------------|----------------------|
| 10, 14, or 19 | \$2,135 per semester |
| Meal Plan 7 | \$1,190 per semester |

Queens Off-Campus

| | |
|-------------------|----------------------|
| Single Room | \$4,675 per semester |
| Large Single Room | \$4,775 per semester |
| Double Room | \$3,990 per semester |
| Triple Room | \$3,400 per semester |

Staten Island

2006–2007 Academic Year

| | |
|--------------------|--------------------------------------|
| Single Rooms range | from \$3,500 to \$4,350 per semester |
| Double Rooms range | from \$3,225 to \$3,500 per semester |
| Triple Room | \$2,975 per semester |

Manhattan

2006–2007 Academic Year

| | |
|-------------|----------------------|
| Single Room | \$4,350 per semester |
| Double Room | \$3,275 per semester |
| Triple Room | \$3,275 per semester |

Meal Plan

| | |
|-------------------------|----------------------|
| Upperclassmen Meal Plan | \$1,350 per semester |
|-------------------------|----------------------|

A Board (Meal) Plan is not currently available on the Staten Island campus. Although the Board Plan is not available on the Staten Island campus, students are able to place money for meals on their StormCard's declining balance account.

For Room and Board Refund Schedules, please check with the Office of the Bursar or Residence Life. Withdrawal from campus housing could affect your cost of attendance for financial aid purposes. Please contact the Office of Financial Aid for details.

Withdrawal from Courses and Tuition Credits and Refunds

A student who wishes to withdraw from a course must complete a Change of Program form and have it signed by the appropriate departmental Chair and academic Dean. The date of withdrawal will be the date of the student's written request as attested by his or her Dean.

Withdrawal from courses may entitle the student to a credit for tuition. The percentage of credit will be determined according to the schedules listed. The credit policy refers only to tuition. Fees are not refundable.

Students should allow at least three weeks 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 any portion of 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 the University 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.

The following percentage of tuition may be credited for withdrawals:

Fall 2006

| | % of Credit |
|----------------------|-------------|
| Through September 6 | 100% |
| Through September 13 | 80% |
| Through September 20 | 60% |
| Through September 27 | 40% |
| Through October 4 | 20% |
| After October 4 | NONE |

Spring 2007

| | % of Credit |
|---------------------|-------------|
| Through January 23 | 100% |
| Through January 30 | 80% |
| Through February 6 | 60% |
| Through February 13 | 40% |
| Through February 20 | 20% |
| After February 20 | NONE |

Fall 2007

| | % of Credit |
|----------------------|-------------|
| Through September 4 | 100% |
| Through September 11 | 80% |
| Through September 18 | 60% |
| Through September 25 | 40% |
| Through October 2 | 20% |
| After October 2 | NONE |

Spring 2008

| | % of Credit |
|---------------------|-------------|
| Through January 29 | 100% |
| Through February 5 | 80% |
| Through February 12 | 60% |
| Through February 19 | 40% |
| Through February 26 | 20% |
| After February 26 | NONE |

Academic Information and Regulations

Program Requirements

In addition to the regulations in this section, each student is responsible for becoming familiar with the requirements specific to the college/school, department/division and academic program of study in which he/she is enrolled. For further details, consult the appropriate section of this bulletin.

Academic Units and Programs

Most graduate courses at St. John's are conveniently scheduled for late afternoons, evenings and Saturday mornings. Enrollment in non-approved coursework may jeopardize a student's eligibility for a student aid award. Following is a listing of all approved graduate programs at St. John's University. To learn which of the University's campuses offer specific programs, please consult your academic Dean.

St. John's College of Liberal Arts and Sciences

| Major Name | HEGIS Code | Credentials |
|---|------------|-------------|
| Asian and African Culture Studies | 0399 | Certificate |
| Audiology | 1220 | Au.D. |
| Biology | 0401 | B.S./M.S. |
| Biology | 0401 | M.S. |
| Biology* | 0401 | M.Phil. |
| Biological and Pharmaceutical Biotechnology | 0499 | M.S. |
| Biology | 0401 | Ph.D. |
| Catholic Theology and Pastoral Ministry | 2399 | M.A. |
| Chemistry | 1905 | B.S./M.S. |
| Chemistry | 1905 | M.S. |
| Chinese Studies | 0399 | M.A. |
| Clinical Psychology | 2003 | Ph.D. |
| Communication Arts/Government and Politics | 0601/2207 | B.S./M.A. |
| Communication Arts/Sociology | 0601/2208 | B.S./M.A. |
| Criminal Justice/Sociology | 2105/2208 | B.S./M.A. |
| Criminal Justice/Government and Politics | 2105/2207 | B.S./M.A. |

| | | |
|--|-----------|----------------------|
| Criminology and Justice | 2209 | M.A. |
| East Asian Cultural Studies | 0302 | Advanced Certificate |
| East Asian Studies | 0302 | B.A./M.A. |
| East Asian Studies | 0302 | M.A. |
| English | 1502 | B.A./M.A. |
| English | 1502 | M.A. |
| English | 1501 | D.A. |
| General-Experimental Psychology | 2002 | B.A./M.A. |
| Government and Politics | 2207 | B.A./M.A. |
| Government and Politics | 2207 | M.A. |
| Government and Politics/Law | 2207/1401 | M.A./J.D. |
| Government and Politics/Library Science | 2207/1601 | M.A./M.L.S. |
| Health Services Administration/Government and Politics | 1202/2207 | B.S./M.A. |
| Health Services Administration/Sociology | 1202/2208 | B.S./M.A. |
| History | 2205 | B.A./M.A. |
| History | 2205 | M.A. |
| Modern World History | 2205 | D.A. |
| Human Services/Sociology | 2101/2208 | B.S./M.A. |
| International Law and Diplomacy | 2210 | Certificate |
| Journalism/Government and Politics | 0602/2207 | B.S./M.A. |
| Journalism/Sociology | 0602/2208 | B.S./M.A. |
| Latin American and Caribbean Studies | 0308 | Adv. Certificate |
| Legal Studies/Government and Politics | 0599/2207 | B.S./M.A. |
| Legal Studies/Sociology | 0599/2208 | B.S./M.A. |
| Liberal Studies | 4901 | M.A. |
| Library and Information Studies | 1601 | Advanced Certificate |
| Library Science | 1601 | M.L.S. |
| Ministerial Studies | 2301.10 | M.Div. |
| Mathematics | 1701 | B.A./M.A. |
| Mathematics | 1701 | M.A. |
| Pharmacy/Library Science | 1211/1601 | M.S./M.L.S. |
| Psychology/General-Experimental Psychology | 2002 | M.A. |
| Public Administration in Government | 2102 | Certificate |
| School Psychology | 0822 | Psy.D. |
| School Psychologist** | 0826.02 | M.S. |

| | | |
|-------------------------------------|------|-----------|
| Sociology | 2208 | B.A./M.A. |
| Sociology | 2208 | M.A. |
| Spanish | 1105 | B.A./M.A. |
| Spanish | 1105 | M.A. |
| Speech-Language Pathology/Audiology | 1220 | M.A. |
| Theology | 1510 | B.A./M.A. |
| Theology | 1510 | M.A. |

* *The Master of Philosophy (M. Phil.) is an intermediate degree between other academic Master's degrees and the Doctor of Philosophy (Ph.D.) degree. It is awarded to candidates in some of the University Ph.D. programs for completion of all requirements for the Ph.D. except the dissertation.*

** *Leads to permanent bilingual certification.*

The School of Education

| Major Name | HEGIS Code | Credentials |
|--|------------|----------------------|
| Adolescent Education: Field Change | 0803 | M.S.Ed. |
| Adolescent Education: Career Change | 0803 | M.S.Ed. |
| Adolescent Education: Biology 7-12 | 0401.01 | M.S.Ed. |
| Adolescent Education: English 7-12 | 1501.01 | M.S.Ed. |
| Adolescent Education: Mathematics 7-12 | 1701.01 | M.S.Ed. |
| Adolescent Education: Social Studies 7-12 | 2201.01 | M.S.Ed. |
| Adolescent Education: Spanish 7-12 | 1105.01 | M.S.Ed. |
| Bilingual Education | 0899 | Extension |
| Childhood and Childhood Special Education (Internship) | 0808 | M.S.Ed. |
| Childhood Education And TESOL | 1508 | M.S.Ed. |
| Childhood Education: Career Change | 0802 | M.S.Ed. |
| Childhood Education: Field Change | 0802 | M.S.Ed. |
| Childhood Education (1-6) | 0802 | M.S.Ed. |
| School Building Leadership | 0828 | M.S.Ed. |
| Education Administration and Supervision | 0827 | Professional Diploma |
| School District Leadership | 0827 | Ed.D. |
| Early Childhood Education: Career Change | 0823 | M.S.Ed. |
| Early Childhood Education: Field Change | 0823 | M.S.Ed. |
| Instructional Leadership | 0829 | Professional Diploma |
| Instructional Leadership | 0829 | Ed.D. |

| | | |
|--|---------|------------------------------|
| Literacy Birth–6 | 0830 | M.S.Ed. |
| Literacy 5–12 | 0830 | M.S.Ed. |
| Rehabilitation Counseling | 0826 | M.S.Ed. |
| Rehabilitation Counseling | 0826 | Professional Diploma |
| School Counselor | 0826.01 | M.S.Ed. |
| School Counselor | 0826.01 | Professional Diploma |
| School Counselor with Bilingual Extension | 0826.01 | M.S.Ed. Professional Diploma |
| Teaching Children with Disabilities in Childhood | 0808 | M.S.Ed. |
| TESOL | 1508.01 | M.S.Ed. |

The Peter J. Tobin College of Business

| Major Name | HEGIS Code | Credentials |
|---|------------|------------------|
| Accountancy | 0502 | B.S./M.S. |
| Accounting | 0502 | M.S. |
| Accountancy/Public Accounting | 0502 | B.S./M.B.A. |
| Accountancy/Taxation | 0502 | B.S./M.S. |
| Computer Information Systems-Decision Sciences (CIS-DS) | 0507 | Certificate |
| CIS-DS | 0507/1401 | M.B.A./J.D. |
| Controllership | 0599 | Adv. Certificate |
| Controllership | 0599 | M.B.A. |
| Controllership | 0599/1401 | M.B.A./J.D. |
| CIS-DS | 0507/1401 | M.B.A./J.D. |
| Economic Theory | 2204 | M.B.A. |
| Economic Theory | 2204 | Certificate |
| Economic Theory/Law | 2204/1401 | M.B.A./J.D. |
| Economic Theory | 2204 | B.A./M.B.A. |
| Economic Theory | 2204 | B.S./M.B.A. |
| Executive Management | 0506 | M.B.A. |
| Executive Management | 0506 | Certificate |
| Executive Management/Law | 0506/1401 | M.B.A./J.D. |
| Finance | 0504 | M.B.A. |
| Finance | 0504 | Certificate |
| Finance/Law | 0504/1401 | M.B.A./J.D. |
| Forecasting and Planning | 0599.00 | M.S. |
| Marketing | 0509 | M.B.A. |
| Marketing | 0509 | Certificate |
| Marketing/Law | 0509/1401 | M.B.A./J.D. |
| Public Accounting | 0502 | M.B.A. |
| Public Accountancy | 0502/1401 | M.S./J.D. |
| Public Accounting/Law | 0502/1401 | M.S./J.D. |
| Public Accounting | 0502 | Certificate |
| Public Accounting | 0502 | B.S./M.S. |
| Public Accounting/Law | 0502/1401 | M.B.A./J.D. |

| | | |
|----------------------------------|---------|-------------|
| Purchasing and Supply Leadership | 0509.10 | M.S. |
| Taxation | 0502.10 | M.B.A. |
| Taxation | 0502.10 | M.S. |
| Taxation | 0502.10 | Certificate |
| Taxation/Law | 0502.10 | M.B.A./J.D. |
| Taxation | 0502.10 | B.S./M.S. |

School of Law

| Major Name | HEGIS Code | Credentials |
|------------|------------|-------------|
| Law | 1401 | J.D. |
| Bankruptcy | 1499.00 | LL.M. |

College of Pharmacy and Allied Health Professions

| Major Name | HEGIS Code | Credentials |
|---|------------|-------------|
| Pharmaceutical Sciences and Library Science | 1211/1601 | M.S./M.L.S. |
| Pharmacy | 1211 | Pharm. D. |
| Pharmacy Administration | 1211 | M.S. |
| Pharmaceutical Sciences | 1211 | M.S. |
| Pharmaceutical Sciences | 1211 | Ph.D. |
| Toxicology | 0426 | B.S./M.S. |
| Toxicology | 0426 | M.S. |

College of Professional Studies

| Major Name | HEGIS Code | Credentials |
|-----------------------------|------------|-------------|
| Criminal Justice Leadership | 2105 | M.P.S. |

Office of the Registrar

The Office of the Registrar serves and supports students and alumni, faculty and their departments, the University as a whole and its constituent colleges. These services include registration, the maintenance of student academic records, grade processing, transcripts, verifications of enrollment and classroom assignments. The Office of the Registrar is responsible for maintaining the accuracy and the integrity of the University's official student academic records.

The Office mails continuing students information about registration in February and October. Registration for continuing students takes place in March/April and in October/November for the coming fall and spring semesters. Continuing students may register for summer classes when they register for fall classes.

The Office mails student grade reports for the fall and spring semesters on a rolling basis, i.e., each student's grades are mailed when all grades for that student are posted. Summer grade reports are mailed at one time at the end of all summer sessions. Grades are also available from the University's Web site at <http://www.stjohns.edu/pls2>. To access grades, students must first enter their University ID number ("x" number) and then their Personal Identification Number (PIN). PINs are initially set to one's date of birth represented as a six-digit number. The date July 4, 1976 would be entered 070476. Students are encouraged to change their PINs to a six-digit number of their own design at their first opportunity. PINs may be changed via the Web.

Because the University is continually expanding the services and information it makes available via the Web, students should refer to the University Web site on a regular basis. The University homepage may be found at <http://www.stjohns.edu/>.

On the Queens campus, the Office of the Registrar is located in Room 106, Newman Hall. At Staten Island, the office is in Room 200, Flynn Hall; at our Manhattan campus, the office of Enrollment Services is on the first floor. Hours of operation are:

Monday: 8:30 a.m.–7 p.m.
 Tuesday–Thursday: 8:30 a.m.–4:30 p.m.
 Friday: 8:30 a.m.–3 p.m.

(The Manhattan campus office closes at 4:30 p.m. on Mondays.)

Advisement

All students must complete a specific registration form with courses that have been pre-approved by an advisor. Since advisement policies vary among the individual schools, students should consult with their respective Dean's office to ensure that proper procedures are followed.

All matriculated students are assigned an advisor upon admission to any graduate program. Students are responsible for planning their programs in consultation with their official Advisors and for registering for coursework or maintaining matriculation each semester until the degree is awarded.

New and continuing students need to report to their respective Dean's office to obtain a registration permit, which must be signed by an advisor.

In order to be officially admitted to a course, students need to show a class schedule receipt to the instructor. Class schedule receipts also must be shown for any laboratories or workshops associated with the course. Any changes in a student's program must be completed before the end of the registration period by filing the appropriately approved Change of Program form.

Under no circumstances—even if a student has been unofficially attending a class—will a student be permitted to enroll in a course after the late registration period has ended. A class schedule receipt represents enrollment in a course. If a student wishes to withdraw from a course, the appropriate Change of Program form must be approved by the appropriate academic Dean and filed in the Office of the Registrar. Unless a student officially withdraws from a course by filing a Change of Program form by the deadline specified in the Academic Calendar, a final grade of "F" will be recorded on the permanent record.

Since advisement policies vary among the individual schools, students should consult their Dean's office to ensure that proper procedures are followed.

Registration

Once advised, students may register according to the schedule published by the Registrar. The Registrar mails students a notice informing them of the dates of registration. This schedule and other information is available on the University's Web site. The Web offerings are updated daily and should be consulted regularly for additions, cancellations and changes.

Matriculated students are assigned an advisor upon admission. Students are responsible for planning their programs in consultation with their advisors or Dean, and for registering for approved coursework or maintenance of matriculation each semester until the degree is awarded. While registration reserves a seat in class, registration by itself does not guarantee that any class is acceptable toward a student's degree program. Students who register for

classes without their advisors' approval put themselves at financial and academic risk.

Students may register via the Web by visiting www.stjohns.edu/pls2. As with accessing grades, registration requires students to enter their University ID and their PIN. (Your ID is your "X" number as it appears on your acceptance letter.) Registration also requires students to enter their Priority Registration Number, which they obtain from their academic advisors.

Bills are mailed on a rolling basis. Registration is not complete until students have satisfied their financial liability with the Office of the Bursar. The University reserves the right to cancel the registration of a student who has not satisfied this responsibility by the announced due date.

Students who wish to withdraw from one or more classes must see their Dean for approval. This approval should then be brought to the Office of the Registrar for processing. Financial liability for classes is set by the official date of withdrawal. Students who stop attending without officially withdrawing will be held fully responsible financially and academically.

Transcripts and Verifications

Students and alumni may request transcripts and verifications of enrollment in person or by mail.

Once a request has been received, most transcripts are in the mail within three business days. Verifications of Enrollment, whenever possible, are provided when requested. There is no charge for transcripts or for verifications.

When requesting a transcript or verification by mail, be sure to include the following information: your full name and any other name used while at St. John's, your social security number, your dates of attendance, the division of the University you attended, degrees received, your address and telephone number, the reason for your request and the complete address to which you want the document sent. Be sure to sign your request; your signature is needed as authorization for releasing information about you.

Send your request to one of the following addresses:

ATTN: Transcript Desk
Queens campus
Office of the Registrar
St. John's University
8000 Utopia Parkway
Queens, NY 11439

ATTN: Transcript Desk
Staten Island campus
Office of the Registrar
St. John's University
300 Howard Avenue
Staten Island, NY 10301

ATTN: Transcript Desk
Manhattan campus
Office of Enrollment Services
St. John's University
101 Murray Street
New York, NY 10007

Students may view their entire academic record from the University's Web site. This record may be printed and, while it does not show one's name, may be used as an unofficial document pending receipt of an official transcript or verification. The url for this service is: <http://www.stjohns.edu/pls2>.

Veterans and their Dependents

It is recommended that all veterans desiring to use their educational benefits for graduate work contact either the Veterans Administration, the Veterans Desk at the Queens campus (Newman Hall, Room 106) or the Veterans Desk at the Staten Island campus (Flynn Hall, Room 200).

The Veterans Desk staff on campus will process the Application for Educational Assistance and Enrollment Certification and advise the student of procedures to follow in order to obtain benefits.

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

Eligible veterans may enroll in the ROTC Advanced Course and earn a commission as an Army Second Lieutenant. See Army ROTC in this bulletin.

Graduation

Conferral of Degrees

Graduate degrees are conferred by the Board of Trustees three times a year, in May, September and January.

"Conferral" means that the Registrar posts a notation of the award of a degree in our academic record-keeping system and this notation appears on a transcript.

All prospective candidates must file an application for their degrees in the Office of the Registrar at the beginning of the semester in which they expect to complete requirements for the degree, but no later than the date indicated in the Academic Calendar.

Only those individuals who complete all the degree requirements by the end of the spring semester will be eligible to participate in the spring commencement exercises.

For details regarding Rome commencement exercises, please contact the appropriate Dean's office.

Commencement

The University holds one commencement ceremony a year, in May. Students whose degrees are conferred in September or January are invited to attend the May commencement ceremony. The Office of University Events informs candidates for degrees of the commencement ceremony to which they are invited. Commencement for the Rome campus is held in July.

Diplomas

Diploma applications must be completed at the beginning of the semester in which the degree is to be conferred. Applications are available in the Office of the Registrar. Students who want a name on their diploma that does not appear in our records must submit a change of name form with proof of their new name. Proof may be provided by court papers, marriage license, divorce papers and like documents. When providing proof of a name change, it is not necessary to submit portions of documentation that contain confidential or sensitive information; it is only necessary to submit that portion that attests to the name change.

Replacement Diplomas

If an original diploma is lost, stolen or destroyed, we will replace it. To order a replacement diploma, write to us for a replacement diploma application. Send your request to one of these addresses:

ATTN: Diploma Desk
Queens campus
Office of the Registrar
St. John's University
8000 Utopia Parkway
Queens, New York 11439

ATTN: Diploma Desk
Staten Island campus
Office of the Registrar
St. John's University
Grymes Hill
300 Howard Avenue
Staten Island, New York 10301

ATTN: Diploma Desk
Manhattan campus
St. John's University
Office of Enrollment Services
101 Murray Street
New York, NY 10007

Return your application to the same address with a notarized statement explaining what happened to your original diploma if it was lost or stolen. If the original was damaged, return it with your application. Your application must be accompanied by copies of two proofs of identity, at least one of which contains a photo. Examples of acceptable proof include a passport, driver's license, social security card and employment ID. There is a \$50 fee for a replacement diploma.

Full-Time Study in Graduate Programs

Full-time study shall mean enrollment for at least 12 credits a semester or the equivalent. This includes independent or individualized study, practice teaching, graduate assistantships, thesis or dissertation research and preparation for language or qualifying examination. Non-credit or prerequisite courses may be considered as contributing toward full-or part-time study on an equivalent basis. Such equivalence is determined through the program or school in which the student is enrolled and must be approved prior to registration. A student carrying a full-time program that includes non-credit prerequisite courses will carry at least six credit hours each semester with the exception of the first semester, in which a student need carry only three credit hours. A combination of such credit and prerequisite work shall equal the minimum student effort requirement for full-time study. Courses taken entirely on a personal or voluntary basis, or solely to meet teacher certification, licensing or other external requirements, not recommended or required by the

school, shall not contribute to full- or part-time study.

Students will not be permitted to register for more than 12 hours of graduate study in any semester. However, under unusual circumstances and with appropriate approval, students will be permitted to register for up to 15 hours. [All students holding F-1 or J-1 visas must be enrolled in a full-time program (12 credits or the equivalent).]

Time Limit

Students who are unable to devote their full time to graduate study may extend the time for obtaining the master's degree or professional diploma beyond the normal span of two years. All coursework, research tool, residence and examination requirements must be satisfied within five years. No degree credit will be allowed for courses completed more than five years before the granting of the degree or diploma.

Students working for the doctorate must complete all requirements for the degree within seven years (eight years for The School of Education). No degree credit will be allowed for courses completed more than seven years prior to the granting of the degree.

Examinations

If a student is not present for the regular final examination, a make-up examination may be permitted by the appropriate Dean. Permission may be granted in the case of students whose academic work is acceptable and only when the reason for absence from the scheduled examination is of a sufficiently serious nature, i.e., an emergency situation which absolutely precluded attendance and can be documented to the Dean's satisfaction. The deferred examination may be taken only on the date published in the Academic Calendar and the student is subject to a make-up examination fee in each case.

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 and the Dean of the school in which the course is offered. 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 the course with quality points given for each grade:

| Grade | Quality Points |
|-------|-------------------------|
| A | Excellent 4 |
| A- | Excellent 3.7 |
| B+ | Very Good 3.3 |
| B | Good 3 |
| B- | Good 2.7 |
| C+ | Fair 2.3 |
| C | Passing 2 |
| F | Failure 0 |
| INC | Incomplete 0 |
| ABF | Absent/Failure 0 |
| WD | Withdrawal 0 |
| P | Passing 0 |
| AU | Audit 0 |
| UW | Unofficial Withdrawal 0 |

Credit for courses is given in semester hours. The quality points for a course are obtained by multiplying the points corresponding to the grade given for the course by the number of semester hours of credit attached to the course. The total quality points for all courses divided by the total credits attempted give students their quality point index.

Besides term examinations, courses which carry three semester credits but which meet for only two hours a week require the submission of a research paper or some equivalent research project before credit may be given.

An "INC," i.e., incomplete grade, may be given if the student fails to submit a research paper on some equivalent research project. Students receiving an "INC" grade must submit all required materials no later than the deadline indicated in the Academic Calendar in this bulletin. If the "INC" is not removed within this time period, it remains "INC" on the permanent record, and the student who requires the credit for this course must repeat it. *The student must request a grade of incomplete from the professor before the end of the semester.*

Audit: Graduate students may audit courses with permission of their Dean. 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 records.

A student will be given the grade of "WD" if he withdraws from a course, with the permission of the appropriate Dean, any time up to the date indicated in the Academic Calendar.

Academic Standing

Students in the master's and professional diploma programs must maintain a 3.0 quality point average to continue in graduate work. Students who fail to maintain this average, either in a particular semester or in their overall academic record, are subject to having their academic program terminated.

Students in the master's programs of the College of Pharmacy and Allied Health Professions will automatically become subject to review by the appropriate college committee and Dean. Students are subject to academic dismissal as a result of such review.

Students in doctoral programs are required to receive at least a "B" grade in all courses. Grades of "B-" will not count as a "B" where required for doctoral courses. When a student receives a grade of less than a "B," his or her program will automatically become subject to review by the appropriate department, interdepartmental graduate committee and the Office of the Dean.

Residence

Residence requirements assure adequate contact between the University and the graduate student while providing necessary association with scholars in the student's area of specialization.

With the exception of the Master of Arts program in Speech-Language Pathology and Audiology offered by St. John's College of Liberal Arts and Sciences, the master's and professional diploma programs offered by The School of Education, and the Master of Business Administration offered by The Peter J. Tobin College of Business, all master's degree students must successfully complete 12 semester hours of academic credit during two consecutive academic semesters. For regulations on satisfying the residence requirement of a particular master's or doctoral program, each student should consult the appropriate college/school and department/division section in this bulletin.

Continuous Enrollment— Maintaining Matriculation

Master's Degree and Professional Diploma

Continuous enrollment for matriculation until the degree is awarded is obligatory for students enrolled in degree programs. Those who are not enrolled in coursework must maintain their active status each semester by enrolling in Maintaining Matriculation at the scheduled registration periods. Students who have not satisfied the continuous enrollment requirement for two or more semesters must

- 1) apply for re-admission,
- 2) meet the requirement in effect at that time,

- 3) be re-admitted,
- 4) pay appropriate maintaining matriculation fees for two semesters. In order to register for the proper Maintaining Matriculation course, students should consult their departmental/divisional course offerings.

Comprehensive Examination

Most degrees require the satisfactory completion of a comprehensive examination. This examination must be taken within a year after the satisfaction of all courses, language and residence requirements.

Students in The Peter J. Tobin College of Business and the College of Pharmacy and Allied Health Professions should consult with the appropriate Dean's office for complete details and requirements regarding the comprehensive exam.

This examination may be oral or written or both, according to the regulations of a particular department/division. The matter for this examination is not limited to the courses taken by the student, but may cover general concepts as well as the whole area of the candidate's field of study. The comprehensive examinations may be held in the fall, spring or summer according to departmental/divisional regulations as noted in the Academic Calendar.

Applications for these examinations should be made in the office of the appropriate Dean no later than the dates assigned in the calendar. Late fees may apply. The individual examiners report the results of this examination in writing to the Dean, who communicates them to the individual candidates. In case of failure, one re-examination may be permitted upon the recommendation of the departmental/divisional Chair and the Dean.

Doctoral Degree

Before sitting for the comprehensive examination, students must be registered in coursework or be enrolled in the appropriate Maintaining Matriculation course. In order to register for the proper Maintaining Matriculation course, students should consult their departmental course offerings. After successful completion of the comprehensive examination, students must enroll in the appropriate three-credit Doctoral Research course each semester until the degree is awarded. In order to register for the proper course, students should consult their departmental/divisional course offerings.

Students who have not satisfied the continuous enrollment requirement for two or more semesters must

- 1) apply for re-admission,
- 2) meet the requirements in effect at that time,
- 3) be re-admitted,
- 4) pay the appropriate fees for two semesters.

Research Review Board

All research carried out by students, faculty or affiliates of St. John's University involving human subjects must be approved by the Institutional Review Board for use of Human Subjects (IRB).

All research involving animals must be approved by the Institutional Animal Care and Use Committee (IACUC). This requirement includes any thesis, dissertation, research project or research essay. Such approvals must be secured before research is begun, *must be renewed each year and expires upon completion of degree.*

**Guidelines and application forms for both IRB and IACUC review are available on-line at:
www.sju.stjohns.edu/grants/research.html.*

Master's Thesis

A department or division may require a thesis for the master's degree. Students should consult the appropriate department to ascertain if this is required or optional.

The master's thesis should offer evidence of sound research and an adequate treatment of a well-defined subject. A mere essay or compilation of facts will not be accepted. The thesis must be written on a subject comprehended under the major and approved by the mentor and the departmental committee.

The responsibility for a well-organized presentation of personal research rests with the student and is in no sense a part of the instructional responsibility of faculty members.

Before beginning the writing of the thesis, the student should consult with the Chair of the department and become familiar with the style sheet utilized by the department. The completed thesis should be submitted to the readers no later than the date indicated in the Academic Calendar, normally three calendar months before the end of the semester.

An original and one copy of every approved thesis for the master's degree must be submitted to the Dean. These will be bound and will become the property of the University Library. They must be printed on 20-pound, acid-free, non-corrasable bond paper with a minimum 25% rag or cotton content.

Theses must be submitted to the Dean in accordance with the date indicated in the Academic Calendar.

Doctoral Dissertation

The responsibility for a well-organized presentation of personal research (as well as the details involved) rests entirely with the student and is not part of the instructional responsibility of faculty members.

Since the doctoral dissertation research essay must present evidence of a substantial contribution to existing knowledge as a result of personal research, it is considered a criterion of the student's scholarly attainment and will

largely determine his/her final success in reference to the degree.

The title of the dissertation, along with the names of the mentor and members of the research committee, must be submitted to the department and then the Dean for approval. When the student's mentor has approved the completed dissertation, the reader's copies, typewritten according to the approved format, must be submitted approximately four calendar months before the end of the semester. The format to be used is specified by the appropriate department or school.

In establishing a doctoral dissertation/research essay committee, preparing a dissertation proposal and submitting and defending the dissertation, the following guidelines apply:

1. Students have the responsibility for requesting a mentor from the doctoral core faculty.
2. The student and mentor work together to choose a committee adhering to the following procedures and guidelines:
 - a. The committee shall consist of the mentor and at least two other members.
 - b. The two members plus the mentor shall come from the department/division.
 - c. One additional member of the committee may come from outside St. John's University.
 - d. The departmental/divisional Chair, Dean and mentor must unanimously approve any outside member.
 - e. Final approval of the committee composition rests with the Dean.
3. The dissertation proposal must be approved by the committee and then forwarded to the departmental Chair for his/her recommendations and then to the appropriate Dean for his/her approval.
4. There shall be an interim oral presentation of the dissertation in progress made before the doctoral committee which shall be scheduled by the mentor.
5. A manuscript based upon the dissertation and properly prepared for submission to a refereed journal must be submitted to the mentor prior to the scheduling of the oral defense.
6. The oral defense shall be open to the University community.
7. The mentor acts as the Chair of the oral defense, unless otherwise determined by the Department GEPC or its equivalent. The Chair of the oral defense shall be responsible for conducting the defense according to parliamentary procedure.

Students must consult their respective Dean's office, as well as the Directors or Chairs of their doctoral programs, for the specific guidelines, timelines and stylistic formats which apply to the dissertation within their discipline.

After the completed dissertation has been formally accepted, the candidate must defend

the dissertation in a final oral examination before the faculty and the doctoral committee. The final copies (i.e., an original and two copies) of the completed dissertation must be submitted to the Dean for approval in accordance with the Academic Calendar. All dissertations must conform fully to current style guidelines appropriate to the discipline.

Each copy shall have a title page, bearing the subject, the author's name, the mentor's name, the date of presentation and the statement: *"Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy (or Doctor of Education or Doctor of Arts) to the faculty of the department (or division) of (Psychology, Administrative and Instructional Leadership, Pharmaceutical Sciences, etc.) at St. John's University, New York."*

Dissertations that are accepted for publication by commercial publishing houses should indicate that they were originally submitted as a doctoral degree requirement at St. John's University.

On another page shall be listed the student's vitae, giving the institutions at which undergraduate and graduate work was done, the degrees received and the dates.

The original and one copy of the dissertation will then be sent to the Serials Department, University Library. The library retains one paper copy of each doctoral dissertation and two paper copies of each master's thesis. The paper for all library copies must be of high quality—20 lb., acid-free, non-corrasable bond paper with a minimum of 25% rag or cotton content. The paper must have a good opacity, that is, print on one page should not easily show through the page in front of it. The margins for all copies must be one and one-half inches on the left side of each page and one inch on each of the other three sides. Note that these margins must also be left on pages containing graphs, illustrations, appendices, etc. Print on all copies must be dark and even. Word processed copies must be of letter quality.

The original abstract of each dissertation (not more than 350 words) and two copies thereof must accompany the dissertation. The original dissertation and abstract will be sent to University Microfilms, Inc. (UMI) for microfilming. The paper original and microfilm are returned to the library, while the abstract remains at UMI.

The microfilm will be kept permanently at the library. The original with the abstract, as well as the copy and its abstract, will be bound and returned to the library. The original will remain at Circulation/Reserve and the second bound copy will be sent to the appropriate graduate school.

A fee, per bound copy, will be assessed each candidate for this binding service. Each candidate for the doctoral degree is required to fill out a special contract (obtainable in the Dean's office) for "University Microfilms, Inc."

Graduate Financial Aid Forms

St. John's University awards most of its financial assistance to graduate students based on academic ability and financial need, as assessed by means of the federally approved needs analysis known as the Federal Methodology. The Federal Methodology needs analysis assists colleges, universities and other agencies in determining a student's need for financial assistance.

Entering graduate students seeking financial assistance from any federal or institutional source of funding (including student loans) are required to submit a copy of the Free Application for Federal Student Aid (FAFSA) to the Federal Processing Center designating St. John's University, federal institution code number 002823, as one of the recipients. When the FAFSA is processed, the student receives a federal Student Aid Report (SAR). The FAFSA form may be obtained from the Office of Financial Aid at either the Queens or Staten Island campus of the University. You may also complete your application online at www.fafsa.edu.gov.

Full-time graduate students who are New York State residents may also apply for the Tuition Assistance Program (TAP) by means of the TAP Electronic Application. New York State residents who complete the FAFSA are automatically considered for TAP.

Assistantships and Fellowships

Assistantships and fellowships in the humanities, sciences, education, business administration and pharmacy are awarded annually to academically qualified graduate students. Appointees carry a program of graduate study commensurate with their fellowship and assistantship schedules, and are not permitted to accept employment or other appointments either inside or outside the University during the period of their contract. Assistantships and fellowships provide remission of tuition; for some types fees are also covered and/or a stipend is available (see following information). These assistantships and fellowships are contracted on a yearly basis.

Information about graduate assistantships and application forms are available from the Office of Admission. Information about fellowships is available from the office of the academic Dean of the appropriate graduate unit. All credentials for assistantships and fellowships should be submitted no later than April 1, unless otherwise noted.

Graduate Assistantships and Doctoral Fellowships

Assistantships and fellowships are awarded on a yearly basis to qualified graduate students. These awards are based on academic achievement. A stipend plus full-tuition remission for up to 12–15 credits a semester is awarded (dependent upon program); a recipient must not be employed elsewhere. Further information about availability may be obtained from the Dean of the graduate program in which the student is interested.

The number of credits may vary slightly for Graduate Division of Arts and Sciences students who have reached a particular level in certain programs.

Research Fellowships

Research fellowships are available in various departments. These fellowships are made available through grants from governmental agencies and various industrial concerns. Further information is available by contacting the appropriate Deans.

Currently, fellowships for doctoral study in biology are available to qualified students through the Grants in Academic Areas of National Need (GAANN) Program; contact the Director of Graduate Programs in Biology for information. The Initiative to Maximize Student Diversity Program provides fellowships for graduate study, in a variety of master's and doctoral programs, to students from traditionally underrepresented groups. Contact the program coordinator, Wanda Rowe Johnson, for details: (718) 990-1671 (All are welcome to apply.)

Doctoral Fellowships

Also, a limited number of University doctoral fellowships are available for programs leading to the Doctor of Philosophy degree (biology, clinical psychology, pharmaceutical sciences), Doctor of Arts degree (english, history) and the Doctor of Education degree (educational administration and supervision, instructional leadership). These fellowships are academic honors which are offered only to highly qualified students. They provide a stipend besides defraying tuition and fees. A fellowship holder has no additional duties beyond graduate studies. The term of each award is one calendar year and ordinarily may not be renewed. Upon termination of their awards, Doctoral Fellows are eligible to apply for other forms of financial aid. Further information is available from the appropriate academic Dean's office.

University Doctor of Arts Fellowships

A limited number of University Doctor of Arts Fellowships in English and history are available. The amount of this fellowship award is total remission of tuition and fees for up to two graduate courses in each semester of the academic year. Stipends are not awarded to the Doctor of Arts Fellowship recipients. The sole criterion for selection of these awards is academic merit. Students may be considered for fellowship renewal. These fellowships do not require full-time graduate study. Further information is available from the Dean of the Graduate Division of St. John's College of Liberal Arts and Sciences or from the department Chair.

Clare Boothe Luce Doctoral Fellowships in Biology

Clare Boothe Luce Fellowships are academic honors offered each year to a limited number of superior women doctoral applicants in biology. A legacy of the estate of Clare Boothe Luce, the Luce Fellowships were established at a few selected institutions in order to encourage women to study and subsequently pursue academic careers in science, mathematics and engineering. These fellowships provide a stipend, a dependency allowance and tuition waivers for up to 30 credits per academic year. Appointments are for an initial two-year period, with possibility of renewal for a third year. Recipients of Clare Boothe Luce Fellowships have no additional duties beyond their graduate studies and may not accept employment either inside or outside of the University while they hold fellowships. Eligibility for these awards is limited to women who are U.S. citizens. Further information is available from the Dean of the Graduate Division of the St. John's College of Liberal Arts and Sciences.

Scholarships

Scholarship awards are made primarily on the basis of scholastic achievement and need. They are generally given to full-time students for a period of one year. Their annual renewal, contingent on satisfactory work, is at the discretion of the University Committee on Scholarships. Application for scholarships should be made to the academic Dean's office unless otherwise indicated. All credentials for scholarships should be submitted no later than April 1 unless otherwise stated.

Scholarships cover full tuition (but not fees) unless otherwise noted as partial awards in the following descriptions.

The St. John's College of Liberal Arts and Sciences M.A./J.D. Research Scholarships

These research scholarships are awarded to qualified students in the M.A./J.D. program offered by the St. John's College of Liberal Arts and Sciences and the School of Law. The terms of the scholarship provide the recipient with tuition remission for those courses offered through the Department of Government and Politics. Tuition waivers are not given for any course offered by the School of Law. The scholarship recipient is obligated to engage in research work for eight to 12 hours per week as assigned by the Chair of the Department of Government and Politics. All fees must be paid by the recipient. For a scholarship application and for further information, students should contact the Dean, Graduate Division of the St. John's College of Liberal Arts and Sciences.

Graduate Arts and Sciences Doctoral Scholarships

St. John's University provides a limited number of scholarships especially for qualified doctoral students from backgrounds traditionally under-represented in higher education. Scholarship candidates must be matriculated students in a doctoral program in either biology, clinical psychology or school psychology. A scholarship recipient has no additional duties beyond his/her graduate studies. The scholarship provides remission of tuition for up to 24 credits for one academic year (12 credits per semester). While the scholarship is not renewable, the recipient may be eligible for other forms of financial assistance upon completion of the academic year. For additional information, contact the Office of the Dean, Graduate Division of the St. John's College of Liberal Arts and Sciences.

The School of Education Scholarships

St. John's University awards two tuition-free scholarships for the master's degree to graduates of Catholic colleges or universities who have expressed a determination to enter the teaching profession. Students interested in these scholarships are referred to the Office of the Dean, The School of Education.

Special Graduate Scholarship Program for Public Employees

Each semester St. John's University awards a limited number of graduate scholarships to students who are Public Management employees pursuing a master's degree in the Graduate Division of Liberal Arts and Sciences, Department of Government and Politics. Applicants may inquire through the Department of Government and Politics.

The Gerald E. Fitzgerald Memorial Scholarship

This scholarship was established in memory of Dr. Gerald E. Fitzgerald, a professor at St. John's for 17 years and former Chairman of the Department of Government and Politics. Recipients are selected by the Theology Department and the Dean of the Graduate Division of the College of Liberal Arts and Sciences. Students should contact the Theology Department for further information.

The Richard Kugelman Scholarship

St. John's University's Theology Department awards one scholarship for the study of theology, especially sacred scripture, in the Graduate Division of the College of Liberal Arts and Sciences. The award is made to a qualified financially needy graduate student to honor the late Rev. Richard Kugelman, C.P., former Chair of the Theology Department and prominent biblical scholar. Interested students are referred to the Chair of the Theology Department.

The Chin-Ying Scholarships for Graduate Asian Studies

Established in 2005, two scholarships will be awarded annually to two graduate students, preferably of Chinese descent, pursuing a master's degree in East Asian or Chinese Studies. These scholarships are provided by Prof. and Mrs. Chin Ling Wang. Prof. Wang had been a dedicated faculty member of St. John's for nearly thirty years until his retirement. Qualified applicants must possess a minimum average of a B+ or a 3.0 cumulative index. Recipients are selected with the recommendation of the Institute for Asian Studies as scholastic basis for the Office of Financial Aid to make decisions.

The Blaise J. Opulente Scholarship

This scholarship was established to honor the memory of Dr. Blaise J. Opulente, a dedicated professor who, after long service as a faculty member of St. John's, was appointed the first chief lay administrator of St. John's University. Its purpose is to provide one or more partial scholarships to a student enrolled in a master's program in the Graduate Division of Arts and Sciences. Recipients are selected by the Office of Financial Aid in association with the Dean of the Graduate Division of Liberal Arts and Sciences, on the basis of financial need and scholastic achievement.

The Dr. and Madame H. K'ung Memorial Scholarship

This scholarship program, established in 1978, provides partial scholarships to students pursuing graduate study in Asian Studies. New applicants must possess at least a "B+" cumulative index. Awards are renewable provided the recipient maintains a 3.0 cumulative index. Selection is made by the Office of Financial Aid

in consultation with the Institute of Asian Studies within the Graduate Division of the College of Liberal Arts and Sciences.

The Loretta and Frank Kunkel Scholarship

St. John's University's English Department awards one scholarship for the study of English Literature in the Graduate Division of the College of Liberal Arts and Sciences. The award is made to a qualified financially eligible graduate student to honor Dr. Frank Kunkel, professor emeritus of English, and his late wife, Loretta. Interested students are referred to the Chair of the English Department.

The Ta-ling and Han-li Lee Award

This grant program was founded to assist academically excellent students in the Master of Arts degree program in East Asian Studies. Worthy candidates must intend to pursue graduate studies beyond the master's degree and to pursue a career in secondary, or university-level teaching in the East Asian Studies field. One or more partial annual grants will be made based on academic excellence with particular emphasis on East Asian historical scholarship, financial need and the recommendation of the Director of the Institute of Asian Studies within the Graduate Division of the College of Liberal Arts and Sciences.

The St. John's University-New York City Mayor's Scholarship

In conjunction with the Mayor's Graduate Scholarship Program, St. John's University offers partial tuition scholarships to full-time employees of city government who have graduated or are about to graduate from an accredited undergraduate institution of higher education. Opportunities are afforded for half-time, three-quarter-time or full-time graduate study toward the M.B.A. degree at St. John's University. Applications are available at the office of the applicant's agency Personnel Director.

The Gabriela Mistral Scholarship/Beca Gabriela Mistral

This scholarship is granted once a year to graduate students enrolled in the Master of Arts Program in Spanish at St. John's University and at the Universidad de Chile, Santiago, Chile. The scholarship entails the granting of complete tuition remission for one semester to one student selected from each of the two institutions. The student selected from St. John's University thus spends a semester free of tuition and student fees at the Universidad de Chile. Interested students should contact the coordinator of the Graduate Program in Spanish, Department of Languages and Literatures.

Federal Financial Aid

A recipient of any type of federal financial aid must make appropriate satisfactory academic progress in order to continue to be eligible to receive federal financial aid. Students failing to make satisfactory academic progress lose eligibility for federal aid. Consult the Office of Financial Aid for details regarding the University's satisfactory academic progress requirements for federal aid recipients.

Federal Family Education Loan Programs

Federal Stafford Loans

The New York State Higher Education Services Corporation administers the Federal Stafford Loan program for full-time and part-time students who are legal residents of New York State and/or other state residents attending colleges in New York. Federal Stafford Loans in

New York State operate under the jurisdiction of the Federal Stafford Program, as do identical Federal Stafford Loan Programs in other states. Other states' programs are governed by the same federal regulations and requirements as described herewith, although they are handled by agencies in the particular states.

This is a program of low-interest, long-term federal student loans. These loans are negotiated through commercial or savings banks, known as lending institutions, and in New York State have the guarantee of the New York State Higher Education Services Corporation.

Under the Federal Stafford Loan Program, students already in attendance or those accepted for admission may file for a loan and borrow as much as \$8,500 annually.

The total undergraduate and graduate subsidized loan indebtedness limit is \$65,500. The interest rate on Federal Stafford loans is currently a variable rate which changes each year as of July 1.

Federal Stafford Loans are now available on either a subsidized or unsubsidized basis. Subsidized Federal Stafford Loans are based on financial need as assessed by means of the FAFSA, and they provide the student with a federal interest subsidy. The federal interest subsidy enables the student to have the federal government pay the interest on his/her loan during the in-school period and the grace period. Interest doesn't begin to be charged to the student until loan repayment is initiated.

Unsubsidized Federal Stafford Loans are not based on financial need, but federal regulations do require that a student be considered for a need-based subsidized Federal Stafford loan first, prior to the processing of an unsubsidized Federal Stafford Loan Application by the school. When a student's Federal Stafford Loan is unsubsidized, he/she is responsible for the interest charged during the in-school and grace period. The interest on an unsubsidized Federal Stafford Loan may be paid by the student while in school OR may be deferred and capitalized and added on to the loan principal to be repaid when loan repayment of principal plus interest is initiated.

All candidates for Federal Stafford Loans, whether subsidized or unsubsidized, must have the FAFSA on file at the school before any type of Federal Stafford Loan eligibility may be determined. Based on the student's level of financial need and the amount he/she want to borrow, it is possible for a student to receive a Federal Stafford Loan that is totally subsidized, partially subsidized and partially unsubsidized, or totally unsubsidized.

The grace period before Federal Stafford Loan repayment begins is six months. As already indicated, to apply for a Federal Stafford Student Loan, a student must submit a FAFSA form prior to applying for the student loan. The FAFSA form must be filed with the Federal Aid Processor.

Once the FAFSA report has been received by the Office of Financial Aid, it will inform the student of their student eligibility.

New York State Aid Satisfactory Academic Progress Requirements

Full-Time Graduate Students (excluding the School of Law): Before being certified for a TAP payment, a student must have accrued the specified number of credits, with at least the listed grade point average.

| Before being certified for this payment | First Semester | Second Semester | Third Semester | Fourth Semester | Fifth Semester |
|--|----------------|------------------|-----------------|-----------------|----------------|
| A student must have accrued at least this many credits | 0 | 6 | 12 | 21 | 30 |
| With at least this grade point average | 0 | 2.25 | 2.5 | 2.75 | 3.0 |
| Before being certified for this payment | Sixth Semester | Seventh Semester | Eighth Semester | Ninth Semester | Tenth Semester |
| A student must have accrued at least this many credits | 45 | 60 | 75 | NONE | NONE |
| With at least this grade point average | 3.0 | 3.0 | 3.0 | NONE | NONE |

Measurable satisfactory academic progress for a graduate student:

1. The student must complete 70% of credits attempted by 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 2.0. (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. Law/graduate academic scholarship terms are monitored by the individual schools. The user must contact their academic Dean regarding scholarship terms.

Additional Unsubsidized Federal Stafford Loans

Graduate students may borrow up to an additional \$10,000 per year in the unsubsidized Federal Stafford Loan Program. The total graduate plus undergraduate additional Unsubsidized Federal Stafford Loan indebtedness may not exceed \$73,000. The annual interest rate is the same as the conventional Federal Stafford variable rate and it has the same six month grace period on principal only as the Unsubsidized Federal Stafford Loan. Interest may be paid while in school or accrued and capitalized.

Additional Unsubsidized Federal Stafford Loans are applied for by means of the same application form as the regular Subsidized and Unsubsidized Federal Stafford Loans. Also, all applicants for the additional Unsubsidized Federal Stafford Loan funds must have a FAFSA form on file at St. John's, since federal regulations require that all borrowers first be considered for the conventional Federal Stafford loans.

New York State Financial Aid

Tuition Assistance Program (TAP)

The program provides grants varying from \$75 to \$550 a year, depending upon the family New York State net taxable income. The awards are made to New York State residents who enroll in a full-time degree program.

All students applying for state financial assistance, such as the TAP, must meet the minimum standards for satisfactory academic progress and program pursuit as listed on the previous page in order to comply with section 145-2.2 of the New York State Education Department's regulations and to continue their eligibility for state financial assistance.

The State Education Department's regulations concerning program pursuit are as follows: a student must achieve a passing or failing grade in the following percentages of a full-time program (which is a minimum of 12 credits a term) in each semester he/she receives TAP in order to continue to be eligible for TAP payments in the subsequent semester. The percentages are: first year of TAP payment—50% of full-time program must be completed; second year of TAP payment—75% of full-time program must be completed; third and fourth years of TAP payment—100% of full-time program must be completed. If the graduate TAP recipient received TAP as an undergraduate, the number of undergraduate TAP payments received determines what level of program pursuit the first-time graduate student must meet. For example, if the graduate recipient already received four or more undergraduate TAP payments, he/she would be at 100% program pursuit level through each semester of graduate study.

Please be advised that these outlined satisfactory progress standards are for the purposes of state aid eligibility; they are not the same as the University's own established standards for satisfactory progress.

Students must meet both the program pursuit requirements and the satisfactory academic progress requirements in each term of TAP payment in order to continue TAP eligibility. Students not complying with the state standards for program pursuit and satisfactory academic progress will have their eligibility re-established only after evidencing ability to successfully complete an approved program.

Regents Professional Opportunity Scholarships

New York State provides this scholarship program on both the undergraduate and graduate levels for certain professional programs of study. The approved graduate programs include Law (J.D.), psychology (Doctorate), social work (Master's) and speech-language and pathology/audiology (Master's). These scholarships require a service commitment after completion of the professional program.

Regents Professional Opportunity Scholarship applicants must plan to study full-time and, to receive top priority for scholarship selection, be both economically disadvantaged and belong to a group that is traditionally under-represented in the field. Scholarship recipients receive \$1,000–\$5,000 a year for up to four years of study, unless enrolled in a program recognized by the NYS Regents as requiring five years to complete. No award shall exceed the cost of attendance.

Further information and scholarship applications may be obtained from: the NYS Education Department, State and Federal Scholarships Unit, Cultural Education Center, Albany, NY 12230.

Student Support Services and Resources

Alumni Relations

www.stjohns.edu/alumni

Queens Campus
Lourdes Hall
(718) 990-6232
1 (800) SJU-ALUM
alumni@stjohns.edu

Staten Island Campus
300 Howard Avenue
(718) 448-2272

Rome Campus
Via di Santa Maria Mediatrice 24
Rome, Italy 00165
+ 39 (06) 393-842

Hours:
Mon.–Thurs., 8:30 a.m.–4:30 p.m.
Fri., 8:30 a.m.–3 p.m.

Currently, over 15 alumni constituent groups (organized by college and other affiliations) and more than 40 regional chapters involve some of the 150,000 alumni of St. John's University. Group, chapter and individual activities are sponsored by the Office of Alumni Relations. With a yearly contribution to the University, alumni, as well as other individuals, receive an Annual Contribution Card. This card offers benefits and discounts plus it keeps the cardholders connected to the University.

Alumni Relations:

- Coordinates social and educational functions throughout the year
- Offers discount 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
- Publishes the tri-annual Alumni Magazine and the Alumni Directory
- Co-sponsors various alumni networking events with the Career Center
- Sponsors the Future Alumni Association (FAA) for current students
- Coordinates over 15 alumni Count on Alumni for Career Help (C.O.A.C.H.) programs including the "Insiders View of the Capital"

Athletics Program

The Department of Intercollegiate Athletics 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 and games. Carnesecca Arena on the Queens campus and the Campus Center Gym on the Staten Island campus are open to students from 7 a.m.–11 p.m. on school days. University facilities include basketball and racquetball courts, an all-purpose exercise room and fitness center, a lighted stadium with a state-of-the-art Fast Track 942 and Field Turf, where men's lacrosse is played, a state-of-the-art Field Turf stadium used for men's and women's soccer, as well as grass baseball and softball fields.

On the Queens campus, the following intramural tournaments and events will be offered: a flag football league (indoor and outdoor) 5-on-5 basketball league, including a women's division; a women's volleyball league; a Co-Ed Volleyball Tournament (possibly outdoor); three-point shooting contest; a free throw shooting contest; a softball league; a softball hitting contest; a spring fun run; and various other runs; table tennis tournament; bowling; judo; karate; ultimate frisbee and wiffleball.

In women's intercollegiate athletics, St. John's competes against other universities in basketball, softball, fencing, tennis, cross country, indoor and outdoor track and field, soccer, volleyball and golf.

Men's intercollegiate athletic teams compete in baseball, basketball, fencing, lacrosse, soccer, tennis and golf.

The University is a member of the National Collegiate Athletic Association (NCAA), Eastern College Athletic Conference (ECAC), the BIG EAST Conference, Intercollegiate Association of Amateur Athletics of America (IC4A), Metropolitan Intercollegiate Track and Field Association (MITFA), Intercollegiate Fencing Association (IFA) and the National Intercollegiate Fencing Association (NIFA).

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 and women's softball and 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.

Campus Ministry

Campus Ministry at St. John's 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 St. John's 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 week-long programs during the semester breaks with sites in Philadelphia, inner city Brooklyn, Harlem and David, Kentucky. This enables students to live and work among the poor with emphasis on prayer, service and community. There are many opportunities to serve the needs of people in the metropolitan area on a weekly basis at 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 a 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.

Career Center

The Career Center, located in the University Center, Room 24, Queens campus, and Lavelle Hall, Room 106, Staten Island campus, is the central career information and employment office for students and alumni. The primary purpose of the Center 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.

Career Center Web site

The Career Center's comprehensive Web site offers students and alumni up-to-date information on special events, career planning, resume writing, interviewing, the job search and more.

MonsterTRAK

Register with the Career Center through MonsterTRAK an online service providing access to information about career development programs, campus recruiting, full-time/part-time jobs, internship listings and more.

Career Resource Library

Career development and employment information is available to students and alumni. The library includes employer directories, career literature and annual reports.

Education Credential Folders

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

Full-Time Employment Opportunities

The Center provides full-time job listings and referrals to students and alumni that are currently seeking employment.

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.

Job Search Workshops

Students learn how to develop job search strategies to help them in the competitive marketplace.

COACH Program

Count On Alumni for Career Help. This program allows you to connect with alumni by searching an online database through MonsterTRAK. Register through the Center Web site to develop networking contacts and gain valuable information about careers.

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.

Campus Interview Program

Employer representatives from every field are invited to interview graduating students for professional positions.

Part-Time Employment Opportunities

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

Dining Etiquette

These informative seminars, offered several evenings each year, help prepare you for interviews or meetings conducted during a meal. Topics include the proper use of utensils, how to eat certain food and appropriate dinner conversation.

Communications Facilities

Courses in the area of Communication Arts are supported by the Television, Film and Radio Center, located on the fourth floor of Marillac Hall, Queens Campus. Courses are also available on the Staten Island campus.

The Television, Film and Radio Center is a broadcast quality production and post-production facility which can accommodate both in-studio and on-location productions. The T.V. studio features three hi-quality three-chip digital color cameras, a computerized fluorescent lighting system, a 24-channel audio board, digital video effects, electronic character generator with graphics capability, teleprompter and a professional announcing booth for voice-over recordings. The facility can accommodate the recording of talk shows, interview or instructional programs to either Beta SP or DV. Two dedicated, high quality, non-linear video labs are maintained by the center. One is dedicated to video editing, the other to animation graphics.

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 which prepares students for entry into the communications industry.

The radio facilities at the Staten Island campus are used in the production of a wide range of program formats from news to dramatic performances. Production equipment in the radio control booth includes compact discs

and cassette recorders, editing and announcing facilities. Both the Staten Island and Queens campus radio studios have the ability to record and edit digital audio with the latest industry standard, audio hardware and software.

Counseling Centers

The Counseling Centers are staffed by professionally trained personnel. The Queens Center in Marillac Hall Room 130 and the Staten Island Center in Spellman Hall Room B2 are open to the student body of the University. Voluntary, confidential, short-term counseling is available by contacting the center for an appointment. In most cases, appointments can be scheduled within twenty-four hours. Crisis situations are handled immediately. Students at the Manhattan campus may be referred to nearby facilities or use the services of the Queens or Staten Island campus.

The Counseling Centers offer individual and group counseling on personal and educational matters. The centers typically see students who are experiencing academic difficulties and students who want assistance in resolving difficulties concerning family, relationship, substance abuse, disordered eating patterns; in short, any personal issue which interferes with academic achievement. The Centers can also provide psychiatric assessments and referrals as well.

Dining Service Facilities

St. John's Dining Services offer anything from a quick coffee or a sit-down meal if you have more time. With over ten dining locations across all three campuses, there's always somewhere to grab a snack. There are also vending beverage and snack machines located in all of the dining halls.

The St. John's Dining Services also offers a full on-site catering department. The Catering Director can assist you in planning and organizing your event. From casual parties to formal affairs, the catering department offers extensive services including decorating and floral arrangements to help you make your event successful.

St. John's Dining Services department is located in Marillac Hall, Room B-6, (718) 990-6694.

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 from 8:30 a.m. to 4:30 p.m. Monday–Thursday and 8:30 a.m. to 3 p.m. on Friday in the Health Office, (718) 990-6360, on all school days.

On the Staten Island campus, a nurse is available from 8:30 a.m. to 4:30 p.m. Monday–Thursday and 8:30 a.m. to 3 p.m. on Friday, in the Health Office, Room B17, Campus Center, (718) 390-4447.

Students at the Manhattan campus may be referred to nearby facilities or use the services of the Queens or Staten Island campus.

Immunization Requirements

NYS law 2165 requires that all students born on or after January 1, 1957 provide proof of immunity to measles, mumps and rubella disease. Immunization compliance is issued through the Health Office and allows for course registration and class attendance. All new students (freshmen, transfer, undergraduate/graduate, matriculated/non-matriculated, full or part-time) must have on file proof of TWO doses of measles vaccine and ONE dose of mumps and rubella vaccine. Immunizations must have been received AFTER the student's first birthday, and after 1968 unless the immunization record specifies the vaccine was a live virus vaccine.

Failure to provide the completed medical forms 30 days from the beginning of class will result in exclusion from class.

In compliance with NYS law 2167, ALL students attending colleges and universities in New York State are required to be given information relating to immunization against meningococcal meningitis. By law you must respond to this notification within 30 days. Information can be obtained in the Office of Health Services. Failure to complete the required form 30 days from the beginning of class will result in exclusion from class.

Housing: Off-Campus

The Queens campus maintains an Off-Campus Housing Office, located in Donovan Hall. You can contact the Assistant Director for office housing by calling (718) 990-7512. The Staten Island campus maintains a listing of local realtors. 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 they will accept any student registered at the University regardless of race, color or creed. On the Queens campus, information is available in the Office of Residence Life, Donovan Hall–Garden Level, and on the Staten Island campus, in the Student Life Office, Campus Center, Room B-11.

International Student and Residence Scholar Services

The International Student and Scholar Services Office, located on the Queens campus in St. John Hall, Room 116 and on the Manhattan campus, Room 465, 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 at St. John's; New York City and the American culture; counseling for financial, adjustment, personal, legal and other matters; advisement concerning medical insurance, Social Security, taxes, 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.

Language Laboratory

The Queens campus language laboratory, located in room B 48 in the basement of St. Augustine Hall, has an automated tape recording system with playback capability which, together with a central monitoring console, allows students to perfect their language skills while working at their own pace. It also has a VCR system and 39 TV monitors for the individual or group viewing of video tapes on language and culture.

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 at 152-11 Union Turnpike, the center serves the Queens, Long Island and 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 college 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 Programs. 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 non native English/ESL or speakers with regional speech patterns. 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 testing and otoacoustic emission testing.

Stormcard ID Cards

StormCards must be carried at all times on the University premises. Lending a Stormcard to anyone or failure to present it when required by a University faculty or staff member is a violation of the Code of Conduct and subjects the holder to disciplinary action. Loss of a StormCard should be reported to the StormCard Office in the Department of Public Safety, University Center (Queens), or the Office of Public Safety, Spellman Hall, Room 116 (Staten Island) or the Office of Public Safety, Room 465 (Manhattan). There will be a fee for replacement.

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 six microcomputer laboratories, over 130 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.

As a result of major hardware/software upgrades completed recently, we now have many Pentium 4 28+ GHz platforms CDRW/DVD and 1GB of RAM matched by multimedia monitors, Windows XP operating system (OS), the MS Office XP Professional suite as well as many other Windows-based applications. All the computers are connected to the St. John's University computer network, UNIX servers and Windows NT file servers.

Microlab/Classroom Macintosh computing resources consist of primarily G5s, with 512 Megabytes of RAM, and running MAC 10.3 OS. Printing facilities for both platforms consist of shared high-speed black and white as well as HP color laser printers.

Multimedia Classrooms

Of the total 154-multimedia classrooms, 104 are located on the Queens campus, 42 more are at the Staten Island campus and eight are on the Manhattan campus. Each multimedia classroom is equipped with a podium, faculty computer and projection equipment that can be viewed by all the students. Faculty have the option of connecting and projecting the image from their laptop computers in all multimedia classrooms as well. The Oakdale location has two classrooms and multiple mobile equipment carts that can be set up in any classroom. The Rome campus has two classrooms in which computing equipment is available upon request.

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 four multimedia equipped, large capacity facilities (Council Hall, Marillac Auditorium and the two St. Albert Amphitheaters). Additional classrooms will be equipped as multimedia classrooms in the future.

Microcomputer Classrooms

The Queens campus has 10 microcomputer classrooms and Staten Island has five that house both Intel Pentium and Macintosh computers. The Oakdale location has two computer classrooms, the Manhattan campus has two combination computer labs/classrooms with the latest Intel-based hardware and the Rome campus has one. 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 the 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 IBM Thinkpad R60 with a 1.8 Ghz Intel Centrino Processor, 60 GigaByte disk drive, wireless communications and a CD read/write DVD read drive. The laptops run Microsoft Windows XP Professional and Office 2003 Professional and are covered by a four-year warranty supported by repair centers on the Queens and Staten Island campuses.

The new DaSilva Academic Center on the Staten Island campus illustrates how IT facilities are being adapted for increased laptop usage. New 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 new Cisco 802.11b wireless network. Currently the wireless network serves academic and common areas classrooms, libraries, lawns and cafeterias on all campuses. It will continue to be expanded over the next several years.

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 such as chats and discussion groups, and education tools such as course home pages, syllabi, library access and course calendars.

Microlab Hours*

Queens campus
SULLIVAN HALL MICROLAB
 Sullivan Hall, First Floor
 (718) 990-6672

Mon.-Sun.7 a.m. – 2 a.m.

MARILLAC HALL MICROLAB
 Marillac Hall, Second Floor
 (718) 990-6748

Mon.-Thurs.....6:30 a.m. – 11 p.m.
 Friday6:30 a.m. – 6 p.m.
 Saturday8 a.m. – 4 p.m.
 SundayClosed

*Please note: Lab hours are subject to change during intersession.
 For Staten Island Microcomputer Lab hours, please call (718) 390- 4498.

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 include of three major libraries on three campuses (Queens, Staten Island, Manhattan) and additional collections at the Rome and Oakdale locations. St. John's University School of Law separately maintains the Rittenberg Law Library on the Queens campus. Together these libraries contain the equivalent of over 1.5 million volumes of books, periodicals, microform and audiovisual materials which support the undergraduate and graduate programs of the University. Cultural and recreational materials are also available.

The Main Library, a selective depository for United States government documents, also houses such special collections as the Governor Hugh L. Carey Collection, the William M. Fischer Lawn Tennis Library, the Asian Library, an Instructional Materials Center and a Media Center.

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.

The Library instructional program provides learning, in a variety of formats, for discipline-specific research appropriate to graduate study.

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.

St. John's College of Liberal Arts and Sciences

Jeffrey W. Fagen, Ph.D.,
Dean

Frank Biafora, Ph.D.,
Associate Dean

Patrick P. McGuire, Ed.D.,
Assistant Dean and Director of Academic Support Programs

Hung P. Le, D.A.,
Assistant Dean and Director of Vietnam Initiatives

For general information regarding St. John's College of Liberal Arts and Sciences, call the Queens campus at (718) 990-6243, Staten Island campus at (718) 390-4412, or the Rome campus at +39 (06) 393-842.

Objectives

In harmony with the general objectives of the University, the Graduate Division of St. John's College of Liberal Arts and Sciences provides an opportunity for the development and maintenance of continuing scholarly growth for faculty and students in certain fields of academic specialization. To this end, it offers programs of advanced study in selected disciplines, provides adequate resources in support of these programs and establishes an atmosphere of creative scholarship. This fosters the acquisition of advanced knowledge, a thorough mastery of research methods and a spirit of searching inquiry.

The Graduate Division of St. John's College of Liberal Arts and Sciences is organized as an integral unit of the University administered by the Dean, who shall act in conformity with University statutes and the academic policies prescribed by the departments/division(s), Liberal Arts Faculty Council and the Graduate Council.

Academic Status

In addition to the general policies of the University set forth in this bulletin, the following information applies to the Graduate Division of St. John's College of Liberal Arts and Sciences. Students are expected to meet all of the requirements of their academic programs. For specific information, students should refer to their respective departmental/divisional listings. Each student must conform to the policies stated in the Student Handbook which may be obtained from the office of the Dean of Student Life.

Programs of Study

Degrees and Disciplines

Bold titles represent a discipline; italicized titles represent a concentration and/or an area of study.

Master of Arts

Chinese Studies

Criminology and Justice

East Asian Studies

English

General-Experimental Psychology

Government and Politics

American Government

Public Administration

Political Theory

International Relations and

Comparative Politics

History

American

Modern European 20th-Century

Liberal Studies

Humanities

Social Science

Cultural Studies

Innovative Research

Mathematics

Algebra

Analysis

Applied Mathematics

Geometry-Topology

Logic and Foundations

Probability and Statistics

Sociology

Spanish

Speech-Language Pathology
and Audiology

Speech-Language Pathology

Audiology

Theology

Biblical Studies

Historical Studies

Interfaith Studies

Moral Theology

Pastoral Theology

Catechetical Ministry

Leadership and Ministry Preparation

Systematic Theology

Master of Science

Biology

Biological and Pharmaceutical
Biotechnology

Chemistry

School Psychology

General Track

Bilingual Track

Master of Library Science

Library Science

Archives and Preservation

Children's/Young Adult Services

Information Organization

Information Retrieval

Digital Libraries

Library Automation and Information

Technology

Management/Administration

Public, Academic, Special Librarianship

Reference and User Services

School Library Media

Government and Politics/Library Science – M.A./M.L.S.

Government and Politics/Law – M.A./J.D.

Pharmaceutical Sciences/ Library Science – M.S./M.L.S.

Social/Criminology and Justice – B.A./M.A.*

Master of Divinity

Ministerial Studies

Doctor of Arts

English

Modern World History

Doctor of Audiology

Audiology (jointly with Hofstra University and Adelphi University)

Doctor of Psychology

School Psychology

General

Bilingual

Doctor of Philosophy

Biology

Clinical Psychology

General

Child

*For a complete list of course offerings check website.

*Pending New York State approval.

For regular program updates, visit our Web site.

The Master of Philosophy (M.Phil.) degree is an intermediate degree between the academic master's and the Ph.D. To be eligible for the M.Phil., a student must be a "candidate" in a department which offers a doctorate of philosophy program. See definition of candidacy.

The Master of Science in School Psychology may be awarded to Psy.D. doctoral candidates who have successfully passed their comprehensive exam.

The Master of Arts in English may be awarded to D.A. candidates who have successfully passed their comprehensive exam.

The Master of Arts in History may be awarded to D.A. candidates who have successfully passed their comprehensive exam.

For doctoral students in the clinical psychology, school psychology, biology, history and English programs and each semester following the successful completion (passing) of the Doctoral Comprehensive Examination and including the semester of defense of dissertation/research essay, registration in doctoral research (i.e., 950, 951, 975) is mandatory for each semester until the candidate graduates.

Application for the degree is available in the graduate division office or registrar.

Certificate Programs

Post-Baccalaureate Certificates

Students interested in these certificates must possess at least a baccalaureate degree and fill out an application form through the Admission office:

- Chinese Language
- Asian and African Cultural Studies
- Public Administration in Government
- Certificate in Latin American and Caribbean Studies

Please see page 53 for more information about the CLACS Certificate.

Post Master's Degree Certificates

Students interested in these certificates must possess at least a master's degree and fill out an application form through the Admission office:

- East Asian Cultural Studies
- Library and Information Science

Certificates Offered On the Way to Degree

Application for these certificates must be made within the appropriate Department:

- International Law and Diplomacy

Two-Year Postgraduate Certificate Offered in Marital and Family Therapy Training Program

The Center for Psychological Services in Clinical Studies offers a specialized course of studies in family and couple therapy. This specialized program is designed to provide additional post-graduate training opportunities to professionals in the community interested in increasing their skills in this area. Courses are taught and supervised by senior and recognized faculty in the field. Since the program is specifically geared to professionals, classes are scheduled at convenient times. For additional information about the program, please contact the Center at (718) 990-1900 or visit our Web site under "Academic Center."

Combined Degree Programs

The Graduate Division of Arts and Sciences, in conjunction with the Undergraduate Division of St. John's College and the College of Professional Studies, offers intense, accelerated combined degree programs for highly qualified, motivated undergraduate students in their junior year who demonstrate potential for graduate studies.

These students are given the opportunity to complete both the baccalaureate and masters degree in five years of full-time study by enrolling in a maximum of four approved graduate courses while still an undergraduate student. After completion of the baccalaureate degree, students must enroll full-time on the graduate level for the fifth year. By completing undergraduate requirements during the first four years, students are assured of the bachelor's degree if for any reason they decide not to complete the fifth year. Graduate level courses that are applied to the baccalaureate degree as part of the major may not be applied to a graduate degree should the student decide not to complete the combined degree program.

At the time of application, students must have a cumulative GPA of 3.00 or better and a minimum of 3.50 GPA in at least four undergraduate courses in the major.

For more information concerning this program, please contact your faculty advisor, academic Dean or department Chair.

Students must apply for the combined degree program in their sophomore year. Applicants must have completed a minimum of 12 credits in psychology to be considered for admission. Students must complete Introduction to Psychology, Statistics and Research Methods as one of the four courses. Students take 18 graduate credits (15 in Psychology and three outside the department). In addition, they must devote 12–15 hours per week to conducting supervised empirical research.

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

| | |
|-----------|--|
| B.A./M.A. | Asian Studies |
| B.S./M.S. | Biology |
| B.S./M.S. | Chemistry |
| B.A./M.A. | English |
| B.A./M.A. | Government and Politics |
| B.A./M.A. | History |
| B.A./M.A. | Mathematics |
| B.A./M.A. | Psychology/General- Experimental Psychology |
| B.A./M.A. | Sociology |
| B.A./M.A. | Spanish |
| B.A./M.A. | Theology |

College of Professional Studies:

| | |
|-----------|--|
| B.S./M.A. | Communication Arts and Government and Politics |
| B.S./M.A. | Communication Arts and Sociology |
| B.S./M.A. | Criminal Justice and Government and Politics |
| B.S./M.A. | Criminal Justice and Sociology |
| B.S./M.A. | Health Services Administration and Government and Politics |
| B.S./M.A. | Health Services Administration and Sociology |
| B.S./M.A. | Journalism and Government and Politics |
| B.S./M.A. | Journalism and Sociology |
| B.S./M.A. | Legal Studies and Government and Politics |
| B.S./M.A. | Legal Studies and Sociology |

Consult the relevant departmental listings of this bulletin for further information on specific programs.

Academic Information

Admission Requirements

Applicants must submit the following credentials in conjunction with their applications for admission:

1) Grade Point Average:

Master's Programs: All applicants must present evidence of a 3.0 cumulative index and a 3.0 index in the major field of study.

Doctoral Programs: Doctoral programs have individual entrance requirements. See departmental entry.

2) Standardized Test Scores:

The following programs require submission of official scores of the Graduate Record Examination (GRE) in support of applicants for admission:

A) M.S. and Ph.D. in Biology: General and Subject Examinations are required.

B) M.A. in English: General Examinations are required.

C) D.A. in English: General and Subject Examinations are required.

D) Ph.D. in Clinical Psychology: General and Subject Examinations are required.

E) M.S. in School Psychology: General and Subject Examinations are required.

F) Psy.D. in School Psychology: General and Subject Examinations are required. The NASP exam may substitute for the subject GRE for those students who hold a master's degree in school psychology.

Applicants to other programs may strengthen their credentials by submitting GRE scores as well.

Those applicants to other programs who may be required to submit GRE scores will be so notified.

All applicants to the Graduate Division of Arts and Sciences who are seeking financial aid (graduate assistantships, teaching fellowships, University Doctoral Fellowships, research assistantships, research fellowships, minority scholarships) must submit the GRE (General and Subject if offered). Note: GRE scores are valid for five years from original testing date.

3) Letters of Recommendation:

Master's Programs: All applicants must submit at least two letters of recommendation, except the master's programs in general-experimental psychology, school psychology and speech-language pathology and audiology, which require three letters.

Doctoral Programs: All applicants must submit a minimum of three letters, at least one of which should attest to the research potential of the applicant.

4) Writing Samples/Personal Statements:

Applicants to all Psychology programs must submit two papers from psychology courses, one a laboratory paper and the other a term paper, as well as a personal statement of educational or career goals.

Applicants to the Doctor of Arts program in English and Modern World History must submit a recent sample of written work and a personal statement of professional experience and career goals.

Applicants to the master's program in library science must submit a statement of professional purpose.

Applicants to the master's program in speech-language pathology and audiology must submit a 300-word statement of career goals.

5) See specific entrance requirements listed in each departmental entry.

Applicants must have sufficient academic preparation to be eligible for matriculation.

Requirements for the Doctorate

1. *Academic Credit Hours:* Minimum of 32 beyond the master's degree.*
2. *Residence:* At least one year (two consecutive academic semesters) of full-time study for Doctor of Philosophy (Ph.D.) programs. Each student pursuing the Doctor of Arts (D.A.) degree must successfully complete 24 semester hours of academic credit during four consecutive academic semesters.
3. *Research Tool:* ETS Exam**, Foreign Language Reading Course or other appropriate research tool*** at the department's option. This requirement must be satisfied during the course of the program.
4. *Quality Point Index:* 3.0 or better for credit in each course.
5. *Colloquia:* See departmental listing.
6. *Comprehensive Examination:* Written, oral or both. See departmental entry.
7. *Continuous Enrollment:* Required.
8. *Dissertation (Ph.D.) or Research Essay (D.A.):* Procedures are available in the graduate Dean's office.
9. *Defense of Dissertation/Research Essay:* Final oral examination.
10. *Abstract:* Original and three copies of an abstract of the dissertation—350 words maximum.

Requirements for the Master's Degree

1. **Academic Hours:** See departmental entry.
2. **Residence:** 12 credits in two consecutive semesters.*
3. **Research tool:**
THESIS PROGRAM—ETS exam**, Foreign Language Reading Course, or other appropriate research tool*** at the department's option.
NON-THESIS PROGRAM—See departmental entry. This requirement must be satisfied during the course of the program.
4. **Quality point index:** 3.0 or better (good academic standing).
5. **Colloquia:** See departmental listing.
6. **Comprehensive Examination:** Written, oral or both. See departmental entry.
7. **Continuous Enrollment:** Required.
8. **Thesis:**
THESIS PROGRAM—Procedures are available in the graduate Dean's office.
NON-THESIS PROGRAM—Not applicable.
9. **Defense:**
THESIS PROGRAM—Departmental option.
NON-THESIS PROGRAM—Not applicable.

N.B. For specific requirements, see departmental entry.

**Each student pursuing the master's degree in Speech-Language Pathology and Audiology must satisfy a full-time residence requirement in one academic semester (10 credits in one semester)*

***Application for ETS examination may be made at the Counseling Center.*

****Research Tool Substitution form available at the Graduate School office.*

N.B. There is a five-year time limit in which the student must complete ALL of the requirements for the degree. Those who for serious reasons may require additional time must provide the reasons in writing to the department and the Associate Dean. Forms for requesting an extension of time are available in the Graduate Division office.

Advisement and Registration Procedure

Upon matriculation, students will receive from the department an Advisement Information Form which will identify their advisor. Students must consult with the department to determine when the advisement period is scheduled and then make an appointment to see their advisor during this period in order that appropriate programming may be arranged. At this time, with the counsel and approval of the advisor, the Graduate Registration Form will be completed.

The University calendar stipulates the periods for REGISTRATION. During this period, students must register for their courses in the following semester since courses with small enrollments may be cancelled or courses with large enrollments may be closed. When registering, the student must present a Graduate Registration Form to his/her advisor, in order to receive a registration code to be used with the Web registration systems. No registration priority codes will be issued without an approved Graduate Registration Form. The Dean's office reserves the right to withhold priority codes.

All non-degree students and students on academic probation must obtain a faculty advisor signature, Dean's signature and obtain the priority number from the Dean's office prior to registering for any courses. Any changes from the original (i.e., add/drop) registration form must have all signatures. Unauthorized registration may result being withdrawn from the course. This might jeopardize your status with the Graduate Division.

Attendance Policy

Regular and prompt attendance is expected of all students.

Absence from class does not excuse a student from work missed.

Individual faculty members have discretionary power to determine whether a student who has missed an announced test is to be given a make-up examination. This policy does not apply to final examinations. For the policy on final examinations, see "Examinations" under "Academic Regulation," above.

Non-Matriculated and Special Students

A student who has not met all the admissions requirements but has, on the evaluation of the faculty and Dean, the potential to pursue graduate studies is considered a non-matriculated student. Non-matriculated students may, upon approval, take a maximum of six credits in a semester for a total of 12 credits, *with a grade of "B" or better in each course*. If a student, upon completion of 12 credits, is accepted into a degree program, the Committee on Admission will determine which credits will be applicable to the degree. In any case, no more than 12 credits completed as a non-matriculated student may be applied toward the degree. A non-matriculated student will not be evaluated for admission with any grade of Incomplete (IN) on his/her transcript.

A student who has met all the admissions requirements (i.e., GPA and solid academic preparation) but who wants to take graduate courses for professional development may request to take courses as a *special student*. A maximum of 12 credits is permitted as a special student. If a student wishes to be considered for matriculation into a degree program he/she must file the appropriate application. There is

no guarantee that a special student will be matriculated into a degree program.

All students, whether non-matriculated or special, must submit transcripts of all prior academic work, undergraduate and graduate and complete the appropriate forms. Only those students who are qualified and possess the necessary background will be permitted to enroll in graduate courses.

Transfer of Credit

The general policy of the Graduate Division of the College of Liberal Arts and Sciences pertaining to transfer of credit is as follows:

1. In graduate programs requiring the completion of 30–36 credits, a maximum of six credits may be transferred with the approval of the Chair and the Dean.
2. In programs leading to the master's or Doctor of Philosophy degree, requiring the completion of 37–54 credits, a maximum of nine credits may be transferred with the approval of the Chair and the Dean.
3. In programs leading to the master's or Doctor of Philosophy degree, requiring the completion of 55 or more credits, a maximum of 12 credits may be transferred with the approval of the Chair and the Dean. In the Doctor of Arts in English program, however, a maximum of nine credits may be transferred with the approval of the Chair and the Associate Dean. In the Doctor of Arts in Modern World History program, a maximum of six credits may be transferred with the approval of the Academic Policy Committee, the Director and the Associate Dean.

Requested transfer credits must not have already been used in fulfillment of another degree. The student must present catalog descriptions of the graduate courses for which transfer credit is requested. No credit will be allowed for courses in which the grade attained is below "B." Transfer grades do not affect cumulative quality points. In addition, no degree credit will be allowed for courses completed beyond the stipulated time limit ("Time Limit"). Students requesting transfer credit must have already completed at least 12 credits in their approved graduate program at St. John's University and must make their request no later than the semester before talking their comprehensive examination.

Incomplete ("IN") Grades

Students receiving an "IN" (Incomplete) grade must submit all required materials no later than the deadline indicated in the Academic Calendar in the front of this bulletin. All "IN" grades not removed by the deadline will become permanent on the transcript. In some cases, it may be necessary for the student to repeat the course involved. *The student must request a grade of incomplete from the professor before the end of the semester. Requests for an extension of the grade INC must be filed in the Dean's office. Faculty hold the prerogative in establishing a date earlier than identified in this bulletin. All materials must be submitted to the Dean's office by the set deadline. The materials submitted will be forwarded to the faculty member for review.*

Scheduling of Courses

Departments strive for accuracy with regard to the scheduling of courses. They reserve the right, however, to alter the schedule as needs may dictate. Moreover, the Dean maintains the right to cancel courses when deemed necessary.

Certification of Full-time or Part-time Status

In conjunction with registration each semester, graduate students enrolling for only master's Research (900) or Doctoral Research (950 or 975) must complete appropriate certification regarding full-time or part-time status, provided by the Graduate Division of the College of Arts and Sciences. Psychology students enrolling in an internship must also complete appropriate certification. All Graduate Assistants and Research Assistants must complete appropriate certification attesting to their full-time status. Those students needing to be certified full-time, must complete the necessary forms each semester.

Full-time: 12 credits each semester;
10 credits for M.A. students in the Department of Speech.

Residence

Each student pursuing the Doctor of Philosophy degree must satisfy at least a one-year, full-time residence requirement during two consecutive academic semesters, that is, fall and spring.

In order to fulfill the residence requirement for the Doctor of Arts degree, each student must successfully complete 24 semester hours of academic credit during four consecutive academic semesters.

Each student pursuing the master's degree must complete 12 semester hours of academic credit during two consecutive academic semesters.

Each student pursuing the master's degree in speech-language pathology and audiology must complete a minimum of 10 semester hours of academic credit in one academic semester (excluding summer).

Comprehensive Examination

Doctoral and master's students in all departments or divisions must pass a comprehensive examination. English M.A. students, submit a portfolio. This examination may not be taken earlier than the last semester or session of coursework and must be taken within one year of the completion of all coursework, language and residency requirements. Students must be in good academic standing (3.0 or better) and must have completed language and residency requirements before their applications to sit for comprehensive examinations will be approved.

Students in speech pathology and audiology must submit an Internal Review Board (IRB) application prior to sitting for a comprehensive exam.

This examination may be oral or written or both, according to the regulations of a particular department or division. The matter for this examination is not limited to the course taken by the student, but may cover general concepts as well as the whole area of the candidate's field of study. The comprehensive examinations may be held in the fall, spring or summer according to departmental regulations as noted in the Academic Calendar.

The individual examiners report the results of this examination in writing to the Dean, who communicates them to the individual candidates.

Applications for these examinations should be made in the office of the Dean no later than the dates designated in the Academic Calendar.

Candidacy

A doctoral student acquires the status of "candidate" after he or she has successfully completed: 1) all coursework excluding Doctoral Research (950 or 975) and Departmental Seminars (e.g., BIO 599) or Colloquia, 2) language and/or research tool requirements, 3) the comprehensive examination; and has received 4) approval of a dissertation topic by a department faculty committee and the Dean.

Doctoral Dissertation, Doctoral Research Essay and Master's Thesis

All students please read the "Academic Regulations" section of this bulletin for general University stipulations concerning the preparation and defense of dissertations and theses. Responsibility for a well-organized presentation of personal research as well as the details involved rests primarily upon the student. Some of these details are:

- 1) There is a procedure for the doctoral dissertation (Ph.D.), the doctoral research essay (D.A.) and the master's thesis which the student must follow. These directives can be obtained from the office of the Graduate Division of Arts and Sciences.
- 2) Each Dissertation (Ph.D.) or Doctoral research essay (D.A.) requires a mentor and a minimum of two committee members.
- 3) Each master's thesis requires a mentor and at least one committee member.
- 4) Doctoral students or master's students in a thesis program must submit a proposal for their research to the appropriate department. Upon departmental approval, the proposal and a Dissertation Approval Form, Research Essay Approval Form, or master's Approval Form must be forwarded to the Associate Dean for approval and registration of the topic. The Associate Dean may request that additional members be appointed from outside the department to the research committee.

- 5) Research involving human subjects requires the permission of the University's Institutional Review Board (IRB). Such permission must be sought and obtained prior to ANY experimentation with human subjects. The IRB meets the first week of each month to review proposals submitted since the last meeting. Results of these reviews will be reported to the initiator immediately after.
- 6) Research to be conducted outside the University (in a hospital, laboratory or psychiatric center, for example) must have the approval of the Associate Dean. The Graduate Division office will provide forms which must be completed by the student.
- 7) Final copies of the Dissertation, research essay, or thesis, BEARING THE APPROVAL OF THE MENTOR, must be submitted to the Graduate Division office for final approval in accordance with the dates published in the Academic Calendar.

Insurance

Students enrolled in science laboratory courses or conducting research in which the use of a laboratory is required must be covered by insurance obtained through the University or present evidence of other coverage to the treasurer's office. For example, "other coverage" may be through the student's own health insurance plan or he/she may still be covered under a parent's policy after the calendar year following the 19th birthday. Those who apply for coverage through the University will receive an insurance identification card which must be presented upon request. The University requires all students holding an F-1 or J-1 visa to have Sickness Insurance. See the "Student Support Services and Resources" section for more information.

Institute of Asian Studies

The Institute of Asian Studies offers programs leading to the M.A. degree in East Asian Studies or Chinese Studies, the B.A./M.A. degrees in East Asian Studies and certificates in Chinese Language Studies, Strategic Asian Studies, East Asian Cultural Studies or Asian American Studies.

Programs of Study

M.A. in East Asian Studies

The program in East Asian Studies seeks to provide a comprehensive and critical study of the historical, social, economic, political and cultural developments of the Asian world, both as a whole and as individual societies. To attain these ends, language courses or linguistic studies in Chinese and Japanese are provided. The program also seeks to provide intensive knowledge of the field and experience in the critical use of sources and in the presentation of research.

Entrance Requirements

Acceptance into the program presupposes that the applicant has sufficient background in area studies and humanities. Foreign students must show proof of English proficiency by submitting results of the TOEFL examination. Students are expected to have an undergraduate preparation of at least 18 semester hours in the field. In lieu of this, subject to departmental review, students may be accepted provided that some of the above number of hours are in related fields.

Program Requirements

- Two options are offered:
 - Thesis option:* The program of study consists of a minimum of 33 semester hours of coursework, six of which include master's thesis research and a written thesis. Prescribed courses include ASC 300 (Introduction to Source Materials on China) and Master's Research (ASC 900) in the East Asian field. The remainder of the program will be arranged in consultation with the student's advisor.

- Non-Thesis option:* 33 credits. The program of study requires a minimum of 33 hours of coursework, including ASC 300 (Introduction to Source Materials on China) and ASC 303 (Japanese Bibliography and Historiography). The remainder of the program will be arranged in consultation with the student's advisor.
- Language:* At least one semester of Chinese or Japanese or any other language pertinent to the student's major field.
- Comprehensive Examination:* A written examination will test the student's knowledge of four selected fields, areas or problems of historical scholarship. The examination may not be taken earlier than the last semester or session of coursework and must be taken within one year of the completion of all coursework, language and residence requirements.

M.A. in Chinese Studies

The Institute of Asian Studies offers a program of graduate study in the language and civilization of China leading to the Master of Arts degree. The aim is to broaden the student's use of language skills and to provide a solid foundation in the history and culture of China. This specialized study and familiarity with research are intended to equip the student for a teaching career or for further scholarship.

Entrance Requirements

In addition to the entrance requirements for the M.A. Program in East Asian Studies, the minimum background preparation for graduate study leading to the degree in Chinese Studies should also include at least one year in the Chinese language studies.

Program Requirements

- Two options leading to the M.A. in Chinese Studies are offered:
 - Thesis option consists of a minimum of 33 semester hours of coursework, six of which include master's thesis research and a written thesis in the field of Chinese Studies. ASC 300 (Introduction to Source Materials on China) is a required course under this option.
 - Non-thesis option consists of a minimum of 33 semester hours of coursework in the field of Chinese Studies. ASC 300 (Introduction to Source Materials on China) is a required course under this option. The student matriculating for the M.A. will choose either of these two options. It is strongly recommended that the thesis option be pursued by those students who may continue their graduate studies beyond the Master of Arts degree and teach on the college or university level.
- Language:* The student is also required to take 12 semester hours in the Chinese language if he/she is a non-Chinese native speaker.

- Comprehensive Examination:* A written examination will test the student's knowledge of four selected fields, areas, or problems of historical scholarship. The examination may not be taken earlier than the last semester or session of coursework and must be taken within one year of the completion of all coursework, language and residence requirements.

Certificate Programs

Along with the increasing importance of Asia, there is a corresponding increase of job demand in this area. To meet this need, the Institute also offers three certificate programs:

- 15-credit Certificate program in International Investment and Trade in China
- 18-credit Certificate program in Chinese Language
- 15-credit Certificate program in East Asian Culture

Undergraduate and graduate students, alumni of St. John's, and others are eligible to participate. Those who are not matriculated may be admitted to the program(s) as special students for the certificate(s) alone.

B.A./M.A. in Asian Studies

Qualified students who have completed the first semester of their sophomore year with a general index of 3.0 and a major average of 3.5 are encouraged to enter this intensive accelerated five-year program leading to two degrees. Under this program, students matriculate for 147 undergraduate/graduate credits. Students are expected to maintain grade levels in undergraduate and graduate work according to the requirements set forth in the existing B.A. and M.A. programs.

The Chin-Ying Scholarships for Graduate Asian Studies

Established in 2005, two scholarships will be awarded annually to two graduate students, preferably of Chinese descent, pursuing a master's degree in East Asian or Chinese Studies. These scholarships are provided by Prof. and Mrs. Chin Ling Wang. Prof. Wang had been a dedicated faculty member of St. John's for nearly thirty years until his retirement. Qualified applicants must possess a minimum average of a B+ or a 3.0 cumulative index. Recipients are selected with the recommendation of the Institute for Asian Studies as scholastic basis for the Office of Financial Aid to make decisions.

Courses

Required

ASC 300 Introduction to Source Materials on China

A survey of essential bibliographies, periodicals, research aids, source materials and books about China from prehistoric times to the present. Emphasis is placed on English-language works. *Credit: 3 semester hours.*

Elective (I)

ASC 135; 136 Problems in East Asian History* (cf. HIS 135; 136)

European imperialism in East Asia since the middle of the 19th century and the resultant conflicts with special emphasis on China, the origin and the consequence of Japanese militarism; and social changes in East Asia. *Credit: 3 semester hours.*

ASC 553; 554 Classical Chinese Civilization

An introduction to the historical development of Chinese civilization from prehistoric times to the early 19th-century with emphasis on political and intellectual trends. *Credit: 3 semester hours.*

ASC 563 Seminar: China in the Modern World

An analysis of China in the 19th- and 20th-centuries; the erosion of the traditional political and social systems and the various attempts to construct new political and social forms to meet the needs of the modern world. Emphasis is on political, economic, military, population and social developments, but some attention is also given to intellectual and cultural changes. *Credit: 3 semester hours.*

ASC 180 International Investment and Trade in China

China has become a top destination for foreign direct investment (FDI). The Chinese market is vital to the U.S. and to the world economy. The purpose of this course is to introduce students to opportunities and strategies for investments and trade in/with China. *Credit: 3 semester hours.*

ASC 572 Chinese Business Law

This course will explore main issues in Chinese business law since 1978, such as: legislation, company and securities law, land-use reform and other property rights, private business regulation, and state enterprise reform in the People's Republic of China. It will also discuss Chinese approaches to arbitration and dispute resolution, bankruptcy, corporate corruption, foreign investment, intellectual property, joint ventures, and taxation. *Credit: 3 semester hours.*

ASC 103 The Art of War by Sun Tzu

The Art of War, composed probably in the 4th century B.C., is the earliest treatise on the subject. It is forever current in its wisdom and insightful analysis of military strategy and tactics, and it teaches a winning philosophy and

the strategies and tactics for winning, applicable to business as well as to politics and military. Therefore, recently many American and East Asian universities and business schools have also offered courses on this extraordinary classic. *Credit: 3 semester hours.*

ASC 102 Great Books from China

In history, China was a huge empire. Today, it is what Henry Kissinger has called "the most ascendant among all contemporary powers." One of the many factors that has made China so powerful and lasting is its deep-rooted philosophical and humanistic tradition, embedded in several extraordinary classics, including Lao Tzu, The Confucian Analects, and Chuang Tzu. The purpose of this course is to introduce the essence of these three great books by discussing and analyzing selected chapters. All readings are in English. *Credit: 3 semester hours.*

ASC 582 Western Images of China

A survey of Westerners' impressions and perceptions of China from the earliest times to the present. Particular attention will be given to American descriptions of China and the Chinese in writings and films.

ASC 254 U.S. – China Relations

A survey of the cultural, economic, diplomatic, and military relations between the two countries, from the discovery of America to the present. The emphasis will be on contemporary developments, from the Nixon administration to the present. The Taiwan issue will also be discussed. *Credit: 3 semester hours.*

ASC 256/MKT233 International Marketing of East Asia

An analysis of the economic, political, social and cultural facts affecting marketing and consumer behavior in East Asian countries; research in their marketing structure, promotions and opportunities. *Credit: 3 semester hours.*

ASC 347 The United States and East Asia

International and intercultural relations from the 18th century to the present. Emphasizes imperialism, nationalism, immigration, evangelization, modernization, globalization, and role of ideas and images. *Credit: 3 semester hours.*

ASC 352 China after the Communist Revolution

The political culture and history of the People's Republic of China. Explores long-term social change and institutional development, and discusses China's current economic relations with the world. *Credit: 3 semester hours.*

CHI 305, 306 Seminar on Chinese Literature, I & II

The course aims to examine major works of Chinese poetry, prose, and fiction from ancient times to the present. The first semester concentrates on the pre-modern period, while the second semester focuses on the 20th century. *Credit: 3 semester hours.*

ASC 360 China Through Audio-visual Educational Materials

An examination of important educational films, tapes and CDs on China, with special attention to the recent decades. Emphasis is on how these materials can be used to complement classroom learning and individual study. *Credit: 3 semester hours.*

CHI 203, 204 Advanced Reading in Modern Chinese

Readings from modern/contemporary Chinese texts, such as newspapers and periodicals.

CHI 210, 211 Chinese for Business Managers

This course aims to provide students with the commonly used vocabulary and idioms in doing business with the Chinese. It will also discuss social etiquette in doing business.

Elective (II)

ASC 121 Japan as an Economic Power*

A study of political, economic and social factors which contributed to the unusually fast development of the Japanese economy during the post-war period and its domestic and international impacts. *Credit: 3 semester hours.*

ASC 252; 253 The Cultural Transformation of Modern China

The crisis of confidence in traditional ethics and philosophy; the appropriation and rejection of Western tendencies; cultural revival and revolution and the interweaving of politics and culture under Communism. *Credit: 3 semester hours.*

ASC 320 Classical Japanese Literature

A study of Japanese literature from the Yamato period to 1868, concentrating mostly on poetry and drama. The main concern will be to perceive the values of Japan through its literature. *Credit: 3 semester hours.*

ASC 321 Modern Japanese Literature

An examination of Japanese literature since the Meiji Restoration in 1868. This includes discussion of the peculiar social and cultural milieu in modern Japan, with primary focus on the major writers. *Credit: 3 semester hours.*

ASC 349 Women and Family in Modern China: Changing Patterns of Social Relations

An analysis of the changes in the status of modern Chinese women; women's status in traditional China and the changing social and political roles of Chinese women from the late 19th century to the present will be examined in the context of modern Chinese history. *Credit: 3 semester hours.*

ASC 354 Women In Chinese Literature

Literary works are a major source for the study of the history of Chinese society in general and the Chinese women in particular; the lives and changing conditions of Chinese women are investigated through readings in poetry, fiction and drama from the earliest times to the present. *Credit: 3 semester hours.*

ASC 541; 542 Seminar—Taiwan in the Modern World

A study of historical changes in Taiwan in the context of major world trends; internal developments of Taiwan; the influence of external forces. *Credit: 3 semester hours.*

ASC 901 Directed Readings

Supervised research on a single topic determined jointly by the student and a member of the faculty. *Credit: 3 semester hours.*

Elective (III)**ASC 257 Asian American History**

The aim of this course is to provide a balanced survey of the history of the major Asian ethnic groups in the United States namely, Chinese, Japanese, Korean, Indian and Vietnamese. Primary evidence is on the developments during the past half-century. *Credit: 3 semester hours.*

ASC 258 Asian American Art

This course is a survey of the achievements of Asian American artists, beginning with the early 20th century, but concentrating on more recent developments and trends. *Credit: 3 semester hours.*

ASC 583 Asian American Literature

This course concentrates on some important Asian American novelists, short story writers and dramatists, their major themes and their connections with the literary traditions of Asia. *Credit: 3 semester hours.*

ASC 584 Asian American Women

This course is a survey of three major groups of Asian American women—Chinese, Japanese and Korean. The focus is on the interplay between these women's cultural heritages and the changing social environment in the United States. *Credit: 3 semester hours.*

Language**ASC 114 Chinese Calligraphy: Theory and Practice**

The purpose of this course is to introduce students of the arts and cultures to the essential elements of this great art by describing and analyzing the theoretical structure and aesthetic values. In addition to classroom lectures, several professional and well-known calligraphers will give demonstrations of the uses of brushes and ink. *Credit: 3 semester hours. One-semester course. No Prerequisite.*

CHI 103; 104 Advanced Conversational Chinese* (Cf. EDU 9040, 9041)

Prerequisite: CHI 101 or equivalent. CHI 103 is a prerequisite for CHI 104. Drill in the audio-lingual skills; the learning of speech patterns, sounds, intonation and basic vocabulary. *Credit: 3 semester hours.*

CHI 203; 204 Advanced Reading in Modern Chinese (Cf. EDU 9044, 9045)

Prerequisite: CHI 201 or equivalent. CHI 203 is a prerequisite for CHI 204. Readings from modern Chinese texts, periodicals and newspapers. *Credit: 3 semester hours.*

JPN 103; 104 Conversational Japanese*

Prerequisite: JPN 2 or its equivalent. JPN 103 is the prerequisite of JPN 104. The aim of this course is to give the student basic training in Japanese conversation based on the Japanese grammar and vocabulary that he/she has learned. *Credit: 3 semester hours.*

Research**900 Master's Research**

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the M.A. requirements. *Credit: 3 semester hours.*

Maintaining Matriculation**925 Maintaining Matriculation**

Master's students not registered for other courses must register for ASC 925 until all degree requirements are completed and the degree is granted. *No credit. Fee: \$50 per semester.*

Associated Courses**ASC 254 Asian Political and Social Thoughts: The Classical and Recent Periods (Cf. GOV 254)****ASC 255 Asian Political and Social Thought: The Contemporary Period (Cf. GOV 255)****ASC 651 Buddhism and Christianity in Dialogue (Cf. THE 651)**

For a complete listing of approved courses, please contact the Dean's office.

Department of Biological Sciences (BIO)

General Entrance Requirements

Undergraduate Program: Applicants should have successfully completed an undergraduate major in the biological sciences or a related field including one year each of inorganic and organic chemistry, physics and mathematics through introductory calculus with a "B" or better average. One semester of either genetics, molecular biology or biochemistry is required and a semester of each is highly recommended. Preferably an applicant will also have one or more courses in an area of biology in which he or she hopes to specialize.

Deficiencies: All prerequisite courses should be completed prior to commencing graduate studies. The department may require a student to make up certain deficiencies during the first year of study. This may preclude the possibility of obtaining the master's degree within the usual two-year period.

Programs of Study

Master of Science

Entrance Requirements

The applicant must submit transcripts demonstrating that in completing the program described above under "General Entrance Requirements" he or she has achieved an overall cumulative index of "B", including a "B" or better average in biology and the cognate sciences. Acceptance into the M.S. program in Biological Sciences presupposes that the applicant is interested in a career in which the understanding of research objectives plays a substantial role. The training in modern biology that this program offers should be particularly valuable for teachers, as the orientation and growth of biology over the last and next decade is emphasized.

All students will be required to present satisfactory scores on the GRE (both general and subject tests). The latter may be either biochemistry/molecular biology or biology).

Foreign-born students who have not received a US degree will also be required to present evidence of proficiency in English such as the TOEFL test.

Program Requirements

- Courses:** The M.S. program requires a minimum of 33 credit hours of coursework including the core courses Biology 207, 208 and 212. Students may register for upper-level courses in accordance with their career goals and upon recommendation from their graduate advisor.
- Research:** Research is emphasized at all levels of graduate study. M.S. candidates are strongly advised to take at least two semesters of special research (Biology 352, 353). A formal written report describing the results of this research is required for each semester. The thesis option requires six credits of Biology 900 and the submission of a research thesis, which documents a student's ability to conduct independent research.
- Seminars:** Enrollment in and attendance at the Biological Sciences Department Seminars (Biology 599 or 599A) is required every semester. At these meetings research topics of current interest are discussed by distinguished outside speakers, faculty and advanced graduate students.
- Language:** There is no specific language requirement for the master's degree in biology.
- Comprehensive Examination:** All students must pass a written comprehensive examination covering current theory, application and research in areas appropriate to their training and interests. Questions may be derived from but are not limited to specific courses or seminars. The rules governing the application and administration of this examination are found under "Comprehensive Examination" in the Graduate Division of Arts and Sciences section of this bulletin.
- Residence:** To satisfy the residence requirement for the M.S. degree, the student must successfully complete 12 semester hours of credit in two consecutive academic sessions.
- Time Limit:** All academic requirements for the M.S. degree must be completed within five years.
- Academic Standing:** A 3.0 quality point average must be maintained both in the core courses and in the overall academic record. Failure to do so may result in being placed on probation or lead to dismissal from the program.

M.S. in Biological Sciences, Biotechnology Concentration

St. John's University is embracing the biotechnology revolution through a collaborative, interdisciplinary effort between the College of Pharmacy's Department of Pharmaceutical Sciences and St. John's College of Liberal Arts and Sciences, Department of Biological Sciences to enable our students to partake in a revolutionary industry. The biotechnology and pharmaceutical industries are currently among the fastest-growing and most research-and-development intensive in America.

Biotechnology is a collection of techniques from the disciplines of microbiology, biochemistry and molecular and cellular biology. biotechnology companies include the large pharmaceuticals, small start-ups, information technology firms, clinical and research laboratories and others. All of these companies are looking for skilled, self-motivated, proficient employees.

Program Requirements

The outlined curriculum provides a strong conceptual foundation upon which students can build the practical skills necessary to excel in this exciting field.

Students must complete 33 credits, 18 of which are satisfied by the completion of the required core courses, including an off-campus internship that the student takes in his/her final semester.

Core Courses (3 credits each)

| | |
|---------|---|
| PHS 270 | Introduction to Biotechnology |
| PHS 257 | Gene Technology in the Pharmaceutical and Health Sciences |
| BIO 207 | Biomolecules and Cell Structure |
| BIO 248 | Laboratory Techniques and Applications I |
| BIO 249 | Communication Skills in the Life Sciences |
| BIO 910 | Internship in Biotechnology |

With the remaining 15 credits, students must select at least one course from Section A and one from Section B (below) with additional courses from either section.

Section A

| | |
|---------|---|
| BIO 208 | Molecular Genetics |
| BIO 212 | Growth, Movement and Regulation |
| PHS 203 | Research Methods in Pharmacology |
| BIO 275 | Principles of Electron and Microscopy |
| PHS 250 | Biochemical and Biophysical Aspects of Cell Culture and |
| PHS 250 | Alternative to Animal Testing |

Section B

| | |
|---------|---|
| BIO 253 | Laboratory Techniques and Applications II |
| BIO 282 | Laboratory Use of Radiochemicals |
| PAS 215 | Foundation of Regulatory Affairs |
| PAS 256 | Principles of Drug Design |
| PAS 252 | Biostatistics |

For further information, please contact Dr. Diana Bartelt at barteltd@stjohns.edu.

B.S./M.S. in Biology

The Department of Biological Sciences offers an intensive, accelerated combined degree program leading to both the B.S. and M.S. 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 Biology are encouraged to apply. Students in the B.S./M.S. program matriculate for a total of 144 credits, 33 of which are on the graduate level. Those electing the thesis option must complete six credits of Master's Research (BIO 900). Students choosing the non-thesis option complete six credits of coursework in lieu of BIO 900. After completion of the baccalaureate degree, students must enroll full time on the graduate level for the fifth year. For detailed information, students should consult the Director of Graduate Studies.

Doctor of Philosophy

Entrance Requirements

Acceptance into the Ph.D. program in Biological Sciences presupposes that the applicant is interested in and qualified for, a career directing research in an academic, medical or biotechnology setting. Students with very strong undergraduate academic credentials may be accepted directly into the doctoral program.

All applicants must present evidence of:

- Successful completion of an undergraduate major in the biological sciences with an overall cumulative index of "B" including a "B" or better average in biology and the cognate sciences (including chemistry and physics). The undergraduate program should include one year each of inorganic and organic chemistry, physics and mathematics through introductory calculus. One semester of either genetics, molecular biology or biochemistry is required and a semester of each is highly recommended. Chemistry majors who meet these qualifications will be considered for admission into the program. Preferably applicants will also have one or more courses in an area of biology in which they hope to specialize.
- Applicants from master's degree programs must have an overall cumulative index of "B+" or better in their graduate work.
- Satisfactory scores on the GRE, both general and subject tests.
- Three satisfactory letters of reference from science faculty in the applicant's most recent program of study.
- A one-page essay in which the candidate describes his or her interests, career goals and special aptitudes.
- Special Requirements. Foreign-born students who have not received a US degree will also be required to present evidence of proficiency in English such as the TOEFL test.

Lack of preparation in any particular area may be made up during the first year of atten-

dance with departmental approval. It is strongly recommended that prospective doctoral students consult with the Graduate Director for detailed information concerning the doctoral program.

Curriculum and Program Requirements

1. The academic curriculum consists of a minimum of 60 credits beyond the B.S. degree or 32 credits beyond the M.S. degree. The core curriculum consists of Biology 207, 208, 212 and research rotations through two research laboratories during the second semester of the first year and one more research laboratory during the first summer session of the first year. Students may elect a further rotation during the second summer session. In each of these rotations students are introduced to the specific techniques and the research approaches of individual faculty.
2. *Qualifying Examination.* A qualifying examination for the doctoral program is administered at the end of the first semester of the second year of study. This examination is a test of the ability to organize information learned in several disciplines. Successful completion of this examination constitutes acceptance to the doctoral research level.
3. *Upper-Level Courses.* Further training consists of a series of upper-level specialized courses, research courses leading to the development of a doctoral dissertation and advanced seminars in which specific research questions are examined through use of current experimental literature. Courses are selected by the student in consultation with faculty advisors and reflect the specific career orientation of the student. The selection of upper-level courses to be taken will be recommended by the student's research advisor and other professors. Ordinarily, a plan will be established during the first year of study. The student's thesis committee will guide the student's research and will form the nucleus of examining committees.
4. *Comprehensive Examination.* A written comprehensive examination which will cover the student's area of concentration and other subjects approved by the doctoral examination committee, will be taken after the student has completed all required courses (in the third year of study) and has obtained approval for a proposal of dissertation research. The rules governing the application and administration of this examination are found under "Comprehensive Examination" in the Graduate Division of Arts and Sciences section of this bulletin.
5. *Research and Dissertation.* All doctoral students are required to take a minimum of six credits of Doctoral Research (950) and to submit a dissertation. Not more than 15 credits of Doctoral Research (950) will be counted towards the completion of the degree. Upon recommendation of the student's advisor, Special Research (Biology 352

or 353) may be taken as a preparation for dissertation research. Each semester of Special Research requires a written report. The dissertation should embody the results of significant original research, which has been submitted for publication in a recognized scientific journal.

Doctoral candidates must defend the dissertation in a final oral examination before a committee of the faculty. Doctoral level students will be expected to communicate in both oral and written presentations with clarity, organization and accuracy. The doctoral dissertation is a major document which is expected to demonstrate high-level skills in writing and presentation as well as in the scientific content.

The public defense of the doctoral dissertation is not scheduled until the candidate submits evidence to the Departmental Chair that a manuscript derived from the dissertation has been submitted to a peer-reviewed journal for publication.

6. *Seminars.* Enrollment in and attendance at the Departmental Seminars (BIO 599) are required for credit during a total of three semesters and thereafter as a no-credit course (Bio 599A). Doctoral students will be asked to present the results of their research at these seminars.
7. *Residence.* To fulfill the residence requirements for the Ph.D. degree, a student must complete two consecutive academic semesters of full-time study; that is, fall and spring, including attendance at seminars.
8. *Time Limit.* Students must complete all requirements for the degree within seven years from the date of matriculation. Degree credit may be denied for courses more than seven years old.
9. *Transfer Credit.* Students may seek admission to the Ph.D. program after having successfully completed some graduate work at another accredited institution. Students may request transfer of credit for this work, provided it has not been offered in fulfillment of another graduate degree.
10. *Academic Standing:* A 3.0 quality point average must be maintained both in the core courses and in the overall academic record. Failure to do so may result in being placed on probation or lead to dismissal from the program.
11. Students must complete a research tool in computer competency either by appropriate coursework or by passing a departmental examination.

Special Requirements

1. All laboratory work must be done at the University unless special permission is granted by the Dean of the Graduate Division of Arts and Sciences to do research elsewhere.
2. Students may enroll for special research in the summer session as well as in the regular academic year.

3. It is strongly recommended that students plan for full-time attendance, since it is not advisable to attempt completion of a degree program by part-time study.

Candidacy

A student will be admitted into candidacy for the Ph.D. program upon the successful completion of all courses other than Doctoral Research (950), the doctoral qualifying examination, research tool requirements and acceptance of a thesis proposal by the Chair of the department.

Fellowships

All master's program students are eligible to apply for graduate assistantships which offer a stipend, provide tuition remission and require some service to the department. Doctoral program students are eligible to apply for University doctoral fellowships or doctoral fellowships which are awarded competitively based on criteria such as grades, GRE scores, effort and progress in research. Women doctoral students are eligible for the prestigious Clare Booth Luce Fellowships in Biology which are also awarded on the basis of academic merit. These Luce Fellowships are especially intended for women who expect to pursue careers in higher education. Other special fellowships such as the Initiative for Maximizing Student Diversity (IMSD) as well as Graduate Assistance in Areas of National Need Program (GAANN) may also be available to qualified master's and doctoral students.

Some of the biology faculty may have funds available from research grants for the support of student assistants; these awards are made by the faculty member. Interested students may consult the Chair for specific information and application procedures required for any of these assistantships or fellowships.

Courses

The core curriculum is an integrated series of three courses encompassing the fundamentals of biochemistry and molecular biology in the context of prokaryotic and eukaryotic cell biology. It is designed so that BIO 207 (Core A) is taken during the first semester; and BIO 208 (Core B) and BIO 212 (Core C) are taken concurrently during the second semester. All students will take BIO 599 (Departmental Seminars) for credit during the first three semesters and for 0 credit thereafter. Doctoral students are required to enroll in BIO 550 (Research Rotation I) in the spring semester of their first year and in BIO 551 (Research Rotation II) during the summer between their first and second years.

165 Ecology

This course will deal with recent advances in ecological research in published papers, new books and journals. *Credit: 3 semester hours.*

207A Core A Biochemistry

Introduction to the organization and chemical economy of the cell; an overview of metabolism. Structure and function of biomolecules; enzymes; physical and chemical methods for studying cells. *Credit: 3 semester hours.*

208 Core B Molecular Biology

Prerequisite: 207. Structure and function of DNA; protein synthesis and the genetic code; mechanisms of genetic transfer; recombinant DNA; viruses; chromosomes; gene expression and its regulation. *Credit: 3 semester hours.*

209 Bioinformatics

A consideration of the application of information technology to biological questions, including DNA sequencing, proteomics and genomics. *Credit: 3 semester hours.*

212 Core C Cell Biology

Prerequisite: 207. Structure and function of subcellular organelles. Transport; the endoplasmic reticulum, protein secretion and membrane biogenesis; the cytoskeleton; mitochondria, chloroplasts and the generation of useful energy. *Credit: 3 semester hours.*

215 Developmental and Systems Biology

Prerequisite: 207, 208, 212. Germ cells, fertilization, multicellular development and the determination and maintenance of tissue specificity; molecular biology of development, the immune and nervous systems. *Credit: 3 semester hours.*

234 Selected Topics in Medical Microbiology

The host-microbe interaction in health and disease; role of microbial agents as biological response modifiers; the molecular basis of chemotherapy and microbial resistance to antibiotics. *Credit: 3 semester hours.*

236 Microbial/Molecular Genetics

Prerequisite: 207. The focus of this course is on modes of genetic transfer, plasmids and mobile genetic elements. Molecular techniques used in prokaryotic research will be emphasized. *Credit: 3 semesters hours.*

240 Virology

The nature and molecular biology of viruses and their relationship to the host cell. Lecture. *Credit: 3 semester hours.*

248 Laboratory Techniques and Applications I

Project-based hands-on experience with a variety of modern cellular, biochemical and molecular techniques. *Credit: 3 semester hours.*

249 Introduction to Scientific Literature

Instruction in the reading of original research articles in a single area of interest to both the student and faculty member. Weekly presentations of two or three papers are required. *Credit: 3 semester hours.*

251 Endocrinology

Introduction to hormone regulation, synthesis and mechanism of action; principles of hormone assay; hormone-receptor interaction and signal transduction. *Credit: 3 semester hours.*

253 Laboratory Techniques and Applications II

Second part of BIO 248.
Credit: 3 semester hours.

261 Neurophysiology

Neuroanatomy; cell biology of neurons; synaptic transmission; mechanisms of transmitter release; coding and processing of the sensory information; phototransduction. *Credit: 3 semester hours.*

275 Principles of Electron Microscopy

Corequisite: 275L. This course is intended to instruct the student in the basic techniques of electron microscopy. It will also describe the analytical methods used to identify various biological systems. *Cf. PHS240. Credit: 4 semester hours.*

275L Electron Microscopy

Corequisite: 275. This course will instruct the student in the preparation of tissue for electron microscopy and the interpretation and analysis of electron micrographs. *Laboratory fee: \$60 per semester. Credit: 3 semester hours.*

278 Cytogenetics

Origin, chromosome behavior, transmission and genetic significance of chromosome aberrations; euploidy, aneuploidy and their practical usefulness. *Credit: 3 semester hours.*
Laboratory fee: \$60.

708 Topics in Molecular Biology

Organization, function, regulation and manipulation of genes at the molecular level. Applications of recombinant DNA technology to basic research medicine and biotechnology. *Credit: 3 semester hours.*

711 Cellular Signal Transduction

The biochemical pathways responsible for the activation of cell function in response to intercellular signals will be explored. *Credit: 3 semester hours.*

714 Topics in Genetics and Cytogenetics

Human genetics, extrachromosomal inheritance and selected topics in cytogenetics and eukaryotic genetics. *Credit: 3 semester hours.*

715 Yeast and Other Fungi as Experimental Organisms

The focus of the course is on molecular genetic manipulations of yeast and other fungi. *Credit: 3 semester hours.*

718 Topics in Developmental Biology

A single topic in the field of developmental biology will be explored in-depth beginning with the original observations leading to interest in the field and ending with the most recent developments in the area. *Credit: 3 semester hours.*

722 Biology of Aging

Current theories of aging. Emphasis will be on readings in one of the currently popular theories and its future development. *Credit: 3 semester hours.*

730 Microbial Physiology

The emphasis of this course is on the organization of genetic networks in bacteria and their ability to respond to environmental fluxes. Signal transduction mechanisms in prokaryotic cells. *Credit: 3 semester hours.*

762 Topics in Neurobiology

Two to three topics in the field of Neurobiology will be selected for each course. Topics will be discussed in depth beginning with the historical background and ending with the most recent developments in the area. *Credit: 3 semester hours.*

763 Molecular Neurobiology

The impact of advances in molecular biology on the study of the nervous system will be investigated. *Credit: 3 semester hours.*

Research

352; 353 Special Research in Biological Sciences

Consists of conferences on specialized topics and accompanying laboratory work. A formal written report is required. May not be repeated. *Credit: 3 semester hours per semester.*
Laboratory fee: \$60 per semester.

550 Research Rotation I

Required of doctoral students. This course is given in the Spring semester and consists of sequential laboratory experiences in each of two separate research laboratories. *Credit: 3 semester hours.*
Laboratory fee: \$60 per semester.

551 Research Rotation II

Required of doctoral students. This course is given in the first summer session and consists of a third laboratory experience in a research laboratory. *Credit: 3 semester hours.*
Laboratory fee: \$60 per semester.

552 Research Rotation III

This course is an optional fourth laboratory experience. The project chosen is to give the student experience in the handling of equipment and in the research goals associated with the laboratory. *Credit: 3 semester hours.*
Laboratory fee: \$60 per semester.

599 Departmental Seminar

Enrollment and attendance at this weekly seminar is required of all students. Presentations by invited speakers from St. John's and other universities and research institutions. *Credit: 1 semester hour per semester for first three semesters; 0 semester hours during subsequent semesters.*

900 Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the master's degree requirements. Students enrolled in the thesis program are obliged to complete six credits of master's research.

Credit: 3 semester hours per semester.

Laboratory fee: \$60 per semester.

910 Internship in Biotechnology

Prerequisites: Completion of the core with at least a total of 21 credit hours with a minimum quality point average of 3.0. The performance of laboratory procedures utilizing techniques in biotechnology involved in product development will be practiced at an authorized internship site. Emphasis will be placed upon experiential learning of the multidisciplinary nature of contributing to research and development.

Credit: 3 semester hours.

950 Doctoral Research

Original research leading to the doctoral degree. Restricted to those students whose thesis proposal has been accepted by the Chair of the department. Doctoral students may register for 950 while completing degree requirements. However, upon the successful completion of all formal courses and comprehensive examination, doctoral candidates must register for 950 until the dissertation is completed and the degree is awarded. Not more than 15 credits of 950 will be counted towards the completion of the degree.

Credit: 3 semester hours per semester.

Laboratory fee: \$60 per semester.

Maintaining Matriculation**925 Maintaining Matriculation**

M.S. students who do not register for other courses must register for BIO 925 until all degree requirements are completed and the degree is granted. *No credit. Fees: \$50 per semester; \$60 laboratory; Total \$110 per semester. (Students who do not use laboratory facilities may petition the Chair and the Dean to waive the laboratory fee.)*

940 Maintaining Matriculation

Ph.D. students who have NOT passed their comprehensive exam AND HAVE NOT registered for other courses, must register for BIO 940. May not be taken consecutively for more than two semesters. *No credit. Fees: \$50 per semester; \$60 laboratory; Total: \$110 per semester. (Students who do not use laboratory facilities may petition the Chair and the Dean to waive the laboratory fee.)*

For a complete listing of approved courses, please contact the Dean's office.

Department of Chemistry (CHE)

Programs of Study

B.S./M.S. in Chemistry

The Department of Chemistry offers an intensive, accelerated, combined degree program leading to both the Bachelor of Science and the Master of Science degrees in five years of full-time study. Qualified undergraduates will have completed their sophomore year with a 3.0 cumulative index and a 3.5 index in chemistry applicable to the major. They are enrolled into the program upon application. Provisional acceptance into the program may be granted to exceptional first- and second-year students.

Students enrolled in the B.S./M.S. program matriculate for a total of 147/148 credits. A total of 126/127 credits must be completed by the end of the fourth year, at which time the B.S. degree is awarded. Completion of a thesis and the remaining hours of coursework in the fifth year fulfills the requirements for the M.S. degree. All graduate students must successfully complete CHE 101, 111, 121 and 141.

For more details and advisement about the B.S./M.S. program, students are encouraged to contact the department Chairman at the earliest possible date.

Master of Science**Entrance Requirements**

The undergraduate preparation of the student who expects to undertake graduate work in chemistry is a B.S. in a chemical science. Alternately, a non-chemistry degree student may submit evidence of undergraduate preparation that normally includes courses of eight or more credit hours in each of the following: inorganic chemistry, organic chemistry, analytical chemistry, physical chemistry, general physics. In addition, he/she should be equipped with 6 credits of mathematics, including differential and integral calculus. Where there is a deficiency, the department Chair will determine what basic courses the student must make up to matriculate for an advanced degree in chemistry.

This program affords an opportunity for original investigation in a specialized field.

Program Requirements

1. *Program:* The Master of Science degree can be fulfilled in either of two ways. Students who elect to undertake a thesis as partial fulfillment of the degree requirements must complete a total of 30 credits, comprised of 24 lecture credits and six research credits. Students who elect to meet degree requirements without undertaking a thesis must complete a total of 33 credit hours and pass a comprehensive exam.

2. *Required Courses:* All students must pass Chemistry 101, 111, 121 and 141.

3. *Research:* Students in the thesis program must take Chemistry 900, Master's Research (six credits). This sequence of courses requires the completion of a research problem by the student under the supervision of a staff member and the presentation of the results in the form of a written thesis.

The topic of the research must be approved by the research advisor, the Chair and the Dean. All work must be done at the University. In rare cases, permission may be obtained from the Dean to carry out a portion of the work outside the University.

4. *Comprehensive Examination:* A written comprehensive examination is required of students in the non-thesis program. In the thesis program an oral comprehensive examination is given which includes defense of the thesis.

Assistantships

A limited number of graduate assistantships are available for qualified students. Graduate assistants supervise undergraduate laboratory activities. In return the graduate assistantships carry a stipend and provide tuition remission. All applicants for graduate assistantships must submit Graduate Record Examination GRE scores (both general and subject area) with their applications.

Foreign-born students applying for assistantships, who have not received a US degree are also required to present evidence of proficiency in English such as TOEFL test scores.

Courses

To accommodate students employed in industry and education, all classes begin at or after 6 p.m. on weekday evenings.

101 Instrumental Methods of Analysis*

A lecture and laboratory course on the application of modern physical and chemical techniques to chemical analysis. Emphasis is placed on the unifying principles underlying analog and digital data acquisition and evaluation.

Credit: 3 semester hours. Laboratory fee: \$60.

103 Computer Applications in Science*

Designed to prepare graduate students to fully utilize computer technology through the understanding of commercial software, internet searching. *Credit: 3 semester hours.*

111 Advanced Inorganic Chemistry*

Descriptive chemistry of the representative elements and of some of the more common transition metals. *Credit: 3 semester hours.*

121 Advanced Organic Chemistry*

The structure, energetics and reactivity of organic compounds are discussed in detail and are explored through discussions of Molecular Orbital Theory, advanced conformational analysis and stereochemistry. *Credit: 3 semester hours.*

141 Chemical Thermodynamics*

The laws of thermodynamics with chemical applications. Heat work, thermochemistry, entropy, free energy, chemical potential, chemical equilibrium. *Credit: 3 semester hours.*

145 Physical Chemistry of Macromolecules*

Biophysical chemistry and physical polymer chemistry are united into a single course of study. Key concepts and principles of both fields will be investigated.

Credit: 3 semester hours.

202 Separation Techniques in Chemistry

The underlying unity of differential migration techniques applicable in the fields of chemistry, biology and the pharmaceutical sciences, is the basis for this course. Current instrumentation and new trends in separations will be discussed. *Credit: 3 semester hours.*

214 Bioinorganic Chemistry

The role of inorganic elements in compounds found in living systems. Topics covered include the role of metals in the biological electron transfer reactions, oxygen transport, enzymes, metal uptake, toxicity of metals and chemotherapy. *Credit: 3 semester hours.*

224 Mechanisms of Organic Reactions

Aliphatic nucleophilic substitution, intramolecular cationic rearrangements, carbanions, carbenes, electrophilic aliphatic substitution, addition and elimination reactions, reactions of carbonyl compounds and radical reactions.

Credit: 3 semester hours.

227 Organic Spectroscopy

The principles of infrared, nuclear magnetic resonance, ultraviolet and visible spectroscopy and mass spectrometry are presented. The primary emphasis is on spectral interpretation and structure determination.

Credit: 3 semester hours.

231 Chemistry of Organometallic Compounds

The preparation, structure and reaction chemistry of transition metal organometallic compounds. The chemistry of ligands possessing a metal to carbon bond is examined. Mechanisms for achieving various organometallic transformations are also discussed. *Credit: 3 semester hours.*

233 Stereochemistry of Carbon Compounds

Chirality, optical activity, configurational and conformational stereoisomerism in acyclic and cyclic carbon compounds, geometrical isomerism, methods of determination of configuration and conformation are discussed.

Credit: 3 semester hours.

236 Natural Products

The structure, synthesis, reactions and biosynthesis of the most important naturally occurring organic compounds are developed.

Credit: 3 semester hours.

237 Bioorganic Chemistry

This course provides an understanding of biological systems at the molecular level by applying the principles of Organic Chemistry.

Credit: 3 semester hours.

238 Advanced Organic Synthesis

An in-depth study of modern synthetic methodologies, incorporating the elements of functional group transforms, mechanism, stereochemistry, conformational control and strategy. *Credit: 3 semester hours.*

239 The Development of Modern Organic Chemistry

This course portrays the flow of events, those discoveries, theories and techniques of the last 200 years, which brought organic chemistry to its present-day dramatic vigor.

Credit: 3 semester hours.

242 Reaction Kinetics

This course involves the detailed study of the rates of chemical reactions, treatment of experimental data, theories of simple reactions and mechanisms of complex reactions.

Credit: 3 semester hours.

249 Quantum Chemistry

Exact solution to the Schrodinger equation for simple systems and methods of approximation for more complex systems. The application of wave mechanics to problems of chemical bonding. *Credit: 3 semester hours.*

250 Electronic Spectra and Group Theory

Theory of electronic and vibrational transitions in molecules and the spectra resulting from these transitions. Detailed discussion of group theory related to the determination of selection rules in molecular spectroscopy. *Credit: 3 semester hours.*

255 Chemical Bonding

Introduction to a quantitative understanding of chemical bonding with applications to atomic and molecular systems. The development and application of mathematical tools for classical and quantum mechanical description of molecular phenomena. *Credit: 3 semester hours.*

260 Independent Study

Experimental research is performed under the guidance of a faculty member. Permission of the Chairman required.

Credit: 3 semester hours. Laboratory Fee \$60.

900 Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the master's degree requirements. Students enrolled in the thesis program are obliged to complete six credits of master's research. An approved research plan is required prior to registration for this course. *Credit: 3 semester hours per semester. Laboratory fee: \$60 per semester.*

925 Maintaining Matriculation

M.S. students who do not register for other courses must register for 925 until all degree requirements are completed and the degree is granted. *No credit. Fees: \$50 maintaining matriculation; \$60 laboratory; total: \$110 per semester. (Students who do not use laboratory facilities may petition the Chair and the Dean to waive the laboratory fee.)*

OTHER COURSES TO BE OFFERED AS NEEDED****262, 263 Special Topics in Organic Chemistry****264, 265 Special Topics in Physical Chemistry****266, 267 Special Topics in Inorganic Chemistry****268, 269 Special Topics in Analytical Chemistry**

** Students are encouraged to request the inclusion of any of the above topics in the departmental offerings.

For a complete listing of approved courses, please contact the Dean's office.

**Also open to qualified undergraduates.*

Department of English (ENG)

Programs of Study

The English department offers a wide range of traditional and interdisciplinary courses in literature, theory, writing and pedagogy. All of our graduate courses are small, seminar-style gatherings featuring close, one-on-one contact between faculty and students. The curriculum offers ample opportunities to engage in literary scholarship, critical theory, interdisciplinary research and cultural studies. The Department of English offers three graduate degree programs: the combined BA./M.A. program, the Master of Arts and the Doctor of Arts. The department also sponsors a student-edited journal, *The St. John's Humanities Review*.

B.A./M.A. in English

The department offers an intensive, accelerated combined degree program leading to both the B.A. and M.A. degrees in five years of full-time study. Students who have been accepted into the program take one graduate course each semester of their junior and senior years; this course counts toward both the B.A. and M.A. degrees. In the fifth year students take the remaining seven graduate courses needed to complete the degree; in their final semester students fulfill the portfolio requirement, described below.

Entrance Requirements

Qualified undergraduates who have completed their sophomore year with a 3.0 cumulative index and a 3.5 for 12 credits in English are encouraged to apply. One to two letters of recommendation from faculty who teach in the English graduate program are required.

Program Requirements

Students in the B.A./M.A. program matriculate for a total of 147 credits, 33 of which must be at the graduate level. Students who choose the thesis option must complete three credits of ENG 900 Master's Research. Students choosing the non-thesis option complete three credits of coursework in lieu of ENG 900. After completion of the baccalaureate degree, students must enroll full-time on the graduate level for the fifth year.

Master of Arts (M.A.)

The M.A. Program in English is designed for students who seek a broad yet intensive engagement with the study of literature, theory and cultural studies. Our M.A. students receive fellowships for doctoral study at prestigious universities, go on to law school, establish careers in publishing and editing and obtain tenure-track middle school and high school teaching positions.

The Master's program offers seminars in the major periods (medieval, early modern, Restoration, Victorian, 19th-century American, modern, contemporary and postcolonial), plus many interdisciplinary and cross-disciplinary courses. Instead of comprehensive exams, all students submit a portfolio in their final semester, containing representative essays and a critical synthesis of their work while in the program. Students have the option of writing a graduate thesis, or taking an additional three credits of coursework.

Entrance Requirements

Students entering the M.A. program must present at least 24 credit hours of undergraduate preparation in English with a GPA of 3.0 or better. All students must submit acceptable scores for the Graduate Record Examinations (GRE) General Test; the Subject Test is not required.

Assistantships

A limited number of Graduate Assistantships are available on a competitive basis to all qualified full-time applicants. Interested students should submit to the Chair two letters of recommendation from current English faculty. All applicants, with the exception of students already enrolled in the BA./M.A. program, apply for graduate assistantships through the Graduate Office.

Program Requirements

Students must take a minimum of 33 credit hours. (Students receiving Graduate Assistantships will be compensated up to but not beyond 33 credits.) Students can choose the thesis program or the non-thesis program. Those wishing to pursue the thesis program take a minimum of 30 credits, plus English 900 (Master's Research) for 3 credits. Students choosing the non-thesis program take 33 credits of coursework.

The only course required of all M.A. students is ENG 100, Modern Critical Theories, which should be taken during the student's first year of study. Otherwise, students are free to choose courses that suit their needs and interests. All courses in the English graduate curriculum are open to students in the M.A. program.

Students must submit a portfolio project in their last semester of study. This portfolio takes the place of comprehensive exams and it serves as the capstone project in the Master's program. The portfolio consists of three representative papers from three different courses, each further revised according to the professor's instructions and suggestions.

Accompanying the portfolio is a 10-page critical overview in which the student offers a critical synthesis of her work in the program, referring to the portfolio essays and their revision as indication of the student's growth as a reader, scholar and writer. A committee comprised of two or three members of the department evaluates these portfolios.

Doctor of Arts (D.A.)

The D.A. Program in English is designed for students who desire more in-depth study in literature, theory, interdisciplinary and cultural studies and pedagogy. Our D.A. students have obtained tenure-track jobs in four-year colleges and universities, two-year colleges and secondary schools. Students have also used the degree to secure positions in publishing, editing, public relations and college-level administration.

The D.A. degree emerged in the 1960s and 1970s as a companion to the Ph.D. The intention of the degree was to combine opportunities for traditional scholarship with an added emphasis on pedagogical training and research to prepare candidates for teaching in four- and two-year colleges. Interest in our D.A. program continues to grow, particularly among full-time middle school, secondary school and college faculty living and working in the tri-state metropolitan area, who are unable to pursue full-time doctoral study and seek an alternative to the Ed.D. degree. The program is designed to enhance the credentials of those who are or wish to become professional educators at the secondary and college level.

The Doctor of Arts program offers seminars in the major periods (medieval, early modern, restoration, Victorian, 19th-century American, modern, contemporary and postcolonial), plus many interdisciplinary courses. After completion of all coursework, students, in consultation with department faculty, design three individualized exam areas in fields the student wishes to claim as areas of specialization. Following successful completion of the exams, the student works with a committee of three or more faculty on a dissertation, to be defended orally.

Entrance Requirements

1. Applicants must present verification of their completion of a bachelor's degree, with a minimum of 24 credits in English or American literature.
2. Applicants must possess at least a cumulative G.P.A. of 3.0 and a 3.5 in English courses.
3. Applicants must submit acceptable scores for the Graduate Record Examinations (GRE) General Test. The subject GRE Test is not required.
4. Applicants possessing a Master's Degree with at least 15 graduate credits in English and an index of at least 3.5 in these courses will receive advanced standing, as determined by the Department's Admissions Committee and the Dean.
5. Applicants must submit three letters of recommendation, two of which need to be academic letters attesting to the applicant's work as a student. Applicants must also submit a recent sample of written work, as well as a personal statement detailing the student's professional goals.

Fellowships

The Department offers a limited number of research fellowships on a competitive basis to all qualified full-time applicants. Interested applicants must apply for a fellowship through the Graduate Office.

Program Requirements

1. The D.A. degree entails 48 credits of coursework, 6 credits of Teaching Internship and 6 credits for writing the dissertation (Doctor of Arts Research). Applicants who apply with a M.A. or M.F.A. in English can have up to 12 credits waived. Applicants with prior teaching experience can also have the Teaching Internship waived. Students in the program must maintain a minimum GPA of 3.0; courses for which the student receives a grade lower than a "B" will not count towards the degree.
2. Students must take ENG 100 Modern Critical Theories, ENG 110 Introduction to the Profession and ENG 120 Composition Theory and the Teaching of Writing. The student determines all remaining courses.
3. All students must demonstrate proficiency in a foreign language by obtaining a grade of "B" or higher in an advanced college-level language course; by satisfactory scores in ETS or other University-approved language exams; or by completing a two-semester reading course offered by the Department of Languages and Literatures.
4. A student will be evaluated at the completion of 24 credit hours of graduate work to determine whether or not he or she is qualified to continue in the program.
5. Doctoral students will satisfy the University Residency Requirement by completing 24 credits in two years.

6. Upon successful completion of coursework, students must pass the comprehensive examination. The student selects three graduate faculty to serve on his or her exam committee, who then work closely with the student to design three individualized exams centered around three areas of specialization determined by the student. The student, in consultation with on his or her committee, assembles a reading list of approximately twenty-five books and critical essays for each of the three exam areas. In addition to serving as an opportunity for the student to demonstrate her mastery in these exam areas, the comprehensive exam serves as a means by which the student can begin preliminary research for the dissertation.
7. After successfully completing the comprehensive examination, the student will undertake the dissertation for a minimum of six credits (ENG 975) each semester until the dissertation is successfully defended. Students select a topic that will enable them to apply their learning to an original problem in contemporary scholarship, criticism, pedagogy or the profession in general. An academic mentor and a committee of readers are selected by the student to guide his or her research and review the progress of the dissertation. The completed dissertation must be defended in an oral examination before the committee and must be approved by the Dean.

Select Courses

Theory, Pedagogy and the Profession

100 Modern Critical Theories

An exploration of key developments in literary and cultural theory, with particular focus on developments in the 20th century.

110 Introduction to the Profession

This course examines the history of higher education in the United States and the emergence of English studies as a specialized academic discipline.

120 Composition Theory and the Teaching of Writing

An examination of the major theories in the field of composition and their relevance for the teacher of writing.

130 Theories of Literacy

This course looks at the many different ways in which the term "literacy" has come to be defined, categorized, co-opted and politicized.

140 Topics in Theory

Beginning with Freud and ending with modern debates around pornography, this course traces the centrality of sexuality in theories of subjectivity, culture and history. Major thinkers included on the syllabus are Freud, Lacan, Foucault, Irigaray, Butler and MacKinnon.

Medieval

210 Medieval Literature in Historical Contexts

This course is designed to help students of medieval literature meet the challenge of history. We will learn how to research relevant historical information and construct historical contexts in which to study literary texts.

220 War and the Culture of Chivalry

In this course we will examine the discourse of war and chivalry for nobles, especially in the later Middle Ages.

230 Chaucer

A close reading of Chaucer's *Canterbury Tales* and *Troilus and Criseyde*, the *House of Fame* and minor poems.

250 Medieval Drama

The early roots of medieval drama, starting with the *quem quaeritis* tradition, moving into mummings, mystery cycles, morality plays and perhaps a few early early modern plays.

260 Medieval Romance

While many think of medieval romance as a genre in which dashing knights rescue damsels in distress, this class examines the larger social and cultural contexts behind the production of these texts in the late 12th and 13th centuries.

Early Modern

300 Shakespeare and Early Modern Studies

This course teaches Shakespeare through the scholarly and intellectual trends that are currently shaping early modern studies, many of which began as responses to existing paradigms in the study of Shakespeare.

340 Spenser and the Elizabethan Renaissance

The course considers the literary construction of the "Golden Age" of Queen Elizabeth I through close attention to two of Elizabeth's most devoted and influential literary courtiers: Edmund Spenser and Sir Philip Sidney.

380 Studies in Early Modern Literature and Culture

"Don Quixote and the Invention of Modern Reading"

This seminar covers significant issues in early modern literature and culture, including new and emerging fields of study and reconsiderations of existing paradigms.

Restoration and 18th Century

400 The Novel to 1800

A representative sampling of early novels in both their high and low culture manifestations, including criminal biography, romances, travel narratives as well as traditionally canonical writers like Richardson, Fielding and Defoe.

450 Topics in Restoration and Eighteenth-Century Literature

This course seeks to understand why deliberations of sex, intimacy, and the body recur with such force in English literature from 1660-1770. We pursue this question across genres, reading poetry, non-fiction prose, novels, and "pornographic" literature of the period.

19th-Century British

520 The 19th-Century Novel

Few cultural forms have achieved such a balance between mass popularity and aesthetic complexity as the novel of the nineteenth century; it is modernity's most characteristic literary form.

540 Science, Poetry and Prose in Victorian England

This course explores a time when the disciplinary boundaries that separate literature and criticism from science had not solidified into their modern form.

570: Monumental Form: Eliot, Dickens, Trollope

Nineteenth-century large-scale fiction: its formal properties and its place in a society where monumentality itself was rapidly becoming a value; its relation to an increasingly "massified," organized civil society and expansionist national/imperial agendas; and its relation to other art forms where scales of form were expanding.

American to 1900

615 Colonial Literature

A survey of the colonial literature of the eastern seaboard of the U.S. The course will discuss Native American contact, missionary work and Puritan immigration and the literature of geographical exploration.

635 Gender and 19th-Century American Literature

The identification of men with the public sphere and women with the private sphere posed an artificial divide on American culture in the 19th century: polarizing men and women, male spaces and female spaces, romantic literature and domestic literature.

640 Transcendentalism: Art and Reform

A close examination of the Transcendentalist movement, focusing on Emerson, Fuller, Thoreau and Whitman. Readings will also include Melville's *Pierre* and Hawthorne's *Blithedale Romance*.

660 19th-Century African-American Literature

A study investigating the role of the slave narrative as the ur-text of the African-American literary tradition. Readings to include Olaudah Equiano's transatlantic narrative of antislavery consciousness; narratives by Douglass and Jacobs; fiction by Brown, Delany, Harper and Hopkins.

670 Topics in American Studies

This course examines the most controversial figure of the revolutionary era, Thomas Jefferson.

Twentieth Century

725 Modern Drama

A study of the major dramatists who broke with the traditions of the 19th Century to create a new drama which was innovative in form and subject matter.

730 Literary Modernism

Modernism in the arts is best approached as a series of responses to the intellectual, political and scientific developments of modernity.

735 Harlem Renaissance

The Harlem Renaissance represented a prolific period of African American literature, music, art, and scholarship that followed World War I and lasted into the 1930s. This course examines the Harlem Renaissance as a cultural and political movement in relation to both international modernism and African American literary history.

750 Contemporary Drama

A survey of the contribution of major playwrights whose work became known after World War II as well as those who influence currents in the theater of our time.

755 Topics in African American Literature

This course explores the representation of jazz in African American poetry, fiction, drama and criticism, from the Harlem Renaissance to the present.

760 Postcolonial Literature

Novels, short stories and poems by women from Botswana, Egypt, India, Ireland, New Zealand and Nigeria, along with some important critical essays on feminism and postcolonialism by Trinh T. Minh-Ha, Gayatri C. Spivak and others.

765 American Ethnic Literatures

We will explore some of the main themes and issues that are critical to the study of ethnic American literature: authenticity, representation, appropriation, etc.

770 Studies in 20th-Century American Literature and Culture

This course explores 1920s New York City as a metropolitan site of cultural hybridity and emergent modernisms.

775 Topics in 20th-Century British Literature and Culture

We will read Joyce's *Ulysses*. No single text comprehends as many themes and styles that define a period as this one does and to read *Ulysses* well is to begin a serious study of modernism at its most intense and extensive.

Interdisciplinary and Cultural Studies

820 The Christian Imagination

The Christian imagination begins with a meditation on the Incarnation and its implications for human experience. Writers to be studied include Augustine, Dante, Rabelais, Swift, Dostoyevsky and Joyce.

835 Modernism and the Fascist Aesthetic

This course will trace the growth of the Fascist and Nazi aesthetic out of the fertile soil of Modernism and identify parallels and continuities between the aesthetics of Modernism and Fascism.

861 Art and Propaganda

A course on the political uses of literature, the fine arts, and film—from the rise of Napoleon to the collapse of Nazi Germany. Readings and discussion will be supplemented by slides, films, and visits to the Metropolitan Museum, MoMA, the Guggenheim and the Neue Galerie.

865 Feminist Theory

This course will look at the shape of feminist literary theory from its early arrival in the 1970s, its subsequent interfaces with post-structuralism and psychoanalysis, through its current interactions with other approaches like postcolonialism and critical race theory.

870 Writing Theory/Writing Practice

This seminar will focus on reading contemporary poetry and theories of its production. We will also explore forerunners who have offered suggestive models for contemporary writing practice.

876 Writing Nonfiction

A workshop approach to writing nonfiction in a variety of genres: personal essay, literary journalism, memoir, travel writing, editorial, oral history, and various experimental and multimedia forms.

885 Postmodernism

This course examines the notion of postmodernism as name, style and period. Is there something distinctive about culture after World War II? Why? How does this relate to a mindset of the "postmodern?"

For a complete listing of approved courses, please contact the Dean's office.

880 Topics in Interdisciplinary Studies

This course will explore the diverse ways in which the body has been analyzed, viewed, exhibited, adjudicated and objectified, in literature, law, psychology, medicine, photography and politics in the US in the late 19th- and early 20th- centuries.

Special and Research Courses

900 Master's Research

910 Readings and Research

920 Maintaining Matriculation, M.A.

930 Maintaining Matriculation, D.A.

975 Doctor of Arts Research

For a complete listing of approved courses, please contact the Dean's office.

For more information, go to www.stjohns.edu/english.

For the St. John's Humanities Review, go to www.stjohns.edu/english/humanities.

Department of Government and Politics (GOV)

Entrance Requirements

For admission to graduate studies in Government and Politics, students are expected to have an undergraduate preparation of at least 24 hours in the field. In lieu of this, subject to departmental review, students may be accepted with Special Student status, provided that some of the above number of hours are in related fields.

Programs of Study

A Master's program in Government and Politics with concentrations in:

1. American Government
2. International Relations and Comparative Government
3. Political Theory
4. Public Administration

Master of Arts

The department offers two options in the M.A. program:

NON-THESIS OPTION – requires a minimum of 33 semester hours in coursework, including GOV 205 (which must be completed during the first year of matriculation). After the field of concentration has been chosen, the remainder of the program must be arranged with the student's advisor. At least 12 semester hours in the field of concentration must be taken. Of the remaining 21 hours, students whose field of concentration is American government or public administration must take at least three hours in international relations and comparative government and three hours in political theory. Students whose field of concentration is international relations and comparative government must take at least three hours in either American government or public administration and three hours in political theory. Students whose field of concentration is political theory must take at least three hours in international relations and comparative government and three hours in either American government or public administration. The student in the non-thesis program is not required to demonstrate competency in a foreign language.

THESIS OPTION – requires a minimum of 33 semester hours in coursework, including GOV 205 (which must be completed during the first year of matriculation) and two semesters of Master's Research (900). After the field of concentration has been chosen, the remainder of the program must be arranged with the student's advisor. At least 12 hours in the field of concentration must be taken. Of the remaining

18 hours, students whose fields of concentration are American government or public administration must take at least three hours in international relations and comparative government and three hours in political theory. Students whose field of concentration is International relations and comparative government must take at least three hours in either American government or public administration and three hours in political theory. Students whose field of concentration is Political Theory must take at least three hours in international relations and comparative government and three hours in either American government or public administration. In addition, students must present evidence of their knowledge of a foreign language (normally either French or German) by passing the ETS examination or a reading course in the appropriate language, for which no credit is given. Upon approval of the department and the Dean, a language other than French or German may be substituted if such substitution is deemed desirable because of the nature of the student's special field. Under the guidance of the mentor, the student must prepare a satisfactory thesis on a subject in his/her field of concentration.

COMPREHENSIVE EXAMINATIONS —

Students pursuing a degree under either option are required to complete comprehensive examinations which test the student's knowledge in his/her field of concentration and in one minor field. To register for the exam, students must complete the Graduate School application and meet with the Chair by the posted deadlines. Further information can be found under the section headed "comprehensive examination" in this bulletin.

M.A. in International Relations: Rome campus

The Department of Government and Politics offers students the opportunity to complete the M.A. degree with a focus on international relations and comparative government at the University's Graduate Center in Rome. The program in Rome requires a minimum of 33 semester hours in course work, including GOV 205. International courses may be selected from the following categories: comparative politics, international law and diplomacy, international political economy, international relations and research methods and political theory. Students may complete the International Law and Diplomacy Certificate program along with or in lieu of their M.A. degree.

Certificate Programs

The department offers one certificate program in *public administration* and another in *international law and diplomacy*. Students may find one or both of these certificates useful in establishing evidence of completion of such courses for employment or other purposes. The certificates can be obtained independently or as a complement to the M.A. Students who

have already completed their M.A. degree in the department may continue to study for the certificates.

Public Administration

Matriculated and special students who have successfully completed 18 semester hours in public administration (including GOV 215) will be issued a Certificate in Public Administration upon application to the department. GOV 215 is required for all students applying for the Certificate in Public Administration.

International Law and Diplomacy

Matriculated and special students who have successfully completed 18 semester hours of appropriate courses in international relations and comparative politics will be issued a Certificate in International Law and Diplomacy upon application to the department. A minimum of six of the 18 credit hours must be taken from International Law and Diplomacy courses (GOV 271, 341, 343, 344).

Combined Certificates

Students who desire to earn both the Certificate in Public Administration and the Certificate in International Law and Diplomacy may utilize six credits toward both certificates providing the courses are from among Government 188, 189, 290 and 293. Thus, a total of 30 credits is the minimum needed to earn both certificates. Courses should be selected after consultation of this bulletin and with an academic advisor.

Combined Degree Programs: Graduate

M.A./J.D. Program

In conjunction with the School of Law, the department offers a combined M.A./J.D. program. At the end of three years of graduate study, including at least one summer, students may graduate with both the Master of Arts and the Juris Doctor degree. To be eligible, students must apply for the combined degree program after having been accepted to both the Graduate and Law Schools.

Students must apply separately to the School of Law and the Graduate Division of Arts and Sciences, normally during the senior year and must meet all regular requirements for admission to both the School of Law and the Graduate Division of Arts and Sciences as set forth in the respective school bulletins.

Students currently enrolled in the School of Law also may apply prior to completion of their second year of study. These students, however, may have to spend at least an additional semester of full-time M.A. study. Students currently enrolled in the Graduate Division of Arts and Sciences may also apply for this combined degree program.

The Deans of both schools must approve the course of study for all students accepted to the M.A./J.D. program.

Students, in consultation with the M.A./J.D. Committee and the approval of the Dean of the Graduate Division of Arts and Sciences, may apply up to nine credits taken as part of the Law School curriculum toward the M.A. degree. Alternately, in consultation with the M.A./J.D. Committee and the approval of the Dean of the School of Law, students may apply up to nine credits taken in the Department of Government and Politics toward credits required for the J.D. degree.

In planning a course of study suitable for each student, the following shall apply:

1. Students will not enroll in any M.A. courses during their first year of study in the School of Law.
2. Satisfactory progress in the School of Law shall also satisfy the M.A. residency requirement.
3. Students will be obliged to take a total of at least three credits of government and Politics graduate study during each of the fall and spring semesters of their second year and third years of law school studies (12 credits minimum). Over two summers they may take 12 additional credits in Government.
4. All M.A./J.D. students must take the M.A. Comprehensive Examination in Government and Politics no earlier than the last semester of coursework and within one year of the completion of all coursework, language and residence requirements.

| | J.D. Program | M.A. Program (Thesis) | M.A. Program (Non-thesis) |
|--------------------------------|-----------------|-----------------------------|---------------------------------|
| J.D. Credits | 75 | – | – |
| M.A. Credits | – | 21 | 24 |
| Credits toward both degrees | 9 OR 9 | 9 | 9 |
| Totals: | 84 | 30 | 33 |

Students electing the thesis option matriculate for a minimum of 105 credits to satisfy degree requirements; those following the non-thesis program will complete at least 108 semester hours for their combined degree program.

M.A./M.L.S. Program in Government and Politics/Library Science

Under the administration of the Graduate Division of Arts and Sciences, the Department of Government and Politics and the Division of Library and Information Science offer a joint program of study leading to the Master of Arts in Government and Politics and Master of Library Science degrees. Depending upon the option chosen, students complete a total of 57 credits (thesis or non-thesis) rather than the 69 credits (thesis or non-thesis) usually required.

The combination of the two M.A. programs will provide students with the opportunity to integrate two complementary bodies of knowledge: government and politics and library science. The graduate program in government and politics will supplement the grad-

uate program in library science by broadening and deepening a student's understanding of the governmental structure, institutions, public administration and the political/legal processes, while at the same time mastering contemporary means of accessing and utilizing related information.

Admission Requirements

Students must meet the requirements of admission to both the Master of Arts in Government and Politics and the Master of Library Science programs as set forth in their respective sections of this bulletin.

Program

All M.A./M.L.S. students will complete curriculum requirements for each degree with four courses (12 credits) applying to both programs.

These exchange courses include:

| | |
|---------|---|
| GOV 205 | Modern Political Research Concentration |
| LIS 251 | Information Sources in the Social Sciences |
| LIS 265 | Online Database Searching and Services |

All students must complete written comprehensive examinations in both areas.

Combined Degree Programs: Undergraduate/Graduate

B.A./M.A. in Government and Politics

The department 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 60 credits at the end of their sophomore year with a 3.0 cumulative index and a 3.5 index for 12 credits in government and politics are encouraged to apply.

Students enrolled in the thesis program matriculate for a total of 144 credits (33 on the graduate level), including six credits of Master's Research. Students electing the non-thesis option must complete a total of 144 credits (33 on the graduate level). After completion of the B.A. requirements, the student must enroll full time on the graduate level for the fifth year. For specific information, students may consult the Chair.

**B.S. in Communication Arts/
M.A. in Government and Politics**

The College of Professional Studies and the Graduate Division of Arts and Sciences offer an intensive, accelerated, combined degree program leading to the B.S. in Communication Arts and the M.A. in Government and Politics within five years of full-time study.

Qualified undergraduate students who have completed 60 credits at the end of their sophomore year with a 3.0 cumulative index, a 3.5 index in their major, and 12 credits in government and politics courses are encouraged to apply.

Students enrolled in the thesis program must complete a total of 153 credits (33 on the graduate level, including six credits of Master's Research). Students selecting the non-thesis option must complete a total of 153 credits (33 on the graduate level). After completion of the B.A. requirements, the student must enroll full time on the graduate level for the fifth year. For specific information, students may consult the Chair.

**B.S. in Criminal Justice/
M.A. in Government and Politics**

The College of Professional Studies and the Graduate Division of Arts and Sciences offer an intensive, accelerated, combined degree program leading to the B.S. in criminal justice and the M.A. in Government and Politics within five years of full-time study.

Qualified undergraduate students who have completed 60 credits at the end of their sophomore year with a 3.0 cumulative index, a 3.5 in their major, and 12 credits in government and politics courses are encouraged to apply. Criminal Justice courses (ordinarily CRJ 1001, PSC 1001 and two CRJ electives) are encouraged to apply.

Students enrolled in the thesis program must complete a total of 147 credits (33 on the graduate level, including six credits of Master's Research). Students selecting the non-thesis option must complete a total of 147 credits (33 on the graduate level). After completion of the B.A. requirements, the student must enroll full time on the graduate level for the fifth year. For specific information, students may consult the Chair.

**B.S. in Health Services Administration/
M.A. in Government and Politics**

The College of Professional Studies and the Graduate Division of Arts and Sciences offer an intensive, accelerated, combined degree program leading to the B.S. in Health Services Administration and the M.A. in Government and Politics within five years of full-time study.

Qualified undergraduate students who have completed 60 credits at the end of their sophomore year with a 3.0 cumulative index, a 3.5 in their major, and 12 credits in government and politics courses are encouraged to apply.

Students enrolled in the thesis program must complete a total of 153 credits (33 on the graduate level, including six credits of Master's Research). Students selecting the non-thesis option must complete a total of 153 credits (33 on the graduate level). After completion of the B.A. requirements, the student must enroll full time on the graduate level for the fifth year. For specific information, students may consult the Chair.

**B.S. in Journalism/
M.A. in Government and Politics**

The College of Professional Studies and the Graduate Division of Arts and Sciences offer an intensive, accelerated, combined degree program leading to the B.S. in Journalism and the M.A. in Government and Politics within five years of full-time study.

Qualified undergraduate students who have completed 60 credits at the end of their sophomore year with a 3.0 cumulative index and a 3.5 index for 12 credits in their major and Government and Politics courses are encouraged to apply.

Students enrolled in the thesis program must complete a total of 150 credits (33 on the graduate level, including six credits of Master's Research). Students selecting the non-thesis option must complete a total of 150 credits (33 on the graduate level). After completion of the B.A. requirements, the student must enroll full time on the graduate level for the fifth year. For specific information, students may consult the Chair.

**B.S. in Legal Studies/
M.A. in Government and Politics**

The College of Professional Studies and the Graduate Division of Arts and Sciences offer an intensive, accelerated, combined degree program leading to the B.S. in Legal Studies and the M.A. in Government and Politics within five years of full-time study.

Qualified undergraduate students who have completed 60 credits at the end of their sophomore year with a 3.0 cumulative index and a 3.5 index for 12 credits in their major and government and politics courses are encouraged to apply.

Students enrolled in the thesis program must complete a total of 147 credits (33 on the graduate level, including six credits of Master's Research). Students selecting the non-thesis option must complete a total of 147 credits (33 on the graduate level). After completion of the B.A. requirements, the student must enroll full time on the graduate level for the fifth year. For specific information, students may consult the Chair.

Financial Aid Opportunities

In addition to the graduate assistantships provided to the department by the University, students who are currently employed by a local, municipal, state, or federal agency on the management level are encouraged to apply for the Special Graduate Scholarship program. To be eligible, applicants must be accepted to the M.A. program in Government and Politics as matriculated students and remain in the employ of the public sector for the duration of the scholarship. For further information, students may consult the Chair.

The Alumni Council

In order to maintain a continuing relationship with the department, B.A. and M.A. graduates as well as certificate recipients have created an organization geared to servicing students and alumni. The Alumni Council, operating under an Executive Committee, is divided into four groups reflecting the career choice of the department's graduates: education; legal studies, public service and the private sector. The Council provides student and alumni services, including career guidance, internship opportunities, networking and job placement.

Courses

The department strives for accuracy with regard to the schedules of courses and their instructors. However, it reserves the right to alter either or both as needs arise. Students are advised to consult the online course listing posted at the start of each pre-registration period.

Listed By Area of Concentration

Required Courses:

205 Modern Political Research 3 cr.

I. American Government

140 The Federalist Papers 3 cr.

145 American Governmental Process: The Presidency* 3 cr.

146 American Governmental Process: The Legislature* 3 cr.

148 Politics and the Media 3 cr.

157 American Foreign Policy 3 cr.

183 The Puerto Rican Contribution to American Society* 3 cr.

195 American Constitutional Development I* 3 cr.

196 American Constitutional Development II* 3 cr.

198 American Political Parties and Interest Groups 3 cr.

218 Public Policy—American 3 cr.

233 Constitutional Law: The Three Branches 3 cr.

234 Constitutional Law: The Bill of Rights 3 cr.

239 Municipal Government and Administration 3 cr.

241 State and Local Government 3 cr.

335 Legislative Internship Program I 3 cr.

336 Legislative Internship Program II 3 cr.

364 American National Security Policy 3 cr.

369 Seminar: Constitutional Law 3 cr.

II. International Government Relations and Comparative Government

131 Politics of the Middle East 3 cr.

133 Contemporary Far Eastern Governments and Politics 3 cr.

135 Contemporary Eastern European Governments and Politics* 3 cr.

137 Government and Politics of Latin America* 3 cr.

150 Politics of Nationalism and Ethnicity 3 cr.

153 International Organization 3 cr.

156 Global Environmental Politics 3 cr.

157 American Foreign Policy 3 cr.

183 The Puerto Rican Contribution to American Society* 3 cr.

188 Comparative Public Administration* 3 cr.

189 Political and Administrative Problems of Developing Nations* 3 cr.

225 Contemporary Western European Governments and Politics 3 cr.

230 Government and Politics of Russia and the Post-Soviet Republics 3 cr.

250 Politics of Africa 3 cr.

263 Politics of Revolution, War and Terrorism 3 cr.

264 International Politics 3 cr.

271 Theory and Practice of Diplomacy 3 cr.

277 International Political Economy I 3 cr.

278 International Political Economy II 3 cr.

279 Comparative Law 3 cr.

290 Public Administration of Emerging States 3 cr.

291 Great Powers: Russia, China and the United States 3 cr.

293 Administration of International Organizations 3 cr.

341 International Law: Law of Peace 3 cr.

343 International Law: Law of International Transactions 3 cr.

344 International Law: Law of War and Neutrality 3 cr.

346 Seminar: Dictatorship 3 cr.

347 Seminar: Special Topics in Developing Areas 3 cr.

364 American National Security Policy 3 cr.

III. Political Theory

140 Federalist Papers 3 cr.

162 Modern Political Ideologies 3 cr.

174 Ancient Political Theory 3 cr.

175 Modern Political Theory 3 cr.

176 Politico-Religious Mass Movements 3 cr.

220 American Political Thought: The Formative Period 3 cr.

221 American Political Thought Since 1820 3 cr.

280 Marxism-Leninism 3 cr.

376 Seminar: Political Theory 3 cr.

IV. Public Administration

163 Ethical Problems in Government and Public Administration 3 cr.

181 Principles of Public Administration* 3 cr.

182 Public Personnel Administration* 3 cr.

184 Introduction to Organization Development 3 cr.

188 Comparative Public Administration* 3 cr.

189 Political and Administrative Problems of Developing Nations* 3 cr.

190 Labor Relations and Collective Bargaining in Government* 3 cr.

192 Public Finance and Budget Administration* 3 cr.

210 Scope and Methods of Political Science and Public Administration 3 cr.

215 Research Methods and Quantitative Analysis 3 cr.

218 Public Policy—American 3 cr.

235 Internship in Public Administration I 3 cr.

236 Internship in Public Administration II 3 cr.

239 Municipal Government and Administration 3 cr.

241 State and Local Government 3 cr.

245 Theories of Public Administration 3 cr.

285 Administrative Law and Government 3 cr.

290 Public Administration of Emerging States 3 cr.

293 Administration of International Organizations 3 cr.

325 Economic Analysis of Public Policy 3 cr.

V. Courses at the Rome Graduate Center

Required Course

205 Modern Political Research 3 cr.

Comparative Politics

133 Contemporary Far Eastern Government and Politics 3 cr.

135 Contemporary Eastern European Governments and Politics 3 cr.

188 Comparative Public Administration 3 cr.

189 Political and Administrative Problems of Developing Nations 3 cr.

225 Contemporary Western European Governments and Politics 3 cr.

230 Government and Politics of the Post-Soviet Republics 3 cr.

279 Comparative Law 3 cr.

290 Public Administration of Emerging States 3 cr.

291 Great Powers: Russia, China and the United States 3 cr.

International Law and Diplomacy

271 Theory and Practice of Diplomacy 3 cr.

279 Comparative Law 3 cr.

341 International Law: Law of Peace 3 cr.

344 International Law: Law of War and Neutrality 3 cr.

International Political Economy

277 International Political Economy I 3 cr.

278 International Political Economy II 3 cr.

343 International Law: Law of International Transactions 3 cr.

International Relations

153 International Organization 3 cr.

156 Global Environmental Politics 3 cr.

157 American Foreign Policy 3 cr.

263 Politics of the Revolution 3 cr.

264 International Politics 3 cr.

364 American National Security Policy 3 cr.

Research Methods

| | | |
|-----|--|-------|
| 210 | Scope and Method of Political Science | 3 cr. |
| 215 | Research Methods and Quantitative Analysis | 3 cr. |
| 218 | Public Policy—American | 3 cr. |

Political Theory

| | | |
|-----|--|-------|
| 162 | Major Political Ideologies | 3 cr. |
| 140 | Federalist Papers | 3 cr. |
| 174 | Great Political Thinkers: Ancient and Medieval | 3 cr. |
| 175 | Great Political Thinkers: Modern | 3 cr. |
| 176 | Politico-Religious Mass Movements | 3 cr. |

VI. Courses Common to All Concentrations

| | | |
|-----|----------------------|--------------------------|
| 357 | Reading and Research | 3 cr. |
| 900 | Master's Research | 3 or 6 cr. each semester |

VII. Additional Courses

| | | |
|-----|---------------------------|-------|
| 420 | Colloquia | 0 cr. |
| 925 | Maintaining Matriculation | 0 cr. |

Courses

205 Modern Political Research

A review of scope and methods in government and politics; an analysis of classical, behavioral and postbehavioral approaches to research; a presentation of major disciplinary research paradigms. *Credit: 3 semester hours. Required for all M.A. students.*

131 Politics of the Middle East

Introduction to the politics of the Middle East and North Africa. It focuses on important domestic, regional and international developments since World War II, and on key issues such as democratization, nationalism and the politics of religion and oil. *Credit: 3 semester hours.*

133 Contemporary Far Eastern Governments and Politics

Modern political developments in the Far East; their constitutional systems; government organizations and political problems; critical study of the factors contributing to the Communist occupation of China. *Credit: 3 semester hours.*

135 Contemporary Eastern European Governments and Politics*

Democratization process and market-reform transition in East and Central Europe, eastward enlargement of the European Union and the impact of the post-communist legacy. *Credit: 3 semester hours.*

137 Government and Politics of Latin America*

A study of the government and politics of modern Latin America; analysis of the formal and informal political structure of the Latin American States; study of contemporary conditions and trends. *Credit: 3 semester hours.*

140 The Federalist Papers

This course examines the intellectual influences and historical setting surrounding the Philadelphia Constitutional Convention. *Credit: 3 semester hours.*

145 American Governmental Process: The Presidency*

An analysis of the power-vectors that impinge upon or emanate from the US Presidency emphasizing the occupant of that office as at once the strongest and the weakest link in the traditional American system of government. *Credit: 3 semester hours.*

146 American Governmental Process: The Legislature*

A systems-analysis of the impact of group-interests on the legislative processes of the US Congress, emphasizing the constitutional, statutory and political checks on factional domination. *Credit: 3 semester hours.*

148 Politics and the Media

The role of the mass media in American politics including theories of political communication, the construction of news, agenda setting, the evolution of the American news media in the electoral and governing process. *Credit: 3 semester hours.*

150 Politics of Nationalism and Ethnicity

Development of the nation-state system and nationalism following the French Revolution; the question of self-determination of peoples; resurgent nationalism, politicization of ethnicity and the break up of states; and the challenges of multiethnic states. *Credit: 3 semester hours.*

153 International Organization

Early ideas of international organization, the development of international organization in the 19th century, the League of Nations, the United Nations and the prospect of World government. *Credit: 3 semester hours.*

156 Global Environmental Politics

The emergence of environment into the political arena and the consequent nature of international relations; sustainable development; the available avenues for cooperation within the international political system. *Credit: 3 semester hours.*

157 American Foreign Policy

Concept of national interest; the nature, instruments and factors influencing American foreign power; institutional actors and examples of contemporary American foreign policy. *Credit: 3 semester hours.*

162 Modern Political Ideologies

An analysis of the Enlightenment, democracy, Marxism-Leninism, nationalism, socialism, facism, Nazism, Zionism, Anarchism, the development of recent ideologies: resurgent nationalism, liberation "theology," Islamic, radical feminism; the ideology of revolution and elitist theory. *Credit: 3 semester hours.*

163 Ethical Problems in Government and Public Administration

Current and recurrent problems and behavior in government; conflict of interest, official disobedience, corruption, deception and security and issues of liberty and morality. *Credit: 3 semester hours.*

174 Ancient Political Theory*

Primarily Plato and Aristotle. Fundamental questions about politics—What is justice? Who should rule? What is citizenship? What is the proper relationship between ethics and politics? *Credit: 3 semester hours.*

175 Modern Political Theory

Traces the development of a modern approach to political life—the break between ethics and politics, emergence of liberalism and modern conservatism, the development of democratic theory. *Credit: 3 semester hours.*

176 Politico-Religious Mass Movements

Political-religious mass movements have a long history. Students are encouraged to apply emerging principles to contemporary movements. Student and lecture presentations. *Credit: 3 semester hours.*

181 Principles of Public Administration

Administration of public agencies; federal, state and local administrative problems; responsibility of the administrator to the public; shifting perceptions of the function of public agencies and administrators. *Credit: 3 semester hours.*

182 Public Personnel Administration

Personnel administrative theory in public agencies, including development of civil service, recruitment, examination, promotion and position classification, discipline and retirement. *Credit: 3 semester hours.*

183 The Puerto Rican Contribution to American Society

Commonwealth structure and services, cultural highlights and problems, educational developments and related items. Puerto Ricans will be investigated through their contributions and difficulties. *Credit: 3 semester hours.*

184 Introduction to Organizational Development

Improving interpersonal communication skills, building awareness of different personality preferences and team-building. Database and spreadsheet computer applications will be introduced. *Prerequisite: Gov 181 or 182, or permission of instructor. Credit: 3 semester hours.*

188 Comparative Public Administration*

Emphasis on general concepts, administration in selected Western European and developing nations; the relationship of culture and political systems to administrative organs and functions. *Credit: 3 semester hours.*

189 Political and Administrative Problems of Developing Nations*

Political and administrative institutions of developing nations; problems of newly developing nations and their bureaucracies; heritage of European and other colonial systems in these nations. *Credit: 3 semester hours.*

190 Labor Relations and Collective Bargaining in Government

Focus on the institutions of collective bargaining in the public sector: its development, structure and process; emphasis on the role of public policy as it relates to public sector bargaining in the United States. *Credit: 3 semester hours.*

192 Public Finance and Budget Administration

Government fiscal policy, taxation, budget policy, government and the economy, budget cycles, budget reform, PPBS, program planning, information systems, zero-base budgeting, capital budgeting. *Credit: 3 semester hours.*

195 American Constitutional Development I*

The sources, framing and development of the US Constitution during the 18th and 19th centuries; historical and social framework of cases and trends; discussion of current problems of interpretation. *Credit: 3 semester hours.*

196 American Constitutional Development II

The sources and development of the US Constitution through the 20th-century historical and social framework of landmark cases and trends; discussion of current problems of constitutional interpretation. *Credit: 3 semester hours.*

198 American Political Parties and Interest Groups

The nature of the two-party system in the U.S.; historical and conceptual development of the American party system; structure and functions of American political parties; electoral politics: nominations, elections and voting behavior. *Credit: 3 semester hours.*

210 Scope and Methods of Political Science and Public Administration

Classical, behavioralist and postbehavioralist paradigms in public administration; approaches to politics including: systems modeling, group theory, structural-functionalism, decision theory, conflict analysis and collective choice theory. *Credit: 3 semester hours.*

215 Research Methods and Quantitative Analysis

Theory construction, research designs, survey methods and statistical techniques; emphasis on the critical evaluation of academic research and professional reports. *Credit: 3 semester hours.*

218 Public Policy—American

An analysis of public policy; the impact of political parties and interest groups on policy; executive and legislative formulation of policy; bureaucratic implementation of policy and policy evaluation. *Credit: 3 semester hours.*

220 American Political Thought: The Formative Period

The colonial era and the Revolutionary and Constitution-making experiences, with emphasis on the writings of individual theorists who illustrate classical principles of political theory. *Credit: 3 semester hours.*

221 American Political Thought Since 1820

Selected major thinkers and movements in regard to Jeffersonian Republicanism, Jacksonian Democracy, Social Darwinism, the Progressive movement and World War I. *Credit: 3 semester hours.*

225 Contemporary Western European Governments and Politics

Comparison of Western European governments in transition from sovereign states and their political, economic and social problems to the member states of the European Union; Western European countries will be discussed. *Credit: 3 semester hours.*

230 Government and Politics of Russia and the Post-Soviet Republics

Political, economic and cultural developments in the postcommunist governments; the Commonwealth of Independent States and the division of power in the post-Soviet Union era. *Credit: 3 semester hours.*

233 Constitutional Law: The Three Branches

Cases and materials dealing with procedural rights. *Credit: 3 semester hours.*

234 Constitutional Law: The Bill of Rights

Cases and materials dealing with substantive rights. *Credit: 3 semester hours.*

235 Internship Program in Public Administration I

Participation in a supervised program of regularly scheduled work and independent research in a government agency under the direction of the faculty and the agency head. *Registration only with permission of the program director. Credit: 3 semester hours.*

236 Internship Program in Public Administration II

Participation in a supervised program of regularly scheduled work and independent research in a government agency under the direction of the faculty and the agency head. *Credit: 3 semester hours.*

239 Municipal Government and Administration

Urbanization in the United States; the socio-economic environment of American urban politics; intergovernmental relations and the city; political party and reform influence on urban governance. *Credit: 3 semester hours.*

241 State and Local Government

American federalism and intergovernmental relations; socioeconomic and regional influences on state politics; interest groups and lobbying in state capitals; the policy effects of the professionalization of state governments. *Credit: 3 semester hours.*

245 Theories of Public Administration

The evolution of public administration theory in the areas of organizational structure, personnel management and interorganizational relations; emphasis on classical, modern and post-modern interpretations of organizational behavior. *Credit: 3 semester hours.*

250 Politics of Africa

Using theoretical constructs from the fields of comparative politics, international relations and political economy, this course introduces students to Africa's political systems, interstate relations and foreign policies. *Credit: 3 semester hours.*

263 Politics of Revolution, War and Terrorism

A comprehensive survey of the political violence within contemporary political systems. *Credit: 3 semester hours.*

264 International Politics

Scope and method of international politics, international political systems; concepts and elements of national power; constraints of national power; balance of power, world public opinion, international law; methods of international politics. *Credit: 3 semester hours.*

271 Theory and Practice of Diplomacy

Nature, development, structure and procedures of diplomacy; functions and qualities of diplomats; process of negotiation; foreign service of major powers; value of diplomacy. *Credit: 3 semester hours.*

277 International Political Economy I

An economic interpretation of international politics with emphasis upon politico-economic relations between the more developed nations within the East-West context; development of the post-World War II Western international monetary system and system of commerce. *Credit: 3 semester hours.*

278 International Political Economy II

An economic interpretation of international politics with emphasis upon politico-economic relations between the developed and underdeveloped countries; the ideological development and foreign economic politics of the emerging nations of the world. *Credit: 3 semester hours.*

279 Comparative Law

A critical examination of the origin, sources and growth of Civil Law, Common Law and Socialist Law; historical and situational factors attending their formation and their influences on diverse societal structures. *Credit: 3 semester hours.*

280 Marxism-Leninism

Hegel, Feuerbach and other major influences on Marx. Analysis of the principal works of Marx-Engels, Lenin and Trotsky; late 20th-century evaluations of Marxism; the continuing influence of Marxism, especially in the academic world. *Credit: 3 semester hours.*

285 Administrative Law and Government

Problems and cases in Administrative Law; the powers and procedures of administrative agencies, including the law concerning judicial review of administrative action; delegation, rule-making adjudication.

Credit: 3 semester hours.

290 Public Administration of Emerging States

Comparative study of public administration in emerging countries including Central and Southern Europe, former Soviet Republics and other states experiencing system transition such as China, Cuba, South Africa and North Korea. *Credit: 3 semester hours.*

291 Great Powers: Russia, China and the United States

Development of great power politics in the post-World War II period and the strategic relationship of Russia (Soviet Union), China and the United States in Asia and the Pacific region. *Credit: 3 semester hours.*

293 Administration of International Organizations

Administration of contemporary international organizations, emphasizing structural and administrative organization and patterns; administrative responsibility, personnel administration, with specific emphasis on the United Nations. *Credit: 3 semester hours.*

325 Economic Analysis of Public Policy

An introduction to micro- and macroeconomic perspectives on public policy, with emphasis on: cost-benefit analysis and its theoretical foundations; problems and programs at the local government level; the impact of public policy on the economy. *Credit: 3 semester hours.*

335 Legislative Internship Program I

Participation in a supervised program of regularly scheduled work and independent research in the office of a legislator or legislative committee under the direction of the faculty. Limited to students accepted into approved legislative internships. Permission of the program director required. *Credit: 3 semester hours.*

336 Legislative Internship Program II

Participation in a supervised program of regularly scheduled work and independent research in the office of a legislator or legislative committee under the direction of the faculty. Limited to students accepted into approved legislative internships. *Permission of the program director required.*

Credit: 3 or 6 semester hours.

341 International Law: Law of Peace

Study subjects of international law: international law, law of recognition of state and government, law of state extinction and succession, rules of international law governing territory, nationality, jurisdiction and state responsibility. *Credit: 3 semester hours.*

343 International Law: Law of International Transactions

Agents of international intercourse, treaties and other international agreements, pacific settlement of international disputes and forcible measures of redress short of war; comprehensive case studies. *Credit: 3 semester hours.*

344 International Law: Law of War and Neutrality

Development and sources of the laws of war and neutrality; legal effects of war in general; rules and regulations governing land warfare, air warfare and maritime warfare; neutral rights and duties. *Credit: 3 semester hours.*

346 Seminar: Dictatorship

Discussion of dictatorship, utilizing formal student oral reports and commentaries. Reports follow introductory sessions concerning the course requirements, methodologies and introductory remarks concerning selected topics. *Credit: 3 semester hours.*

347 Seminar: Special Topics in Developing Areas

Special topics discussed utilizing formal oral reports and commentaries. Reports follow introductory sessions concerning course requirements and methodologies and introductory remarks concerning politics in developing areas. *Credit: 3 semester hours.*

357 Reading and Research

Individually directed reading programs, together with relevant research. *Credit: 3 semester hours.*

364 American National Security Policy

Analysis of the decision-making process for American national security affairs and the debate over its goals, national interest or the propagation of democracy; view of the Founding Fathers; the National Security Act of 1947. *Credit: 3 semester hours.*

369 Seminar: Constitutional Law

Credit: 3 semester hours.

376 Seminar: Political Theory

The seminar deals with one contemporary issue in theory, publicized prior to registration; Imperialism; Resurgent Nationalism; the theory of rights; emergency powers; revolution; terrorism; world government. *Credit: 3 semester hours.*

420 Colloquia

At these meetings, issues in the discipline and research topics of interest are discussed by faculty, alumni and distinguished outside speakers. *Held twice each semester. All majors are expected to attend. No credit. No Fees.*

900 Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the M.A. requirements. *Credit: 3 semester hours.*

925 Maintaining Matriculation

M.A. students not registered for other courses must register for 925 until all degree requirements are completed and the degree is granted. *No credit. Fee: \$50 per semester.*

For a complete listing of approved courses, please contact the Dean's office.

Department of History (HIS)

Student Advisor

Each student is assigned a faculty advisor who takes full charge of the student from admission to graduation. Students deal with the department through this faculty advisor in all matters. Program planning, registration for all courses, appointment of mentors, etc., must be made in consultation with this advisor in order to be approved by the department.

Program of Study: Master of Arts (M.A.)

Entrance Requirements

Acceptance into the M.A. program presupposes that the student has taken a minimum of 24 semester hours of appropriate undergraduate courses in history approved by the department and the Admissions Committee. Students lacking undergraduate preparation may correct this deficiency by taking additional courses approved by the department and the Committee.

Students will not be accepted into the graduate program until all undergraduate deficiencies have been corrected.

Degree Requirements

1. *Courses:* A minimum of 33 semester hours in history. Prescribed courses include Modern Historical Research (HIS 401) and Master's Research (HIS 900, six credits) in the field of specialization for students who elect to write a master's thesis. The remaining courses, to be arranged in consultation with the student's advisor, are to include a minimum of 18 credits in the area of concentration and a minimum of six credits of coursework taken in any one field outside of the area of concentration.
2. *Language:* A knowledge of French, Spanish or German is required for students in the thesis program. This may be evidenced by passing either the ETS examination or the reading course (non-credit) in the appropriate language. The department may permit a substitution if it is pertinent to the field of research. Students in the non-thesis program are not required to demonstrate competency in a foreign language.

3. *Comprehensive Examination:* Master's comprehensive examinations may not be taken before the last semester of coursework. This test of the student's knowledge in the area of concentration consists of four hours of written and/or oral examination. In preparation, the student is directed to consult the Department Reading List and his/her faculty advisor well in advance of the examination. The rules governing the application and administration of this examination are found in the section of this bulletin entitled "Comprehensive Examination."
4. *Thesis:* Students electing to submit a thesis as part of the M.A. program must demonstrate an understanding and application of proper historical methods and present their findings clearly and in accordance with the University format.
5. *Department Colloquia:* All students must attend HIS 970.

Areas of Concentration

1. American History
2. Modern European History
3. The Age of Globalization requires completion of:
History 710 and 750—Seminars in Modernization and Globalizing Implications of Modernization;
History 401 Modern Historical Research;
History 812 Transnational and Interdisciplinary Approaches to Teaching Global History;
six credits in Diplomatic History
nine credits in Modern Latin American, Asian and African History and
six credits in Modern European and American History

Combined Degree Program

B.A./M.A. in History

The department 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 index for 12 credits in history are encouraged to apply.

Students in the B.A./M.A. program matriculate for a total of 147 credits, 33 of which are on the graduate level. Students electing the thesis option must complete six credits of Master's Research. Students choosing the non-thesis option complete six credits in lieu of HIS 900. After completion of the B.A. requirements, students must enroll full time on the graduate level for the fifth year. For detailed information, consult the department Chair.

Courses

Required Courses

401 Modern Historical Research

The science and art of history; principles and methods of historical research; historical bibliography; sources and their criticism; techniques of the research paper. *Required of all master's students in the first year of graduate studies. Credit: 3 semester hours.*

970 Department Colloquia

Attendance is required of all graduate students at these meetings. Topics of current research, methodology and interpretation are discussed by staff, graduate students and distinguished guests. *No credit. No fee.*

Area Courses

103 The Cold War*

The origins of the Cold War and the division between East and West; the US and the USSR in conflict and coexistence; cold and hot wars in Asia and Middle East; détente and beyond. *Credit: 3 semester hours.*

120 Race, Gender and Ethnicity in the Formation of National Identity in Modern Latin America*

An analysis of the complex historical development of national identity in the context of race, gender and ethnicity in modern Latin America. *Credit: 3 semester hours.*

122 The Russian Revolution

Historical analysis of Russian radical social thought. Political, cultural, and social developments culminating in the revolutions of 1905 and 1917. *Credit: 3 semester hours.*

123 Rise of Soviet Power, 1917–1945*

History of the Communist movement and the rise of the Soviet Union to world power in the years between the Russian Revolution and the end of World War II. *Credit: 3 semester hours.*

125 Nazi Germany*

The causes of the rise of the Nazis to power in Germany. The establishment of a dictatorial racial state, the Holocaust and German aggression in the Second World War. *Credit: 3 semester hours.*

131 History of Eastern Europe in the 20th Century*

The development of Nationalism in Eastern Europe through the upheaval of World War I. The politics and policies of the states of Eastern Europe in the interwar period. *Credit: 3 semester hours.*

133 Rise and Fall of Modern Imperialism

A comparative study of European colonial empires and American expansionism, from the late 19th century to the present. *Credit: 3 semester hours.*

135; 136 Problems in East Asian History*
(Cf. ASC 135; 136)

European imperialism in East Asia since mid-1800s with special emphasis on China; the origin and the consequence of Japanese militarism, the Chinese Republican Revolution and modernization and social changes in East Asia. *Credit: 3 semester hours.*

151 Problems in Contemporary Africa*

Africa after independence, the effects of World War II and the break up of colonial empires; political and economic trends in various countries as they strive to modernize and become viable nations. *Credit: 3 semester hours.*

158 History of Ethnic Rivalries in the United States

Emphasis on the various patterns of America's reaction to immigrants and other minority groups in America. *Credit: 3 semester hours.*

164 Cultural Geography of Africa

Analysis of the distribution of pastoralists, agriculturalists, urban dwellers, and the resulting cultural areas. The adjustment of these areas to their physical environment. *Credit: 3 semester hours.*

171 Africa: Pre-Colonial*

Tribal and traditional systems of government, land tenure laws and social patterns as a basis for understanding African cultural and historical developments. *Credit: 3 semester hours.*

172 Africa: The Colonial Period

The development of colonial policy by the Great Powers, with special emphasis on the differing patterns of rule as contributing to modern administrative and political developments in Africa. *Credit: 3 semester hours.*

176 Contemporary Middle East

The development of European protectorates, the influence of World War II, and the problems of independence. The emergence of the Arab League, the role of nationalism, the Arab-Israeli conflict, and the influence of the Iranian Revolution, the Gulf War, and the U.S. invasion of Iraq. *Credit: 3 semester hours.*

220 Nationalism and Revolution in Modern Latin America

Credit: 3 semester hours.

225 Women in American History

Survey of the role and contributions of women in American history from the colonial period to the present, tracing the progress of American women in the social, economic, cultural and political areas of American life. *Credit: 3 semester hours.*

230 Fascism in Europe

The varieties of Fascism in Europe with emphasis on origins and development of Fascism in Italy and Nazism in Germany. Authoritarian and totalitarian regimes compared and contrasted and their foreign policies examined. *Credit: 3 semester hours.*

274 Crises in American Foreign Relations

Conflicting interpretations of major crises in American diplomatic history are subjected to the test of evidence and logic. *Credit: 3 semester hours.*

275 Makers of American Diplomacy

A biographical investigation of leading American statesmen in the 20th century. *Credit: 3 semester hours.*

417 The French Revolution

The Old Regime in France; the role of ideas in the Revolution; internal and foreign phases of the Revolution. *Credit: 3 semester hours.*

446 Topical Seminar on the Bismarckian Era

Politics, war, diplomacy, gender relations, and culture of Germany during the chancellorship of Otto von Bismarck. German unification, rise of the middle and working classes, campaigns against Catholics and socialists. *Credit: 3 semester hours.*

447 Topical Seminar on the Era of Kaiser Wilhelm II of Germany

Growing international tensions and the First World War from a German perspective. Personality of Kaiser Wilhelm II. Development of an advanced industrial society in Germany, 1888-1918. Social and ideological conflict. *Credit: 3 semester hours.*

452 Spain and Portugal: From Dictatorship to Democracy

An examination of the evolution of modern Spain and Portugal, concentrating on the transition from the dictatorial regimes of Francisco Franco and Antonio Salazar to the democracies that have emerged since 1975. *Credit: 3 semester hours.*

456 International Relations Since the First World War

An analysis of WWI and WWII as a historical unit whose chief effect was the destruction of the pre-existing system of international relations; a study of the attempts to establish equilibrium among the powers since WWII. *Credit: 3 semester hours.*

461 The Soviet Union

The political, cultural, and economic development of the USSR from 1917 to 1991. The dissolution of the Soviet Union and its immediate aftermath. *Credit: 3 semester hours.*

463 Colonial America, 1697-1763

British administrative and economic regulation of the colonies. International rivalries and the colonial frontier. The making of the American colonial mind. The approach of the revolutionary crisis. *Credit: 3 semester hours.*

464 The American Revolution

The structure of American society; British policy, growth of revolutionary movement; independence and political revolution; military and diplomatic phases; social consequences. *Credit: 3 semester hours.*

469 The Civil War

The causes, campaigns and political and economic developments of the American Civil War. *Credit: 3 semester hours.*

473 The Progressive Movement

The political, social, and economic developments of the Roosevelt, Taft, and Wilson administrations. *Credit: 3 semester hours.*

474 History of the New Deal

An analysis of the philosophy, techniques and specific programs employed by the New Deal to resolve the domestic problems of the United States from 1933 to 1939. *Credit: 3 semester hours.*

534 Studies in Central African History

Colonial historical developments in Central Africa as well as resultant political and sociological changes. Current concepts of political change, nationalism and nation-building are also analyzed. *Credit: 3 semester hours.*

901 Reading and Research

Individually directed reading programs, together with relevant research on topics mutually agreed upon by the student and mentor. Must be approved by the Chair. *Credit: 3 semester hours.*

900 Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the M.A. requirements. *Credit: 3 semester hours.*

975 Doctoral Research Essay

Doctoral candidates who have completed all degree requirements except the research essay must register for 975 until the research essay is completed and the degree is awarded. Credit: 3 semester hours.

Maintaining Matriculation

925 Maintaining Matriculation

Master's students not registered for other courses must register for 925 until all degree requirements are completed and the degree is granted. No Credit. Fee: \$50 per semester.

930 Maintaining Matriculation (D.A.)

D.A. students who have NOT passed their comprehensive examination and are NOT registered for other courses must register for 930. No Credit. Fee: \$50 per semester.

For a complete listing of approved courses, please contact the Dean's office.

**Also open to qualified undergraduates.*

Program of Study: Doctor of Arts in Modern World History (D.A.)

The D.A. program in Modern World History is designed for teachers in four-year colleges, community colleges and secondary schools. It provides an interdisciplinary approach to the study of modern world history, focusing upon modernization and seeking to encourage global awareness in the teaching of history.

This program emerged as a result of changes and problems encountered by higher education in the late 1960s, particularly because of the dissatisfaction with the training received by college teachers. In light of these considerations, a doctoral program with a different orientation emerged as an alternative for those who teach or planned to teach and oriented toward developing teaching competence in a broad subject area. The program includes a research component which has practical applicability in the classroom stressing academic and professional competence.

The D.A. Program is solidly grounded in history and integrated with a variety of other disciplines, including anthropology, geography, philosophy, political science, religious studies and sociology. All courses in the academic areas have been designed to reflect this historical perspective.

Entrance Requirements

The following materials must be submitted with all applications:

1. Applicants must present evidence of successful completion of a B.A., with at least 24 credits in history. Applicants with graduate credits in history may apply for transfer credit or for advanced standing, as determined by the Admissions Committee. Applicants with a master's degree which includes at least 15 graduate credits in history are exempt from program requirement one (below) normally take 51 credits beyond M.A. and begin their studies with the HIS 710 and HIS 750. All academic transcripts should be submitted to provide verification of degree conferral, GPA and current coursework.
2. Applicants must present a cumulative index of 3.0 overall and a minimum of 3.5 in history courses.
3. Applicants must supply three letters of reference, at least one of which attests to the applicant's research ability, a recent sample of written work and a personal statement of professional experience and career goals.

Program Requirements

The D.A. requires completion of a minimum of 72 credits beyond the B.A. degree, distributed as follows:

1. Completion of 15 credits of 100–600 level history courses, including HIS 401. Students who enter the program with an M.A., including at least 15 graduate credits in history, are exempt from this requirement.
2. Completion of three required interdisciplinary seminars (nine credits): HIS 710, HIS 750 and HIS 799. HIS 710 and 750 will be taken immediately following the 15 credits of 100-600 level courses; HIS 799 will be taken as the final academic course before the comprehensive exam.
3. Completion of 24 credits of 700 level courses.
4. Successful performance on a qualifying examination at the completion of 18 credits for those who enter with the M.A. and 33 credits for those who enter with the B.A., to determine the student's eligibility to continue in the program. Students who elect or are advised to leave the program after satisfactory completion of this exam may request the M.A. be awarded upon completion of these credits and any other degree deficiencies.
5. Completion of 12 credits of professional skills courses (800s) in the teaching of history, including a three-credit Practicum (HIS 898 or 899). The Practicum is an occasion for discussion of current developments in teaching within the discipline, special classroom or curriculum issues and peer observation of classroom performance.
6. Completion of six credits of Teaching Internship (HIS 905; 906). The internship is a two-semester, six credit supervised teaching experience designed to enable the student to step confidently and competently into college-level teaching upon completion of the doctoral program. To this end, interns will receive intensive hands-on training under the close supervision of a faculty member from the department. No student will be permitted to register for the internship unless he/she has successfully passed the qualifying exam.
Students who enter the program with permanent New York State certification (which requires two or more years of full-time teaching experience) are not required to take the six-credit internship, though they may elect to do so.
7. Demonstration of writing competency in English, either by examination or by completion of a course in advanced composition, not to count toward the degree. Students must also show competency in logic or statistics, by taking one of the following: 1) History 840, 2) an undergraduate course in logic or statistics, or 3) an exam in basic logic or statistics, administered by the Dean. Students who have already taken a logic and/or statistics course in a previous under-

graduate or graduate institution must present a copy of their transcript to the Chair and the Dean.

8. Demonstration of functional proficiency in a foreign language appropriate to the student's research. This proficiency may be demonstrated by 1) satisfactory scores on the ETS language exam, 2) completing successfully two semesters of reading courses in French or German offered by the Department of Languages and Literatures (French 0101-0102; German 0101-0102), or 3) a passing grade in a second year college level course in the appropriate language, as approved by the program advisor. This requirement must be satisfied before the student may apply for the comprehensive exam.
9. Successful completion of a comprehensive exam, to be taken only in the last semester of coursework and within one year of the completion of all coursework, language and residence requirements. This exam will cover the entire area of the candidate's field of study and consist of four hours of written examinations for each of the two sections of the principal academic area and four hours for the skills and methodology section – a total of 12 hours.
10. Completion of a minimum of six credits of Doctoral Research Essay (HIS 975) is required of all students until the research essay has been successfully defended. The Research Essay will include the successful writing and oral defense of a work of personal research on a historical topic preferably having an interdisciplinary dimension. The essay is designed to provide students the opportunity to display their competence in the historical/social science subject matter. In addition to evidence of knowledge of the subject matter, the research essay should manifest skills in teaching and evaluation and blend these either through original methods or novel instructional materials. Students are expected to select topics that applies their academic and practical learning to a specific problem related to their professional work. Doctoral candidates must defend the essay in a final oral exam before a faculty committee.

Other Requirements

1. To fulfill the residence requirement, a student must successfully complete 24 credit hours during four consecutive academic semesters, not including summer semesters.
2. Students working towards the D.A. must complete all requirements for the degree within seven years. Credit may be denied for courses completed more than seven years prior to the granting of the degree.
3. Students may seek admission to the program after having successfully completed some graduate work at another accredited institution. Students may request transfer of credit for this work provided it has not been

offered in fulfillment of another degree. A maximum of six credits of graduate work, which meet degree requirements, will be accepted after the student has completed a minimum of 12 credits in the University. No credit will be allowed for courses in which the grade attained is below "B".

4. Before sitting for the comprehensive exam, students not registered in coursework or Doctoral Research must enroll in Maintaining Matriculation (HIS 930). Fee: \$50 per semester.

After successful completion of the comprehensive examination, students must enroll in Doctoral Research Essay (HIS 975) until the research essay has been successfully defended.

Fellowships

University Doctor of Arts Fellowships, available to qualified part-time graduate students, provide tuition remission and fees for two graduate courses in each semester of the academic year. Based on academic merit, recipients render no service and receive no stipend.

Full-time students may also apply for University doctoral fellowships, which provide tuition remission, a stipend and require no service, or for doctoral fellowships which provide tuition remission, a stipend and require some weekly service to the department.

To apply for these awards or to receive more information about them, prospective students should contact the Dean's office at mcguirep@stjohns.edu.

Information concerning other types of financial aid and scholarships is contained in the portion of this bulletin entitled "Financial Aid."

Courses

Academic Curriculum

Coursework in the principal academic area is divided into two sections, each introduced by a required interdisciplinary seminar:

Seminar I: The Patterns of Modernization in Historical Perspective

Seminar II: The International Implications of Modernization

Required Interdisciplinary Seminars (Team Taught)

710 Seminar I: The Patterns of Modernization in Historical Perspective

An examination of the dynamics of the process of modernization in different states and societies in the modern world, emphasizing its economic, political, cultural, religious and social dimensions. *Credit: 3 semester hours.*

750 Seminar II: The Globalizing Implications of Modernization

A study of the increased interaction and inter-

dependence (diplomatic, cultural, economic, social and military) of peoples and states of the world and their impact on urgent world problems. *Credit: 3 semester hours.*

799 Seminar III: Global Awareness and the Contemporary World

All students will complete their coursework in the principal academic area by taking this seminar which will integrate the earlier coursework while relating the material to the professional skills work. *Credit: 3 semester hours.*

Courses in the Area of Seminar I

712 Patterns of Modernization in the Post-Confucian World

Comparative historical analysis of modernization in East Asia; varying rates of national economic growth and social change; societies that have experimented with radically demoting modernization to a lesser national priority are also be discussed. *Credit: 3 semester hours.*

714 Modernization and the Secular Alternative

Secularism is examined as an alternative world view to the Judeo-Christian tradition that has emerged with the process of modernization; the encounter of secularism; its theological critics in the English speaking world. *Credit: 3 semester hours.*

718 Technology and Transformation in Western Europe

The technological revolution in Western Europe is examined within a historical framework which examines the period of preparation, the agricultural revolution and the industrial revolution. *Credit: 3 semester hours.*

720 Terrorism: Ireland and the Holy Land

An analysis of terrorism in the Middle East and Northern Ireland; historical evolution and contemporary manifestations of terrorism in the context of modernization, ideological and psychological rationales of terrorist movements and the international implication. *Credit: 3 semester hours.*

722 Human Values and the Modernization of Societies

The history of the changes that the process of modernization has wrought in man's moral consciousness and the way in which different societies, have come to identify and conceptualize contemporary moral problems. *Credit: 3 semester hours.*

724 Modernization in Sub-Saharan Africa

An examination of modernization in Sub-Saharan Africa and its impact on the people and institutions of the area. *Credit: 3 semester hours.*

726 Religious Evolution in the Technological Age

The technological revolution and transformation of religious organizations in the West; the Middle East, the Orient and Latin America; patterns of convergence, loss of functions, charismatic episodes and widespread movements. *Credit: 3 semester hours.*

728 Culture, Personality and Modernization

The study of the transformation of the value system and related psychocultural adaptations experienced by selected tribal and Third World societies during the modernization process. *Credit: 3 semester hours.*

730 Theorists of Political Modernization

A study of the contributions of outstanding political thinkers around the world (since the European 18th-century Enlightenment) to the development of the current ideals and rationales of political modernization. *Credit: 3 semester hours.*

732 The Development of Japan's Political Economy

An in-depth analysis of Japan's political economic development, including an examination of the governing triad model, industrial and trade policy and foreign relations. *Credit: 3 semester hours.*

990 Directed Reading and Research in the Area of Modernization

Credit: 3 semester hours.

Courses in the Area of Seminar II

752 Energy Ethics

The ethical issues in energy use management in the modernized pluralistic world; the effect that modernization has had on the development of the philosophies of man. *Credit: 3 semester hours.*

753 World Regional Geography

A regional analysis of the principle patterns of the physical, economic and cultural features of the earth, with emphasis on how these features have influenced and been influenced by history. *Credit: 3 semester hours.*

754 The Emergence of Total War

An analysis of the impact of the modernization process upon warfare in the 20th century, with emphasis on the growing technological complexities of modern strategy and weaponry and the increasing social disruption resulting from total war. *Credit: 3 semester hours.*

755 Modernization and American Foreign Policy in the 20th Century

The course will explore American conceptions of the modernization of international relations and their impact on U.S. foreign policy in the 20th century. *Credit: 3 semester hours.*

756 The World in Upheaval: Europe and the World Since 1776

The globalization of European ideologies and institutions and ensuing political, diplomatic, economic and cultural consequences; emphasis on nationalism and imperialism and industrialization and ideology. *Credit: 3 semester hours.*

757 America Abroad: The United States and Modernization

The course explores American conceptions of modernization and their application in foreign policy in Asia, Latin America and Europe in the 20th century. *Credit: 3 semester hours.*

760 Modern Religious Pluralism and World Peace

Analysis of ever-increasing contacts and communications between major global religious traditions that have made significant inroads toward mutual understanding and cooperation; new possibilities in the changed context for world religions to serve as important resources for world peace.

Credit: 3 semester hours.

762 Chinese Revolutionaries in Office

Chinese revolutionaries of 1911, 1926, 1949 and 1978; their goals, methods and ideologies; how the dreams fared as the prime movers consolidated their respective revolutionary movements. *Credit: 3 semester hours.*

764/864 The Varieties of Historical Tradition and Issue in Inter-Cultural Communication

Contrasting value systems and the "inside" understanding of specific historical traditions as a prerequisite for inter-cultural and international understanding. *Credit: 3 semester hours.*

766 The Information Revolution and the Formation of a Global Society

The explosion of the mass media in the 20th century; cybernetics and global communication networks as determinants of political and cultural ascendance, struggles for acquisition, capitalization and control of knowledge in capitalist societies; processes leading to homogenization of culture, rising expectations, world images and ideological exchanges.

Credit: 3 semester hours.

768 The New Imperialism in Africa: Causes and Consequences

An examination of the European scramble for territory in Africa after 1870 and its political and economic consequences; the political liberation of Africa and the ongoing attempt to achieve economic independence.

Credit: 3 semester hours.

770 The Contemporary System of Global Politics

The global extension of the "Family of Nations" concept of world order, with emphasis on how internal stages of growth of various technologically advanced, rapidly modernizing, revolutionary and underdeveloped states of the contemporary world affect their international relations. *Credit: 3 semester hours.*

772 Japan, China and South Korea: Contrasts in East Asian Political Economic Development

An in-depth comparative analysis of the political economic development of Japan, China and South Korea. *Credit: 3 semester hours.*

774 European Integration and Disintegration

An analysis of Europe's cultural and social diversity in the 19th century; how Western European societies have become more similar in the 20th century. *Credit: 3 semester hours.*

991 Directed Reading and Research in the International Implications of Modernization

Credit: 3 semester hours.

Professional Skills Curriculum**812 The Transnational and Interdisciplinary Approaches in the Teaching of World History**

Basic conceptual approaches employed by historians and social scientists in the study of world history following the Industrial Revolution; an examination of global history and the analytical methods used in academic disciplines. *Credit: 3 semester hours.*

820 Elements of Measurement and Evaluation

Elements of educational measurement and evaluation, including fundamentals of reliability, validity, test interpretation and program evaluation. *Credit: 3 semester hours.*

840 Reasoning and Historical Inquiry

The development of formal and material elements of logic emphasizing their proper application to the study and teaching of history. *Credit: 3 semester hours. Can be used to satisfy logic requirement.*

853 Counseling Techniques for Teachers (Cf. ENG 853)

An introduction to counseling theory and practice for educators; familiarizing current/prospective educators with the methods and techniques that can be used in a wide range of academic encounters. *Credit: 3 semester hours.*

856 History, Culture and Language: Techniques of Intercultural Awareness and Communication

Practical training in in-depth and comparative study of culture(s), techniques of intercultural communication and the design of multicultural educational programs. *Credit: 3 semester hours.*

The Practica

Depending on their current teaching position, need and interest, students in the program will enroll in either of the two practica that will be offered. The first practicum is designed for secondary school teachers, while the second is structured for college-level instructors.

898 Practicum II: For Community College and Four-Year College Teachers

This practicum is designed for the improvement of the professional skills of history and social studies teachers in the area of community college and four-year college teaching. This course aims at guiding and enabling the practicing teacher to experiment with alternative instructional methods and to evaluate the effectiveness of current teaching techniques. Students are encouraged to devise teaching models that are suited to inculcating global awareness and that draw upon interdisciplinary resources. *Credit: 3 semester hours.*

899 Practicum I: For Secondary School Teachers

This practicum is designed for the improvement of the professional skills of history and social studies teachers in the secondary schools. It aims to guide the practicing teacher to experiment with alternative instructional methods and to evaluate the effectiveness of present teaching techniques. *Credit: 3 semester hours.*

905; 906 Teaching Internship

Level 1. The student attends lectures of a mentoring faculty member's HIS 1000/1010 class, preparing and delivering no less than 10 lectures during the semester. The mentor supervises the preparation of these lectures and provides training in exam preparation, grading techniques, alternative modes of learning. *Credit: 3 semester hours.*

Level 2. When the student satisfactorily completes the Level 1 internship he/she will be assigned responsibility, under direction of the mentor, for lectures in a HIS 1010/1000 class. The second semester will include regular meetings with the mentoring teacher for the purpose of critiquing and discussing teaching technique. *Credit: 3 semester hours.*

For a complete listing of approved courses, please contact the Dean's office.

* Some courses toward this degree may be offered on the Manhattan campus.

Languages and Literatures

Programs of Study: Master of Arts in Spanish

The Department of Languages and Literatures offers a program of graduate study in the literature, linguistics and civilization of the Hispanic world, taught entirely in Spanish, leading to the degree of Master of Arts.* This specialized program is intended to prepare students for further scholarship, teaching at all levels or related careers. The department sponsors an ongoing series of lectures by prominent literary figures from both Spain and Latin America and the publication of the literary journal *Anuario Medieval*.

Epsilon Kappa, the St. John's Chapter of Sigma Delta Pi, the National Hispanic Honor Society, publishes a literary journal, *Entre Rascacielos*, to promote the creative works of students enrolled in the program.

In addition, the department offers reading courses in French and German for graduate students in other disciplines. The department also offers the following graduate courses that meet the requirements of the bilingual/bicultural program in Spanish (in cooperation with The School of Education): Spanish: SPA 107 (EDU 9020), SPA 118 (EDU 9022), SPA 151 (EDU 9021), SPA 161 (EDU 9023) and SPA 171 (EDU 9024).

Entrance Requirements

At least 24 semester hours above the intermediate level of undergraduate work in languages, with 18 of these hours in Spanish or the equivalent, in the case of foreign credentials. Any existing deficiency will subsequently have to be removed. All students must demonstrate proficiency in speaking, reading and writing Spanish. All classes are conducted in Spanish.

Program Requirements

Thesis: This option is a 33-credit program consisting of 27 credits of required coursework from among the five areas of concentration (a minimum of three credits in each area) listed below and six credits of Master's Research (SPA 900). Master's degree students with thesis option must demonstrate proficiency in a language other than Spanish. It is strongly recommended that such students have a reading knowledge of English, French, German, Italian, Portuguese or any other language pertinent to the topic of their thesis. The language of their choice must be approved by the thesis advisor and by the Graduate Coordinator. This requirement may be satisfied by passing the Princeton ETS foreign language examination or by an examination administered by the department. In lieu of the language examination, students may either take an undergraduate language

course equivalent to a fourth semester (Language 4) or one of the department's graduate non-credit reading courses. It is suggested that this requirement be met in the semester prior to taking the comprehensive examination. The thesis option is recommended for those students who wish to continue their graduate education beyond the master's degree and plan to enter a Ph.D. program.

Non-Thesis: This option is a 33-credit program consisting of coursework in all five areas of concentration listed below: a minimum of three credits from each division, plus 18 credits in course electives. However, it is strongly recommended that students take six credits from each of the five areas of concentration.

The non-thesis option is primarily designed for those students interested in teaching on the primary or secondary level or seeking immediate preparation for fields where a master's degree in Spanish is the recommended credential.

With appropriate counseling from the department, students should select their courses from the following five areas of concentration:

- (1) Linguistics (three/six credits)
- (2) Peninsular Literature before 1700 (three/six credits)
- (3) Peninsular Literature of the 18th, 19th and 20th Centuries (three/six credits)
- (4) Spanish-American Literature from Pre-Columbian through the 19th Century (three/six credits)
- (5) Spanish-American Literature from Modernismo to the Present (three/six credits)

The comprehensive examination required of all students must be taken within a year of the completion of all course requirements. This four-hour written examination will test their knowledge of the literature, linguistics and culture of Spain and Spanish America. The rules governing the application and administration of this examination are found under "Comprehensive Examination" in the Graduate Division of Arts and Sciences section in this bulletin. The comprehensive examination may be given during the summer.

Combined Degree Program

B.A./M.A. in Spanish

The Department of Languages and Literatures offers an intensive, accelerated, combined degree program leading to both the B.A. and M.A. degrees in Spanish in five years of full-time study. Sophomores who have completed 12 credits in Spanish with a 3.5 or above index and with a minimum of 3.0 cumulative index, are encouraged to apply. After completion of the baccalaureate degree, the student must enroll full time on the graduate level for the fifth year. For specific information, students may contact the Chairman *Nicolás Toscano*, Ph.D. at (718) 990-5250 or e-mail toscanon@stjohns.edu or Marie-Lise Gazarian, Ph.D., Graduate Coordinator, Master's Degree Program in Spanish at (718) 990-5209 or e-mail gazariam@stjohns.edu.

Financial Aid

Research assistantships, which include full tuition and a stipend, are available to qualified graduate students. In addition, New York State residents may be eligible for Tuition Assistance Program (TAP). State and Federal Loan Programs are also available.

The Gabriela Mistral Scholarship/Beca Gabriela Mistral will be granted once a year to graduate students enrolled in the Master of Arts Program in Spanish at St. John's University and at the Universidad de Chile, Santiago, Chile. The scholarship entails the granting of complete tuition remission for one semester to one student selected from each of the two institutions.

Courses

103 History of the Spanish Language

The evolution of the language from its origin to the present; phonology, morphology, grammar, vocabulary, style.

Credit: 3 semester hours.

109 Spanish Stylistics

Workshop in creative writing.

Credit: 3 semester hours.

118 Contemporary Spanish America (Cf. EDU 9022)

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.*

151 Applied Spanish Linguistics (Cf. EDU 9021)

This course offers solutions to some of the practical problems involved in learning and teaching Spanish by reformulating these difficulties from the perspective of modern linguistic theory. *Credit: 3 semester hours.*

161 Spanish-American Linguistics (Cf. 9024)

A study of the lexical, morphosyntactical, and phonological differences between Peninsular Spanish and the language as now spoken in the Americas. Particular attention is given to the Spanish of the Caribbean area.

Credit: 3 semester hours.

220 Caribbean Literature in Spanish

A study of some of the great writers and works from the Caribbean, such as Alejo Carpentier, José Lezama Lima, Reinaldo Arenas, Julia Alvarez and Rosario Ferré.

Credit: 2 semester hours.

221 Medieval Literature I

The principal developments of the XI, XII and XIII centuries. *Credit: 3 semester hours.*

222 Medieval Literature II

The principal developments of the XIV and XVI century as far as La celestina.

Credit: 3 semester hours.

*Some courses toward degree may be offered on the Manhattan campus.

229 Spanish-American Colonial Literature

A study of Spanish-American letters from its beginning to the period of independence. *Credit: 3 semester hours.*

237 Spanish-American Modernism

Representative authors of the period will be studied. *Credit: 3 semester hours.*

243 The Spanish-American Short Story

The origin and development of the genre in Spanish America with a study of the representative authors. *Credit: 3 semester hours.*

250 The Spanish-American Novel from the 1960s Onward

A study of the most representative present-day novelists. *Credit: 3 semester hours.*

254 Don Quijote I and II

A study of the most famous work by Cervantes. *Credit: 3 semester hours.*

259 The Interview as a Literary Genre

A study of the interview in Hispanic letters. *Credit: 3 semester hours.*

284 The Spanish Novel of the Generation of 1898

A study of representative novels and authors of the Generation of '98: "Azorín," Baroja, Valle Inclán, Unamuno, and others. *Credit: 3 semester hours.*

285 The Spanish Novel from the Civil War to the Present

A study of representative novels and authors of the period from Camilo José Cela to the present. *Credit: 3 semester hours.*

290 Literature of the Mexican Revolution

A study of major literary figures in the development of this theme in the national culture. *Credit: 3 semester hours.*

300 Spain in North America. Early Writings

First writings by Spaniards in North America. The literature of early settlers, navigators, soldiers, and priests. *Credit: 3 semester hours.*

305 Seminar in Hispanic Literature I

A study of specific authors from the Hispanic world. *Credit: 3 semester hours.*

306 Seminar in Hispanic Literature II

A study of specific authors from the Hispanic world. *Credit: 3 semester hours.*

310 The Visual Arts in Spanish Literature

A study of the many uses of the visual arts in Spanish literature, with emphasis on the literary representation of visual arts, real or imaginary. *Credit: 3 semester hours.*

900 Master's Research

Supervised research by mentor leading to the preparation and completion of a thesis in partial fulfillment of the Master's degree requirements, in consultation with the Chair and or Coordinator. *Credit: 3 semester hours.*

901 Independent Study

An opportunity for independent reading and research under the supervision of a faculty member. The area of research must be approved in advance by the Chair in consultation with the Coordinator and a research plan will be required. *Credit: 3 semester hours.*

925 Maintaining Matriculation

Master's degree students who are not registered for any course must maintain their matriculation by registering for 925 until all degree requirements are completed and a degree is granted. *No credit. Fee \$50.*

Other Graduate Courses**French 0101; 0102 French Reading Course**

(0101 is prerequisite for 0102). This course is designed to give the candidates for the Master's and Doctor's degree a grasp of the fundamentals of the language and a good working vocabulary so that they can use the language as a research tool in their field of specialization. Two semesters. *No credit. Tuition: Two graduate tuition credits.*

For a complete listing of approved courses, please contact the Dean's office.

Advanced Interdisciplinary Certificate on Latin American and Caribbean Studies

St. John's University's Committee on Latin American and Caribbean Studies (CLACS) offers a graduate level interdisciplinary and multidisciplinary certificate for those students interested in disciplines and careers that deal with Latin America, the Caribbean, or Latinos in the U.S. Those careers include: diplomacy and international relations; banking; business; literature; education; health services and journalism.

Program Requirements

Students need 15 credits in three different disciplines or areas. The courses may be taken in any of the St. John's campuses or in Latin America with prior permission. Some knowledge of Spanish, Portuguese or French is required before the program is completed.

A student can enroll in the certificate program by itself or in conjunction with another graduate program (e.g., M.A. in Spanish, Government, History, M.B.A., D.A. in English).

Graduate research assistantships are available. For more information about the program, please contact: Dr. Alina Camacho-Gingerich, Chair of CLACS, at camachoa@stjohns.edu; tel (718) 990-1932 or (718) 990-5829; or visit St. John Hall, Rooms B3A1 and 9.

Liberal Studies

Program of Study

The Master of Arts in Liberal Studies (M.A.L.S.) provides a multidisciplinary graduate opportunity to the intellectually curious through the study of interdisciplinary themes that draw from various academic disciplines.

There are four tracks in the M.A.L.S. program:

1. Humanities
2. Social Science
3. Cultural Studies
4. Innovative Research—includes the concentration in global development and social justice

The program is designed to provide a basis for a number of professional goals; it is not designed to duplicate or replace the specialized disciplinary training required for earning a Ph.D., though it is an excellent preparation for such training. The program is especially suited for the working professional seeking to expand his or her horizons.

Entrance Requirements

1. A Bachelor's Degree in any area, with an overall GPA of 3.0
2. A brief personal essay describing the student's academic goals and areas of intellectual interest
3. Six credit hours in the area of concentration
4. For the *Humanities* track, a total of 18 credit hours from English, history, or philosophy; for the *Social Science* track, a total of 18 credit hours from anthropology, economics, history, government and politics, psychology, or sociology; for the *Cultural Studies* track, a total of 18 credit hours from anthropology, sociology, English, Area Studies (Latin America, Asian, Middle Eastern, African, etc.) history, philosophy and ethnic/gender studies; see below; for *Innovative Research*, a sufficient number of credits in the relevant disciplines, as determined by the Director.
5. Two letters of recommendations from persons who can attest to the student's ability to undertake graduate studies.

Program Requirements

The student selects the interdisciplinary course of study in the M.A.L.S. program—either the Humanities, Social Science, Cultural Studies or Innovative Research.

If *Humanities* is selected, the student chooses an area of concentration—either history, literature or philosophy. The student completes five courses in his or her area of concentration and two courses each from the two cognate disciplines. The student also takes introductory and integrating seminars in the humanities. A total of 11 courses is taken.

If *Social Science* is selected, the student chooses an area of concentration—either

economics, history, government and politics, psychology or sociology and anthropology. The student takes five courses in his or her area of concentration and two courses from any two cognate disciplines. The student also takes introductory and integrating seminars in the social sciences. A total of 11 courses is taken.

If *Cultural Studies* is selected, the student takes five courses from a list of courses dealing with anthropological and cultural themes and four courses in cultural areas and topics. These include but are not limited to Latin America, Far Eastern Cultures, Eastern Europe, Africa and the Middle East. The student also takes introductory and integrating seminars in Cultural Studies. A total of 11 courses is taken.

If *Innovative Research* is selected, the student consults with the program Director about the theme of the proposed program (as well as faculty in the relevant areas). The program Director must approve the proposed program. The student takes courses from his or her area of concentration and courses from at least two other areas determined to be relevant to the proposed research project. The student also takes an introductory and integrating seminar in the appropriate area.

Every student must complete a research project in the M.A.L.S. track he/she has selected.

Attendance Policy

Regular and prompt attendance is expected of all students. There is no penalty for absence from class considered in itself. However, absence from class does not excuse a student from work missed. Students are thus responsible for all announced tests and for submitting all assignments at the proper time. Ignorance of such tests and assignments is no excuse for failure to do them and submit them at specified due dates.

Individual faculty members have discretionary power to determine whether a student who has missed an announced test is to be given a make-up examination. This policy does not apply to final examination. For the policy on final examinations, see "Examinations."

Special Students

Special students, enrolling for the first time, must submit transcripts of all prior academic work, undergraduate and graduate and complete the appropriate forms. Only those students who are qualified and possess the necessary background are permitted to enroll in graduate courses. Special students must have the permission of the department/division and the Dean to register. Special students may enroll for no more than six credits of coursework each semester for a maximum total of 12 credits. If an applicant who has taken courses as a special student is accepted for matriculation, the Dean determines which credits taken as special students are credited toward the program. In any case, no more than 12 credits completed as a special student may be applied

toward a degree program.

Transfer of Credit

In graduate programs requiring the completion of 30–36 credits, a maximum of six credits may be transferred with the approval of the Dean. No transfer credits are permitted for students in the Global Development and Social Justice track.

Requested transfer credits must not have already been used in fulfillment of another degree. The student must present catalog descriptions of the graduate courses for which transfer credit is requested. No credit is allowed for courses in which the grade attained is below "B." Transfer grades do not affect cumulative quality points. In addition, no degree credit is allowed for courses completed beyond the stipulated time limit ("Time Limit"). Students requesting transfer credit must have already completed at least 12 credits in their approved graduate program at St. John's University.

Incomplete ("INC") Grades

Students receiving an "INC" must submit all required materials no later than the deadline indicated in the Academic Calendar in the front of this bulletin. All "INC" grades not removed by the deadline become permanent on the transcript. In some cases, it may be necessary for the student to repeat the course involved.

Residence

Each student pursuing the master's degree must complete 12 semester hours of academic credit during two consecutive academic semesters.

Courses

Departments strive for accuracy with regard to the scheduling of courses. They reserve the right, however, to alter the schedule as needs may dictate. Moreover, the Dean maintains the right to cancel courses when deemed necessary.

MLS 100 Introductory Seminar in Liberal Studies

Directed reading and discussion of representative works which have had a significant influence in the various areas in liberal studies. This course introduces issues in the humanities, social sciences and cultural studies.

MLS 200 Integrating Seminar in Liberal Studies

This seminar is required of all students who have received approval of a final research project proposal on a multidisciplinary topic. This seminar is taught by a faculty member who is from one of the teaching faculties of the liberal studies tracks. Before starting his or her project, the student must have the topic approved by his or her research committee—that is, the student's research mentor, a faculty member from a discipline other than the student's area

of concentration and the program Director.

MLS 204 Independent Research in Liberal Arts

Under the supervision of a faculty mentor, the student will prepare a research proposal and submit it to the program director for approval. All proposals must be approved by the Director.

Humanities: "Human Meaning and Value in the Western Tradition"

Course Distribution for the Humanities

| | |
|---|--------|
| MLS 100 | 3 cr. |
| MLS 200 | 3 cr. |
| Concentration (History, Literature or Philosophy) | 15 cr. |
| Cognate field one | 6 cr. |
| Cognate field two | 6 cr. |
| | 33 cr. |

Cognate Fields:

Philosophy courses for concentration in History or Literature

One of the following:

| | |
|---------|----------------------------|
| PHI 110 | Metaphysics |
| PHI 122 | Ethics |
| PHI 132 | Philosophical Anthropology |

One of the following:

| | |
|---------|-----------------------|
| PHI 259 | Philosophy of Law |
| PHI 267 | Political Philosophy |
| PHI 270 | Theories of Knowledge |
| PHI 352 | Existentialism |

Literature courses for concentration in Philosophy or History

One of the following:

| | |
|---------|-----------------------------------|
| ENG 235 | Shakespeare I: Elizabethan Period |
| ENG 236 | Shakespeare II: Jacobean Period |

One of the following:

| | |
|---------|--|
| ENG 502 | Major American Authors of the 19th Century |
| ENG 560 | American Novel to 1914 |
| ENG 561 | American Literature to 1865 |
| ENG 562 | American Literature 1865–1914 |

History courses for concentration in Literature or Philosophy

Two of the following:

- HIS 112 The Industrialization of Europe: Impact and Implications
 HIS 113 American Intellectual History 1786–1860
 HIS 134 Modern Counter Cultures: Visions from Left and Right
 HIS 403 The Philosophy of History
 HIS 413 The Renaissance
 HIS 509 The Contemporary World

Concentration Areas**Students concentrating in Philosophy may choose any five from the following:**

- PHI 101 Plato
 PHI 102 Aristotle
 PHI 110 Metaphysics
 PHI 113 Aquinas
 PHI 122 Ethics
 PHI 133 Kant
 PHI 135 Logic
 PHI 140 Philosophy of Science
 PHI 145 History of Science I
 PHI 146 History of Science II
 PHI 259 Philosophy of Law
 PHI 267 Political Philosophy
 PHI 270 Theories of Knowledge
 PHI 325 Marxism
 PHI 326 Descartes
 PHI 330 British Empiricism
 PHI 342 Hegel
 PHI 347 Heidegger
 PHI 350 Pragmatism
 PHI 352 Existentialism
 PHI 354 Phenomenology
 PHI 396 Analytical Philosophy

Students concentrating in Literature may choose one each from any five of the following six groups:

- a) ENG 105 The Medieval Epic
 ENG 112 Readings in Medieval Literature
 ENG 113 Chaucer: *Troilus and Criseyde* and the Early Poetry
 ENG 114 Chaucer: *The Canterbury Tales*
 ENG 115 Arthurian Romance
 ENG 116 Medieval English Literature Before 1500
 ENG 117 Medieval Drama
 b) ENG 235 Shakespeare I: Elizabethan Period
 ENG 236 Shakespeare II: Jacobean Period
 ENG 239 Major Elizabethan Dramatists
 ENG 247 Milton
 ENG 248 17th-Century Poetry and Prose
 ENG 338 English Prose 1660–1800
 ENG 339 Developments in English Poetry 1660–1800
 ENG 353 Dryden, Swift and Pope
 ENG 355 Johnson and His Age
 ENG 356 The Novel to 1800

- ENG 357 Restoration and 18th-Century Drama
 d) ENG 446 Women Writers of the 19th Century
 ENG 458 The 19th-Century English Novel
 ENG 471 British Romanticism
 ENG 477 Victorian Literature and Culture
 e) ENG 560 The American Novel to 1914
 ENG 561 American Literature to 1865
 ENG 562 American Literature: 1865–1914
 ENG 565 Colonial American Literature
 ENG 566 Writers of the American Romanticism Tradition
 f) ENG 650 Modern Poetry
 ENG 655 Contemporary Poetry
 ENG 665 The Modern Short Story
 ENG 670 The Modern American Novel
 ENG 675 Modern British Novel
 ENG 676 Contemporary British Novel
 ENG 680 Modern Drama: 1914–1945
 ENG 681 Modern Drama: 1945 to Present
 ENG 685 Literary Modernism

Students concentrating in History may choose from the following:

- HIS 112 The Industrialization of Europe
 HIS 401 Modern Historical Research
 HIS 509 The Contemporary World

Course descriptions for the courses listed above may be found in the departmental listings in Graduate Division of Arts and Sciences.

Social Science: "Intellectual Heritage of the Social Sciences in Modern Times"**Course Distribution for the Social Sciences**

| | |
|---|---------------|
| MLS 100 | 3 cr. |
| MLS 200 | 3 cr. |
| Concentration (Economics, History, Government and Politics, Psychology or Sociology and Anthropology) | 15 cr. |
| Two courses in any of two other departments | <u>12 cr.</u> |
| | 33 cr. |

Five of the following for concentration in Psychology:

- PSY 606x Perception I
 PSY 616 Principles of Learning
 PSY 617 Cognitive Psychology
 PSY 622 Social Psychology
 PSY 623 Developmental Psychology I
 PSY 625 Cross-Cultural Psychology
 PSY 630 Personality Theories
 PSY 648 Physiological Psychology
 PSY 650 History and Systems of Psychology
 PSY 622 (Social Psychology) and PSY 625 (Cross-Cultural Psychology) are also appropriate for the *Cultural Studies* track

Sociology Courses: Preferably five of the following:

- SOC 115 Sociology of Gender
 SOC 121 Sociology of the Family
 SOC 150 Sociology of Illness and Health Care
 SOC 210 Sociological Theory: Classical
 SOC 212 Sociological Theory: Contemporary
 SOC 228 Sociology of Community
 SOC 230 Sociology of Organizations
 SOC 249 Sociological Perspectives on Education

For a concentration in Government and Politics: Students are required, after consulting with their faculty advisor, to take one course in each of the three areas of political theory, American government and public administration and two courses in the area of International Relations and comparative government—one course from each category.

Five of the following for concentration in History:

- HIS 379 American History and the Social Sciences (Required)
 HIS 401 Modern Historical Research (Required)
 HIS 136 Problems of East Asian History
 HIS 151 Problems of Contemporary Africa
 HIS 285 American Social and Cultural History, 1800–Present
 HIS 456 International Relations Since First World War
 HIS 509 The Contemporary World

Five of the following for a concentration in Economics:

| | |
|---------|--|
| ECO 150 | Economic Analysis (no previous background required; a prerequisite for any 200 level economic courses) |
| ECO 201 | Economic Analysis for Business Decisions |
| ECO 205 | International Trade and Investment |
| ECO 221 | National Income Analysis |
| ECO 231 | Fiscal and Monetary Problems and Policies |
| ECO 237 | Public Finance and Taxation |
| ECO 300 | Seminar in Economics and Finance |

Cultural Studies: "Multiculturalism and the Dawn of a New Century"

Course Distribution for Cultural Studies

| | |
|--|--------|
| MLS 100 | 3 cr. |
| MLS 200 | 3 cr. |
| Five courses in Anthropological and Cultural Studies | 15 cr. |

Four courses in cultural areas from two departments other than Sociology (two must be from areas other than European and/or North American areas)

12 cr.
33 cr.

Cultural Studies Core Courses. Five of the following:

| | |
|---------|--|
| HIS 158 | History of Ethnic Rivalries in the U.S. |
| HIS 159 | The Immigrant in American History, 1783–1880 |
| HIS 160 | The Immigrant in American History, 1880–Present |
| HIS 180 | Top and Bottom: Class Conflict in European Society |
| HIS 285 | American Social and Cultural History, 1800–Present |
| HIS 509 | The Contemporary World |
| PHI 270 | Theories of Knowledge |
| PHI 350 | Pragmatism |
| PSY 617 | Cognitive Psychology |
| PSY 622 | Social Psychology |
| PSY 630 | Personality Theories |

Cultural Studies Courses. Five of the following (or other under departmental advisement):

| | |
|---------|----------------------------------|
| SOC 113 | Public Opinion and Communication |
| SOC 114 | Trends in the American Culture |
| SOC 116 | Technology and Social Relations |
| SOC 118 | Intercultural Communication |
| SOC 120 | Race and Ethnicity |
| SOC 129 | The Information Revolution |
| SOC 131 | Sociology and Youth |
| SOC 147 | Personality, Society and Culture |
| SOC 241 | Cultural Anthropology |

| | |
|---------|---|
| SOC 248 | Cross-Cultural and Ethnographic Perspectives on Education |
| SOC 252 | The Social and Cultural Dimensions of Aging |
| SOC 350 | Seminar: Cross-Cultural Research and Analysis |
| SOC 351 | Seminar: Ethnic Pluralism and Multicultural Education |
| PHI 270 | Theories of Knowledge |
| PHI 350 | Pragmatism |

Latin America: Any two

| | |
|---------|---|
| MFL 103 | History of the Spanish Language |
| MFL 118 | Contemporary Spanish America |
| MFL 122 | Cultural Heritage of the Antilles |
| MFL 220 | Caribbean Literature in Spanish America |
| GOV 137 | Government and Politics of Latin America |
| GOV 183 | The Puerto Rican Contribution to American Society |
| HIS 487 | Topical Seminar in American History: Latin America and the U.S. |

Far Eastern Cultures: Any two

| | |
|---------|---|
| ASC 144 | Modern Japan Since 1868 |
| ASC 156 | Southeast Asia: The Modern Period |
| ASC 252 | The Cultural Transformation of Modern China |
| ASC 579 | Social and Economic History of Japan |
| GOV 133 | Contemporary Far Eastern Governments and Politics |

Eastern Europe: Any two

| | |
|---------|--|
| HIS 122 | The Russian Revolution |
| HIS 131 | History of Eastern Europe in the 20th Century |
| HIS 460 | History of the Russian Empire |
| GOV 135 | Contemporary Eastern European Governments and Politics |
| GOV 230 | Governments and Politics of the Post-Soviet Republics |
| GOV 290 | Public Administration in Post-Communist Governments |

Africa and the Middle East: Any two

| | |
|---------|---|
| GOV 189 | Political and Administrative Problems of Developing Nations |
| HIS 151 | Problems in Contemporary Africa |
| HIS 164 | Cultural Geography of Africa |
| HIS 176 | Contemporary Middle East |
| HIS 523 | Study in the Modern Middle East |

Philosophy: Any two

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|---------|-----------------------|
| PHI 267 | Political Philosophy |
| PHI 270 | Theories of Knowledge |
| PHI 325 | Marxism |
| PHI 350 | Pragmatism |

American: Any two

| | |
|---------|---|
| HIS 226 | From the Byrds to the Hunts: Classes in American Society |
| HIS 257 | Those Who Followed Columbus: The Italian Experience in the U.S. |
| HIS 272 | Colloquium on the Technological Transformation of the United States |
| HIS 379 | American History and the Social Sciences |

Interdisciplinary Innovations: Innovative Research

| | |
|---------|---|
| MLS 100 | Introductory Seminar in Liberal Studies |
| MLS 200 | Integrating Seminar in Liberal Studies |

A majority of the courses (27 credits) in an area of concentration/related areas, as approved by the Director.

For a complete listing of approved courses, please contact the Dean's office.

Division of Library and Information Science (LIS)

The Division of Library and Information Science offers programs of study leading to the Master of Library Science degree, double master's programs with the Departments of Government and Politics and Pharmaceutical Sciences and the Advanced Certificate in Library and Information Studies.

Accreditation

The graduate program in library and information science leading to the M.L.S. degree is accredited by the American Library Association and the curriculum has been registered and approved by the New York State Education Department.

Programs of Study

Master of Library Science

The M.L.S. degree program is suitable for students interested in many different types of libraries, including public, academic, school and special libraries and information centers. There are five core courses and other requirements which must be selected in consultation with the student's advisor. The student completes the program by taking 12 courses, including requirements and successfully completing a comprehensive examination. Class size ranges from 6 to 25. Most classes have about 15 students.

Persons who have the M.L.S. degree and wish to update their professional education may pursue an Advanced Certificate. The program is custom designed for each student's specific needs.

Entrance Requirements

Applicants seeking admission to the M.L.S. program must submit the following evidence of their ability to pursue graduate study in library and information science:

1. A baccalaureate degree from an accredited college or university. Their undergraduate scholastic achievement must be such as to give reasonable assurance of success in work for an advanced degree. Normally, this will be a "B" (3.0) both in the general average and in the major field. An applicant whose grade-point average is below 3.0 may submit an official copy of his/her (General) GRE score report to support his or her application. Baccalaureate preparation should include courses in the sciences, humanities and social sciences, with a concentration in at least one of these areas.

Applicants intending to meet New York State Education Department requirements for certification as School Library Media Specialist (K-12) must also present evidence of having completed a mandated sequence of coursework in the liberal arts and sciences and in pedagogy. Students not fulfilling all of these prerequisites may be required to complete additional courses in order to meet the qualifications for certification. A list of these courses will be provided to interested applicants.

2. Two letters of recommendation from instructors, librarians or equivalent.
3. A personal interview with the Director or a designated member of the faculty may be required.
4. A statement of professional goals must be submitted by applicant.
5. It is expected that the student will have basic computer skills in word-processing and use of electronic mail and Internet browser software upon entering the program. These competencies can be acquired prior to entering the M.L.S. program or by attending computer-training workshops either on or off campus.
6. Applicants with degrees from foreign academic institutions may be admitted into the Library and Information Science program provided they meet the University and Division admission requirements.

The division requires a combined score of at least 500 in the Test of English as a Foreign Language (TOEFL) from applicants whose native language is not English.

Degree Requirements

The M.L.S. degree requires:

1. Completion of 36 credits with a minimum of a "B" (3.0) average.
2. Completion of all required courses: 203, 204, 205, 211 and 239. Students specializing in areas other than school media must also complete at least one of the following management courses: LIS 231,232,233 or 240.
3. Fulfillment of residence requirement by successfully completing 12 semester hours of academic credit during two consecutive academic semesters.
4. All students are required to choose a concentration. Available concentrations include: information sources and services; information organization; school media services; youth services; and public, academic and special librarianship (Law, Business, etc.). Students must select a concentration before the completion of 24 graduate credits in Library and Information Studies. The faculty advisor and the student will agree on a minimum of four courses which will constitute the concentration and will be recorded on the Student Advisement Checklist. One of these courses will include the management requirement (LIS 231,232,233 or 240).

5. Continuous enrollment and completion of all requirements within a period not to exceed five years.
6. Successful completion of a written comprehensive examination. The rules governing the application and administration of this examination are found under "Comprehensive Examination" in the Graduate Division of Arts and Sciences section in this bulletin.
7. Up to six credits may be taken outside the division with the permission of the Director. (Not applicable to students seeking School Media certification.)

School Media Requirements

The M.L.S. with a concentration in School Media is planned to prepare qualified professionals to teach, research, analyze, produce and supervise the teaching/learning process of a school's library media program.

In order to qualify for New York State initial and professional certification as a School Library Media Specialist (K-12), the student will complete the following:

1. The 36-credit School Media Specialist Program of the Division of Library and Information Science, approved by the New York State Department of Education;
2. Supervised field experience (LIS 999A; 999C);
3. Supervised internship (LIS 269A; 269C);
4. Successfully pass the state-mandated competency test;
5. Complete a two-hour course in each of the following areas: a) recognition and reporting of child abuse and b) school violence intervention and prevention; and
6. Submit to fingerprinting and criminal history background check as required by the Safe Schools Against Violence in Education Act.

Course of Study

Core Courses

| | | |
|---------|--|--------|
| LIS 203 | Introduction to Information Organization | 3 cr. |
| LIS 204 | Introduction to Library and Information Science | 3 cr. |
| LIS 205 | Introduction to Information Sources and Services | 3 cr. |
| LIS 211 | Collection Development and Management of Knowledge Resources | 3 cr. |
| | Sub Total | 12 cr. |

School Media Specialization

| | | |
|----------|--|--------|
| LIS 217 | Multimedia and Technology Resources for School Media Centers | 3 cr. |
| LIS 234 | School Library Media Center Management | 3 cr. |
| LIS 121 | Literature and Related Resources for Children | 3 cr. |
| LIS 226 | Literature and Related Resources for Young Adults | 3 cr. |
| LIS 222 | Materials and Services to Diverse Populations | 3 cr. |
| LIS 261 | Information Sources and Services for Children and Young Adults | 3 cr. |
| LIS 269A | School Media Center Internship: Adolescent | 3 cr. |
| LIS 269C | School Media Center Internship: Childhood | 3 cr. |
| | Sub Total | 24 cr. |

Students must also meet the "B" average, residence and continuous enrollment/time limit requirements specified for all M.L.S. degree candidates. The written comprehensive examination must also be completed.

Combined Degrees

M.A./M.L.S. Program in Government and Politics/Library Science

Under the administration of Graduate Division of the College of Liberal Arts and Sciences, the Department of Government and Politics and the Division of Library and Information Science offer a joint program of study leading to the Master of Arts in Government and Politics and Master of Library Science degrees. Depending upon the option chosen, students complete a total of 57 (non-thesis) credits or 54 credits (thesis) rather than the 69 credits (non-thesis) or 66 credits (thesis) required if both degrees are pursued separately.

The combination of the two graduate programs provide students with the opportunity to integrate two complementary bodies of knowledge: government and politics and library science. The graduate program in government and politics supplements the graduate program in library science by broadening and deepening a student's understanding of the governmental structure, institutions, public administration and the political/legal processes, while at the same time mastering contemporary means of accessing and utilizing related information.

Entrance Requirements

Students must meet the requirements of admission to both the Master of Arts in Government and Politics and the Master of Library Science programs as set forth in their respective sections of this bulletin.

Program Requirements

All M.A./M.L.S. students will complete curricu-

lum requirements for each degree with four courses (12 credits) applying to both programs. These exchange courses include:

| | |
|---------|--|
| GOV 205 | Modern Political Research |
| GOV | Concentration Course |
| LIS 210 | Government Information Sources |
| LIS 265 | Online Database Searching and Services |

All students must complete written comprehensive examinations in both areas.

M.S./M.L.S. Pharmaceutical Sciences/Library Science

The Division of Library and Information Science and the Department of Pharmaceutical Sciences offer a joint program of study leading to the M.S. and the M.L.S. degrees. Students complete a total of 57 credits including 24 semester hours in Library and Information Science, 21 semester hours in Pharmaceutical Sciences and 12 exchange credits. The recipient of the M.S. Pharmaceutical Sciences/M.L.S. degree will acquire expertise necessary for a career in pharmaceutical/health science libraries and information centers located in research facilities, hospitals and pharmaceutical companies. Students must meet the requirements of admission to both the M.S. and M.L.S. programs as set forth in their respective sections of this bulletin. Due to curriculum revisions, prospective students are encouraged to contact the division for information.

Advanced Certificate: Library and Information Studies

The sixth year Advanced Certificate program provides an opportunity for practicing librarians and information specialists to update their skills by completing advanced coursework tailored to their professional interests and needs. In consultation with an advisor, professionals select courses in areas as diverse as digital libraries, information ethics, language structure and thesaurus development, telecommunications technology and policy, preservation technology and metadata for information professionals. The program offers a multidisciplinary approach geared to the individual student by drawing upon related courses from other units of the University. Credits may be elected from outside the division but within the University in a related subject area.

Admission Requirements

Applicants must submit evidence of having completed the M.L.S. degree, a personal statement and two letters of recommendation.

Certifications

School Library Media Specialist

In order to qualify for certification as a School Library Media Specialist (K-12) from the New York State Education Department (NYSED), a student must complete the M.L.S. degree following the School Media Specialist Program outlined in this bulletin. This includes all aca-

demic coursework, field-experience, internship, testing, external courses and background check/fingerprinting mandates. With the completion of all requirements, the application to NYSED may be submitted.

Librarians seeking NYSED School Library Media Specialist certification who have received the M.L.S. degree either from St. John's or from another ALA-accredited institution but who have not completed the approved program should contact the Associate Director for information and credentials analysis.

Certification for Public Librarians in New York State

The Professional Certificate will be issued to St. John's graduates who provide proof of completion of the M.L.S. degree. There is a \$5 fee for the certificate which must be included with application.

Experiential Learning

The M.L.S. program faculty encourage students to explore the profession in an experiential, hands-on approach that complements the theoretical base fostered through readings, research and class discussion. To that end, service-learning activities, field trips and individually arranged site visits are required components of many courses and are expected of all students.

Incoming students are expected to demonstrate proficiency in basic computer skills in order to satisfy the requirements for all courses. A self-assessment tool is administered during new student orientation; based upon the results, a student may be required to schedule a session with a lab supervisor in order to be prepared for introductory coursework in the program.

Internships

Field experience is available as part of non-credit or credit-bearing internships. A student may elect to complete an informal, voluntary position within a library, archive, or information center in order to observe and/or participate in the activities of the profession. A paid, compensated position may not double as an internship. Credit-bearing internships are encouraged of all students and are required of those pursuing a concentration leading to school library media specialist certification.

Students who complete an internship experience for academic credit register for respective course(s) according to their interest and area of concentration. Students pursuing NYSED School Library Media Specialist Certification enroll in LIS 269A and 269C. Those completing concentrations in all other areas enroll in LIS 269B.

Interested students are required to meet with the Internship Coordinator the semester prior to registering for an internship course in order for the field site to be approved and the paperwork completed. The student must be

academically eligible in order for the placement to be approved (i.e., all prerequisites must have been satisfied prior to registration). The internship must be completed under the direction of a certified, professionally qualified site supervisor whose credentials have been approved by the Internship Coordinator. All interns are required to complete course paperwork as assigned and attend on-campus meetings as scheduled.

Facilities

In addition to the University Libraries' collections of over 1.3 million volumes and microforms, there is a Library and Information Science Library with a collection of over 20,000 volumes and over 350 subscriptions to print and electronic publications. The LIS Library is located on the fourth floor of the University Main Library, adjacent to the Division's facilities on the Queens campus.

The DLIS Information Access Laboratory is equipped with 16 computers and provides guided experience in cataloging, online database and internet use and media production.

The division has three modern well-equipped, attractively furnished classrooms and a spacious student lounge. One is an electronic classroom with 18 networked computers for students and one teacher workstation. Other equipment includes a projection system for computers, video and document cameras. Our second and third classrooms have teacher workstations and computer projection systems. The third room is also a seminar room.

The University's Office of Information Technology provides a campus-wide client/server network (running under the latest version of Windows NT), an academic computing building (Sullivan Hall) with a state-of-the-art computing laboratory and many electronic classrooms. The network provides a large-scale server for academic computing. Standard software includes MS Word, Access, Excel, PowerPoint and Internet Explorer. Other software is provided as needed. A second computing lab is provided in Marillac Hall.

Financial Aid

Qualified graduate library and Information Science students are eligible for assistantships which include tuition remission and a stipend; these assistantships are awarded for service to the division and the libraries of the University, including the Law Library, the Loretto Memorial Library in Staten Island and the main Library on the Queens campus. The Division also offers several scholarships and financial awards to qualified students. In addition, Fellowships have been awarded by the Federal Government and scholarships are available from the New York State Education Department, the Catholic Library Association, the H.W. Wilson Company and other corporations.

Student Assistance

Advising

Each graduate student admitted to the division is assigned an academic advisor from the full-time faculty who should be retained by the student unless he/she elects to change advisors because of professional interest. The advisor must be consulted at least once a semester (prior to pre-registration) to ensure the most effective choice of courses.

Placement

The division regularly provides information on employment opportunities via the student listserv and postings in the department. A placement service is also available from the St. John's University Placement and Career Development Center. Every possible effort is made to assist the student to find the kind of professional employment desired. Types of placement include:

- Information Industry
- Information Organization
- Legal Information Services
- Children's Services
- Administration and Management
- College and University Librarianship
- Library Systems and Automation
- Community Information Services
- Library Technical Services
- Corporate Information Services
- Online Searching and Services
- Public Library Services
- Health Information Services
- Publishing
- Indexing and Abstracting
- Young Adult Services

Alumni Organizations

Graduates of the Division of Library and Information Science are automatically eligible for membership in the Alumni Association. Alumni serve on division committees and may sponsor such activities as the William A. Gillard lecture.

Beta Phi Mu

Graduates of the Division of Library and Information Science with a superior record and recommended by the Director are eligible for membership in Beta Phi Mu.

Courses

Detailed course descriptions are available on the Division of Library and Information Science Web site: www.stjohns.edu/librarianscience.

Required Fundamentals Course

204 Introduction to Library & Information Science

A survey of the field including theory/practice, historical trends/developments, computer-based and other information systems and societal concerns. Must be taken as one of the first two courses. *Credit: 3 semester hours.*

Required Core Courses

203 Introduction to Information Organization

Co-requisite: LIS 203L.

Theories, systems, and practices of information organization. Emphasis on understanding the basic function of library catalogs, indexes, metadata, finding aids and Internet search engines. *Credit: 3 semester hours.*

205 Introduction to Information Sources & Services

Scope, organization, and evaluation of reference sources and services, with emphasis on information use and retrieval in a virtual environment and contemporary models of service delivery. *Credit: 3 semester hours.*

211 Collection Development & Management of Knowledge Resources

Prerequisite: LIS 204

Philosophy and methods of managing collections in physical and virtual libraries, with emphasis on assessing and meeting information needs. May include a service learning requirement. *Credit: 3 semester hours.*

239 Research & Evaluation Methods

Methods applicable to research and evaluation in librarianship and information science; basic data analysis; planning, designing, evaluating, conducting and reporting research and evaluation. *Credit: 3 semester hours.*

Elective Courses

121 Literature & Related Resources for Children

A survey of books and other materials for children, with emphasis on selection criteria, developing evaluation skills, familiarity with award-winning titles and book presentation. Requires fieldwork. *Credit: 3 semester hours.*

125 Library Materials & Services for Young Children

Materials and services for the young child (infant through preschool), Theories underlying services. Selection, analysis and presentation of books, and other appropriate materials. Requires fieldwork. *Credit: 3 semester hours.*

127 Library Services for Children

Serving children in the public library, with emphasis on user needs, storytelling skills, programming, information services, policies and guidelines, and maintaining collections. Requires fieldwork. *Credit: 3 semester hours.*

128 Library Services for Young Adults

Serving young adults in the public library, with emphasis on user needs, book talk skills, programming, information services, policies and guidelines, and maintaining collections. Requires fieldwork. *Credit: 3 semester hours.*

153 Information Sources in Religion

Reference works, Internet sources, publishing, and libraries in the field of religion. Treatment of religion in general information sources; specialized concordances, bibliographies, indexes. *Credit: 3 semester hours.*

210 Government Information Sources

Prerequisite: LIS 205.

Government information resources at the local, state, national, and international levels.

Selection, organization, and dissemination; changes in distribution policies and format.

Credit: 3 semester hours.

213 Popular Culture & the Young Adult

An exploration of contemporary, popular entertainment media oriented toward and accepted by adolescents, with emphasis on film, television, music, magazines, and the Internet. *Credit: 3 semester hours.*

216 Youth Literature: A Critical Approach

An examination of selected books for children and young adults, with emphasis on the study of literary elements and the application of critical analysis. *Credit: 3 semester hours.*

217 Multimedia & Technology Resources for School Media Centers

Prerequisites: LIS 204, 205, 261.

The knowledge and skills to select, plan, produce, and implement various forms of multimedia and technology in the educational process in order to deliver effective academic programs K-12. *Credit: 3 semester hours.*

222 Materials & Services to Diverse Populations

Information needs of diverse populations, including the aged, illiterate, individuals with disabilities, and racial, ethnic, and linguistic minorities. *Credit: 3 semester hours.*

223 Preservation Technology in Library & Information Science

Preservation techniques for materials in collections; basic structure and weaknesses; diagnostic and treatment practices; application of appropriate and creative solutions to preservation problems. *Credit: 3 semester hours.*

224 Language Structure & Thesaurus Development

Applied linguistics for information organization and retrieval, with focus on the design of structured controlled vocabularies (thesauri) for indexing and searching.

Credit: 3 semester hours.

225 Classification Schemes & Information Architecture

Classification schemes for arrangement of physical and virtual collections; distinctions between classification and categorization and folk taxonomies. Analysis and design of information architecture of Web sites.

Credit: 3 semester hours.

226 Literature & Related Resources for Young Adults

A survey of books and other materials for young adults, with emphasis on selection criteria, developing evaluation skills, familiarity with award-winning titles and book presentation.

Requires fieldwork. *Credit: 3 semester hours.*

228 Indexing and Abstracting

Prerequisites: 203 or 204.

Theory/methods of information analysis for retrieval. Subject analysis, abstract preparation, vocabulary control methods/devices, specialized systems, machine-aided and automated indexing. *Credit: 3 semester hours.*

229 Computer Programming Applications for Library & Information Science

The fundamentals of designing 'large' computing applications. UML modeling methods are introduced and applied to Library processes, such as acquisitions, cataloging, and circulation. *Credit 3 semester hours.*

230 Introduction to Digital Libraries

The contextual framework for digital libraries including the creation, structure, access and use of digital information. Analysis of digital library projects. *Credit: 3 semester hours.*

231 College & University Libraries

Academic library administration, planning, staffing, and evaluation. The history of higher education and the college library in the U.S. The impact of demographic and social changes on the provision of service.

Credit: 3 semester hours.

232 Special Libraries & Information Centers

The goals, organization, operation, environment, functions, and services of special libraries/information centers; collection issues, user services, management, and marketing.

Credit: 3 semester hours.

233 Public Libraries & Community Information Centers

The objectives, organization, and services of contemporary public libraries, including the ways in which they serve diverse communities and reach underserved populations Field trips may be required. *Credit: 3 semester hours.*

234 School Library Media Center Management

Prerequisites: 204, 205, 211.

Administration of the academic program, services, collection, staff, and budget of the school library media center. Planning, research, and evaluation methods for compliance with state and national standards.

Credit: 3 semester hours.

235 Advanced Cataloging Metadata for Libraries

Prerequisite: 203.

Special problems in the organization of print and non-print materials and electronic resources, with emphasis on authority control and metadata for resource description and retrieval. *Credit: 3 semester hours.*

236 Systems Analysis & Library Automation

Design, selection, implementation and management of automated library systems, including integrated systems for acquisitions, cataloging, circulation, and management of information resources. *Credit: 3 semester hours.*

237 Metadata for Information Professionals

Metadata applications in a variety of information environments, libraries, archives, museums, and information centers. Major metadata schemes, encoding standards, and structures. *Credit: 3 semester hours.*

238 Web Design for Libraries & Information Centers

An information architecture approach to the design of web sites for large enterprises. Topics include information content, organization, labeling, navigation, searching, usability, and accessibility. *Credit: 3 semester hours.*

240 Management of Libraries & Information Centers

Leadership and management principles relating to the operation of libraries and other information enterprises. Leading, planning, evaluating, staffing, housing, equipping, and financing. *Credit: 3 semester hours.*

245 History of Books & Printing

Evolution of the book, including the history of writing, print/presses, type design, and illustrations; characteristics of vellum, paper, ink; book composition, binding, materials and methods. *Credit: 3 semester hours.*

246 Practical Conservation & Preservation of Library Materials

A practical approach to the principles and applications of conservation and preservation of library materials as daily functions of library management, including digital techniques. *Credit: 3 semester hours.*

247 Networks in Library & Information Science

Introduction to the tools, resources, and information systems available through networks linked by the Internet. Network architecture, local area networks and bibliographical utilities are explored. *Credit: 3 semester hours.*

248 Database Management Systems

The fundamental concepts and issues of database management systems. Topics include entity and relationship modeling, SQL, relational database design, data integrity, and XML.

Credit: 3 semester hours.

249 Archives & Manuscripts: Basic Functions & Current Issues

Management of archives and manuscript repositories, including basic functions and skills required of an archivist or curator of manuscripts as well as current issues and topics. *Credit: 3 semester hours.*

250 Information Sources in the Arts & Humanities

Prerequisite: 205. Evaluation, selection and use of print and electronic (esp. digitized) resources in the arts and humanities (philosophy, religion, literature, the fine arts, the performing arts, and film). *Credit: 3 semester hours.*

251 Information Sources in the Social & Behavioral Sciences

Prerequisite: 205. Evaluation, selection, and use of print and electronic resources in the social and behavioral sciences (sociology, history, government, education, psychology, anthropology, business, economics). *Credit: 3 semester hours.*

252 Information Sources in Science & Technology

Prerequisite: 205. The structure and literature of scientific and technical communication. Print and electronic references are examined. A background in the sciences is not required or assumed. *Credit: 3 semester hours.*

254 Legal Research I

Prerequisite: 205.

A foundation course in legal research. The law-making process, primary and secondary sources of the law in print and online, effective research strategies, and proper citation form. *Credit: 3 semester hours.*

255 Information Sources in Business & Economics

Prerequisite: 205. Print and electronic information resources and services in business, economics, finance, and related literature. Organization, administration, and services of business libraries/ information centers. *Credit: 3 semester hours.*

256 Medical Information & Librarianship

Prerequisite: 205. Major reference works and Internet resources in health sciences as well as the administration and organization of medical libraries, with emphasis on the National Library of Medicine. *Credit: 3 semester hours.*

261 Information Sources and Services for Children & Young Adults

Non-fiction and reference sources and services in school and public libraries as they relate to curriculum support and information literacy. Focus on the child as reference interview participant/learner. *Credit: 3 semester hours.*

262 Advanced Information Sources & Services

Prerequisite: 205. In-depth examination of reference sources and services. Emphasis on the historical and continuing role of print resources; e-reference; impact of Google; information behavior, and information literacy. *Credit: 3 semester hours.*

263 Information Ethics

The ethical challenges experienced by information providers in the past and present: possible ethical dilemmas of the digital future. How information providers make choices in a variety of contexts. *Credit: 3 semester hours.*

264 International Librarianship

History, development, and current status of libraries worldwide. Poverty, literacy, information access, the impact of war and natural disasters, information policies, and intellectual and financial limitations. *Credit: 3 semester hours.*

265 Online Database Searching

Prerequisite: 205.

Study and use of online bibliographic databases in a wide variety of subject areas. Emphasis is on appropriate database selection, search strategies, and information delivery modes. *Credit: 3 semester hours.*

267 Business Databases Online

Prerequisite: 265. Survey of business databases; search strategies and techniques suitable for the business environment; hands-on experience with selected databases. *Credit: 3 semester hours.*

268 Legal Research II

A second course (after LIS 254) in legal research. Students will be introduced to the lawmaking process, primary and secondary sources of the law in print and online, effective research strategies, and proper citation form. *Credit: 3 semester hours.*

269 Internship

Prerequisites: All required courses and preferably all courses in the concentration. A supervised professional experience combining theory and practice in a library or information center. Meetings and reports required; may be taken for a total of three credits. *Credit: 1, 2, or 3 semester hours.*

269A School Media Center Internship: Adolescent

Prerequisites: All courses and field experience (LIS 999A, 999C). A supervised professional experience combining theory and practice in a 7-12 school library media center. Meetings of participants are held and reports required. *Credit: 3 semester hours each.*

269C School Media Center Internship: Childhood

Prerequisites: All courses and field experience (LIS 999A, 999C). A supervised professional experience combining theory and practice in a K-6 school library media center. Meetings of participants are held and reports required. *Credit: 3 semester hours.*

270 Colloquia

Current issues and trends in library and information science as well as other topics of current interest are presented by prominent outside speakers, alumni, and members of the faculty. *No credit.*

271 Special Topics in Library & Information Studies

A special topic on an issue not normally covered in the MLS curriculum will be examined in-depth. The format will depend upon the topic to be covered. Offered occasionally. *Credit: 3 semester hours.*

272 Exploring New York Libraries

Field trips to outstanding libraries of the New York metropolitan area that embody exceptional service, architecture, technology, and collections. Final project is required. Summer course. *Credit: 3 semester hours.*

280 Telecommunications Technology & Policy

Telecommunications applicable to library and information studies emphasizing communications hardware, data transmission, and network policies (federal regulation of the industry). *Credit: 3 semester hours.*

901 Special Research & Projects I**902 Special Research & Projects II**

The formal presentation of a research paper or project (survey, history, bibliographic essay, etc.) resulting from investigation of a problem under the direction of a member of the faculty. *Credit: 3 semester hours.*

925 Maintaining Matriculation

Master's students who are not registered for other courses must register for 925 until degree requirements are completed and the degree is granted. *Fall-Spring only. No credit. Fee: \$50.*

999A School Library Media Field Experience: Adolescent**999C School Library Media Field Experience: Childhood**

Supervised observation in approved school settings. Must complete 50 hours at each level and complete seminars for internship eligibility (i.e., LIS 269A, LIS 269C). *No credit; Fee: \$25 per course.*

300 Field Experience

Prerequisites: All required courses and preferably all courses in the concentration. Fieldwork involving observation of professional activities in a library, information center, or archive setting. Resulting in a project that addresses an issue in the field. *Credit: 1 semester hour.*

301 Government Information on the Web

Prerequisite: 205.

Electronic sources for government information at all levels. Emphasis on Web sites and Internet portals providing access to the publications, periodicals, and databases of government agencies. *Credit: 1 semester hour.*

302 Genealogical Sources & Services

Prerequisite: 205.

Sources and services to assist patrons with genealogical research. Research methodology, conducting the reference interview, and the use and evaluation of print and electronic resources. *Credit: 1 semester hour.*

303 Dublin Core Metadata

Prerequisite: LIS 203.

Goals, major concepts, and elements relating to the application of Dublin Core Metadata for information organization. Schemes, encoding standards, functions, syntax, content, and structure. *Credit: 1 semester hour.*

304 Librarian as Teacher

Prerequisite: LIS 205.

The role of the librarian as teacher; knowledge and skills necessary for instruction and training in library and information settings. Issues and strategies for effective instruction.

Credit: 1 semester hour.

305 Online Reference Service

Prerequisite: LIS 205. Electronic reference: email and chat services. Special circumstances, policies/practices, copyright concerns, development of online training modules Participation in mock chat and email reference required.

Credit: 1 semester hour.

306 Fundamentals of Databases

Prerequisite: LIS 204, 205. Introduction to databases, including MS Access. Applications in libraries and information center settings.

Credit: 1 semester hour.

307 Introduction to Music Librarianship

Prerequisite: LIS 205. Overview of reference sources and services, organization of information, and collection management for music libraries and collections. *Credit: 1 semester hour.*

308 Book Index Structures: In Print & on the Web

Prerequisite: LIS 204 or 203. Preparation of book indexes, covering indexable matter, structure of index entries, cross references, filing, format, and indexer-publisher relations. Manual and computer-assisted techniques. *Credit: 1 semester hour.*

309 Case Studies in Librarianship

Prerequisite: LIS 204, 205, 211, and a management course. Problem-solving and decision-making strategies through the use of case studies addressing issues germane to public, academic and special libraries as well as archives and other information centers. *Credit: 1 semester hour.*

For a complete listing of approved courses, please contact the Dean's office.

Department of Mathematics and Computer Science (MTH CSC)

Programs of Study: Master's Program

Entrance Requirements

The undergraduate preparation necessary for graduate work in this department is a major sequence in mathematics. Where there is a deficiency, the Educational Policy Committee of the department will determine the courses the applicant must take in order to matriculate for the master's degree. It is recommended that a prospective student complete a major comparable to that of the undergraduate program at the University. Students with foreign academic credentials may be required to submit GRE scores; all such students are strongly advised to do so. Specific information may be obtained by writing to the Coordinator of Graduate Advisement, Prof. Charles Traina, c/o the Department of Mathematics and Computer Science.

Undergraduate students exceptionally qualified may, with the approval of the appropriate Deans and the department, elect to take graduate courses for deferred credit towards the M.A.

The Program

There are two tracks of study: 1) a traditional track, designed to prepare M.A. candidates for further study on the doctoral level or to serve as their terminal degree; and 2) a "teacher" track that provides M.A. candidates with the "nuts and bolts" of mathematics that are essential for presenting the subject in a clear, relevant manner.

Core Courses

Traditional Track

| | | |
|-------------|-------------------------|-------|
| MTH 307;308 | Real Variables I, II | 6 cr. |
| MTH 207;208 | Complex Variables I, II | 6 cr. |
| MTH 211 | Modern Algebra I | 3 cr. |
| MTH 226 | Point Set Topology | 3 cr. |

Teacher Track

| | | |
|-------------|-------------------------|-------|
| MTH 103;104 | Advanced Analysis I, II | 6 cr. |
| MTH 121 | Modern Geometries | 3 cr. |
| MTH 211 | Modern Algebra I | 3 cr. |
| MTH 215 | Number Theory I | 3 cr. |

M.A. candidates may select their remaining courses for either track in consultation with their departmental advisor.

Candidates for the M.A. degree in mathematics also may choose between a thesis or non-thesis option:

Thesis option (recommended for students planning to pursue doctoral study):

30 semester hours in courses, including MTH 307, 308 and a Master's Research course (MTH 900, 6 credits).

Students select the remaining courses with the approval of their faculty advisor.

Non-thesis Option:

33 semester hours in courses, including MTH 307 and 308.

Students select the remaining courses with the approval of their faculty advisor.

Whether students choose the thesis or non-thesis option, the department recommends that first-year students take MTH 207 and 208. Second-year students are urged to take MTH 307 and 308. In addition, students in the thesis and non-thesis options take their written master's comprehensive examinations in Complex Variables, Linear Algebra and a topic selected by the student. For the oral comprehensive examination, students select one other area.

Combined Degrees: B.A./M.A.

The Department offers an intensive, accelerated combined degree program leading to both the B.A. and M.A. degrees in mathematics in five years of full-time study. Qualified undergraduates who have completed their sophomore year with a 3.3 cumulative index and a 3.25 index for 12 credits in mathematics are encouraged to apply. For specific information, students should consult with the Department B.A./M.A. Advisory Committee.

Courses

Algebra and Number Theory

209 Linear Algebra I

An advanced treatment of the basic concepts of linear algebra; vector spaces, linear transformations, matrices, inner-product spaces. *Credit: 3 semester hours.*

211; 212 Modern Algebra I, II

The fundamentals of abstract algebraic structures; groups, rings, ideals, fields, field extensions and Galois Theory. *Credit: 3 semester hours.*

215; 216 Number Theory

Factorization, divisibility, congruence, arithmetic functions, distribution of primes, Diophantine equations and approximation, basic algebraic number theory. *Credit: 3 semester hours.*

Analysis and Topology

103;104 Advanced Analysis

This course is intended to bridge the gap between Advanced Calculus and Real Variables; basic concepts of analysis are discussed. *Credit: 3 semester hours.*

207;208 Theory of Functions of a Complex Variable

Prerequisite: Advanced Calculus or MTH 103;104 or permission of instructor. Fundamental ideas of complex analysis, analytic functions, elementary functions, Cauchy integral theorems, residue theory, conformal mapping, analytic continuation, representation of regular functions by series, mapping of polygonal domains, applications of the theory of residues, Mittag-Leffler's theorem, Weierstrass's theorem, Riemann mapping theorem. *Credit: 3 semester hours.*

226;227 Point Set Topology

General notions of topological spaces and metric spaces including metrization theory and function spaces. *Credit: 3 semester hours per semester.*

307;308 Theory of Functions of a Real Variable

Prerequisite: MTH 103;104 or permission of instructor. Real number system; continuous and differentiable functions; metric and Hausdorff spaces; measure and integration; differentiation; introduction to functional analysis. *Credit: 3 semester hours.*

325;326 Functional Analysis

Prerequisite for MTH 325 Linear Algebra and Advanced Calculus. MTH 325 is a prerequisite for MTH 326. Metric, Banach and Hilbert spaces, the principle of uniform boundedness, Hahn-Banach Theorem, topological vector spaces, convexity. *Credit: 3 semester hours.*

Applied Mathematics

150 Introductory Combinatorics

Introduction to combinatorial mathematics and its applications with an emphasis on techniques of enumeration. *Credit: 3 semester hours.*

167 Mathematical Modeling I

The study of mathematical model building with application to the social and life sciences. *Credit: 3 semester hours.*

168 Mathematical Modeling II

Prerequisite: MTH 167 or permission of instructor. Further study of topics in mathematical modeling; provision for individual student projects. *Credit: 3 semester hours.*

172;173 Operations Research I, II

A survey of operations research methods for problem solving, with an emphasis on formulation, solution and decision analysis; linear programming; general mathematical programming techniques; scheduling and allocation problems; optimal decision-making in an uncertain environment, inventory theory; Markov chains and queueing theory; application of optimization techniques. *Credit: 3 semester hours per semester.*

213 Applied Algebra

Groups, rings, finite fields and other topics selected from modern algebra for their applicability to the study of computer science. *Credit: 3 semester hours.*

217;218 Theory of Differential Equations I, II

Prerequisite: Advanced Calculus or MTH 103;104 or permission of instructor. Study of well-posed ordinary and partial differential equation problems; exact and approximate methods of solution; equations and functions of mathematical physics. *Credit: 3 semester hours.*

235;236 Numerical Analysis

Weierstrass's polynomial approximation theorem, polynomial interpolation, Newton's divided differences, ordinary differences, cubic interpolation with modified differences, numerical differentiation, numerical integration, Gaussian quadrature, initial value problems in ordinary differential equations; Milne's method, Runge-Kutta method, Boundary value problems, systems of linear algebraic equations, matrix inversion, eigenvalue problems, zeros of functions. *Credit: 3 semester hours.*

250;251 Applied Analysis I, II

Review of linear spaces, spectral theory of operators, distributions and Green's functions, boundary value problems of ordinary and partial differential equations. *Credit: 3 semester hours.*

360;361 Topics in Applied Mathematics I, II

Topics to be selected by the instructor from areas of contemporary mathematical interest. *Credit: 3 semester hours.*

Probability and Statistics

161 Introduction to Probability

Prerequisite: Integral Calculus. Probability spaces, elementary and general; random variables and their probability distributions; distribution functions; density functions. *Credit: 3 semester hours.*

162 Introduction to Mathematical Statistics and Statistical Inference

Prerequisite: MTH 161 or permission of instructor. Random sampling, the law of large numbers, estimation of parameters; statistical inference and decision procedures; applications. *Credit: 3 semester hours.*

231;232 Probability

Prerequisite: Advanced Calculus or MTH 103;104.

A study of the mathematical theory of probability from the measure theoretical, frequency and subjective points of view; special distributions, characteristic functions, limit theorems, stochastic processes. *Credit: 3 semester hours.*

233;234 Mathematical Statistics

Prerequisite: Introductory Probability or Statistics and Introductory Linear Algebra or consent of the instructor. An advanced treatment of the basic theory of statistics within a unified framework; the concept of statistical inference, sampling theory, parametric estimation and hypothesis testing, correlation and regression, distribution-free methods and nonparametric problems. *Credit: 3 semester hours.*

Set Theory and Logic

220 Foundations of Mathematics

Sets of axioms and their properties, mathematical systems. Introduction to various schools of mathematical thought. *Credit: 3 semester hours.*

121 Modern Geometries

Axiomatic systems. Study of Euclidean and non-Euclidean Geometries. *Credit: 3 semester hours.*

403;404 Seminar I, II

Topic to be arranged. *Credit: 3 semester hours.*

900 Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the master's degree requirements. *Credit: 3 semester hours.*

925 Maintaining Matriculation

Master's students who are not registered for other courses must register for MTH 925 until all degree requirements are completed and the degree is granted. *No Credit. Fee: \$50 per semester.*

For a complete listing of approved courses, please contact the Dean's office.

Department of Psychology (PSY)

The Department of Psychology offers a Doctor of Philosophy (Ph.D.) program in Clinical Psychology, a Master of Arts (M.A.) program in General-Experimental Psychology and Master of Science (M.S.) and Doctor of Psychology (Psy.D.) programs in School Psychology. The Ph.D. program in Clinical Psychology is fully accredited by the American Psychological Association. The Ph.D. program in Clinical Psychology offers two tracks of study: a general course of study in clinical psychology (General track) and a subspecialty track which offers advanced training in clinical child psychology (Clinical Child track). The M.S. and Psy.D. programs in School Psychology also offer two tracks of study: a general course of study in School Psychology (General track) and a subspecialty track in bilingual school psychology (Bilingual track). The M.S. program is approved by the National Association of School Psychologists.

General Admission Requirements

Admissions to the Ph.D., Psy.D. and M.S. programs are for the Fall semester only. Applications for Fall admissions must be completed as follows:

Ph.D., February 1

Psy.D., February 1

M.S., March 15

Applications to the M.A. program are accepted throughout the year. Admissions to the M.A. program are for the fall and spring semesters. Students admitted in the Spring semester are limited to six credits for that semester because most subject areas are covered in one-year course sequences.

Applicants for all degree programs must:

1. Possess a baccalaureate degree.
2. Satisfy the department that his or her undergraduate preparation indicates a high potential for successful advanced study in psychology.
3. Submit transcripts of undergraduate and any prior graduate work.
4. Have completed a minimum of 24 undergraduate credits in psychology, including courses in Introductory Psychology, Statistics and a laboratory course.
5. Submit three to five letters of recommendation, one of which must be from an individual who will address the matter of the applicant's research potential.
6. Submit two papers from psychology courses: one a laboratory paper and one a term paper.
7. Provide a clearly written statement of educational and professional goals.

Applicants for the Ph.D., Psy.D. and M.S. programs must also submit acceptable scores from the Graduate Record Examinations (General and Subject). In addition, one or more interviews by the departmental admissions committee may be requested of applicants to the Ph.D. and Psy.D. programs.

Those students currently matriculated for a master's degree at St. John's University who are interested in the University's doctoral programs must follow the procedure outlined for new applicants. Students accepted for admission to a doctoral program with any course deficiencies must remove these deficiencies prior to matriculation. Students accepted for admission to a master's program with any course deficiencies should attempt to make up these deficiencies prior to starting the program; however, it is possible to make up certain deficiencies within the first year of graduate work. Deficiencies may be completed during the summer preceding matriculation by enrolling in appropriate undergraduate or 100-level courses. Credit toward the degree will not be awarded for any courses used to remove deficiencies.

The Ph.D. program in Clinical Psychology requires that students maintain full-time status for the duration of the program. Although full-time status is preferred for all other programs, the Psy.D., M.S. and M.A. program may be undertaken on a part-time basis with a *minimum* of six credits per semester.

Programs of Study

Clinical Psychology Doctoral Program

General Program Requirements

The Doctoral Program in Clinical Psychology requires four years of full-time coursework and practicum experience in addition to successful completion of a comprehensive examination, clinical internship, Master's thesis and dissertation (PSY 950, Doctoral Research). Students are evaluated after completing each level to determine their eligibility to progress to the next level.

The program is designed to provide a logical progression of coursework over Levels I-IV. The first two levels are directed at imparting the basic principles and skills in assessment, statistics, foundations, psychotherapy and research methodology. The student is expected to submit a dissertation proposal for approval during Level III; mentor approval of the proposal is required prior to submission of internship applications. The student's progress toward completion of the dissertation requirement will be evaluated each semester; failure to make satisfactory progress may result in termination from the program.

Students begin their clinical practicum training during Levels I-II at our training clinic, the St. John's University Center for Psychological Services. During Levels III and IV there is further development of various clinical skills through concentrated work in clinical externship settings and related coursework and continuation of clinic practicum work at our training clinic. The comprehensive examination must be taken in the Summer preceding Level IV. Students will be afforded two opportunities to pass the examination and successful completion of the exam is required for continuation in the program. Upon passing the exam, the student must register for Doctoral Research (PSY 950, 3 credits) in the spring of Level IV and each semester thereafter.

The fifth year of the program is normally devoted to a full-time clinical internship which has been approved by the department. During the internship year, the student must register for PSY 903 and PSY 904 (which carry no academic credit) and PSY 950 (1 credit). There is a charge of \$100 per semester for PSY 903 and PSY 904. Instead of embarking on an internship during the fifth year, students may elect to work toward completing their dissertation research and defer their internships for a year. Clinical child track students must complete an approved internship that has a substantial concentration in clinical work with children, adolescents or families.

Students elect, at the point of application to the program, one of two tracks of study within the Clinical Psychology program in which they can pursue more concentrated training opportunities: (1) the general track; or (2) the clinical child track. Students in either track of study may take additional (elective) coursework from among the required courses offered in the other track.

Program Requirements

Courses are divided into five areas of specialization:

- a. Foundations
- b. Research and Methodology
- c. Personality, Social Behavior and Abnormal Behavior
- d. Assessment
- e. Psychotherapy

These areas are progressively developed over the five levels of the program. The following is a breakdown, by area of specialization, of the required courses in the program.

- a) Foundations:** These offerings are designed to transmit a basic fund of knowledge relating to the history and science of the discipline.
- 606 Perception I, OR 616 Principles of Learning, OR 617 Cognitive Psychology
 - 648 Physiological Psychology
 - 650 History and Systems of Psychology
- b) Research and Methodology:** These courses provide instruction in research and methodology with the aim of understanding basic research, designing investigation procedures and applying research to help solve personal and social problems.
- 608 Statistical Design in Research
 - 609 Research in Clinical Psychology
 - 614 Multivariate Design and Analysis for Psychological Research
 - 659 Psychological Measurement and Scaling
 - 900 Master's Research
 - 950 Doctoral Research
- c) Personality, Social Behavior and Abnormal Behavior.**
- 622 Social Psychology
 - 623 Developmental Psychology I
 - 624 Developmental Psychology II (Clinical Child Track)
 - 627 Cultural Diversity in Psychological Services
 - 726 Psychopathology I
 - 727 Psychopathology II
 - 861 Psychopharmacology
- d) Assessment:** Evaluation of people using the skills of observation, interviewing and psychological testing; the theory, development, reliability, validity, appropriate usage, administration, scoring, interpretation and reporting of the results of the assessment techniques.
- 635 Objective Personality Assessment, or
 - 835 Neuropsychological Assessment
 - 660 Assessment I (Intelligence Testing)
 - 663 Assessment II (Personality Assessment)
 - 668 Assessment Lab I
 - 670 Assessment Lab II
- e) Psychotherapy:** Theory, research, techniques and supervised experience in various psychotherapeutic methods.
- 631 Psychoanalytical Psychotherapy
 - 658 Professional and Ethical Issues
 - 741 Assessment and Intervention Practicum I, III
 - 742 Assessment and Intervention Practicum II, IV
 - 750 Behavior Therapy
 - 760 Marital and Family Therapy (Clinical Child Track)
 - 843 Child and Adolescent Psychotherapy (Clinical Child Track)

Clinical Psychology Tracks

*General Track

Level I

Fall

- 606 Perception I, (616) Principles of Learning or (617) Cognitive Psychology
- 608 Statistical Design in Research
- 660 Assessment I: Intelligence Testing
- 698 Clinic Practicum I
- 726 Psychopathology I

Spring

- 614 Multivariate Statistics
- 727 Psychopathology II
- 663 Assessment II: Personality Assessment
- 699 Clinic Practicum II
- 750 Behavior Therapy

Summer

- 659 Psychological Measurement and Scaling Elective *

Level II

Fall

- 609 Research in Clinical Psychology
- 623 Developmental Psychology I
- 631 Psychoanalytic Psychotherapy I
- 668 Assessment Lab I
- 701 Clinic Practicum III

Spring

- Elective*
- 627 Cultural Diversity in Psychological Services
- 670 Assessment Lab II
- 702 Clinical Practicum IV
- 900 Master's Research

Summer

- 705 Clinic Practicum V Elective*

Level III

Fall

- 648 Physiological Psychology
- 658 Professional and Ethical Issues
- 741 Assessment and Intervention Practicum I

Spring

- 742 Assessment and Intervention Practicum II
- 861 Psychopharmacology Elective*

Summer

- 706 Clinic Practicum VI

N.B. Two days per week must be spent in practicum work in a clinical facility at Level III.

Level IV

Fall

- 741 Assessment and Intervention Practicum III Elective*
- 622 Social Psychology

Spring

- 650 History and Systems
 - 742 Assessment and Intervention Practicum IV
 - 950 Doctoral Research Elective*
- N.B. At least one day a week must be spent in practicum work in a clinical facility at Level IV.*

Level V

Fall

- 903 Clinical Psychology Internship I
- 950 Doctoral Research

Spring

- 904 Clinical Psychology Internship II
- 950 Doctoral Research

** Clinical Child Track

Level I

Fall

- 606 Perception I, (616) Principles of Learning or (617) Cognitive Psychology
- 608 Statistical Design in Research
- 660 Assessment I: Intelligence Testing
- 698 Clinic Practicum I
- 726 Psychopathology I

Spring

- 614 Multivariate Statistics
- 727 Psychopathology II
- 663 Assessment II: Personality Assessment
- 699 Clinic Practicum II
- 750 Behavior Therapy

Summer

- 659 Psychological Measurement and Scaling Elective*

*N.B. A student enters Level V of the program after the completion of all coursework and successfully passing the comprehensive examination. While PSY 903 and 904 are taken for one year of internship only, the student remains at Level V and must continue to register for PSY 950 on a continuing basis until successful completion of the dissertation requirement. *Total number of elective courses = 6 (At least two must be taken during any summer session before Level IV). Note: Students must take either Neuropsychological Assessment (835) or Objective Personality Assessment (635) as one of their elective courses.*

Level II

Fall

- 609 Research in Clinical Psychology
- 623 Developmental Psychology
- 631 Psychoanalytic Psychotherapy I
- 668 Assessment Lab I
- 701 Clinic Practicum III

Spring

- 624 Developmental Psychology II
- 627 Cultural Diversity in Psychological Services
- 670 Assessment Lab II
- 702 Clinical Practicum IV
- 900 Master's Research

Summer

705 Clinic Practicum V
Elective*

Level III

Fall

648 Physiological Psychology
658 Professional and Ethical Issues
741 Assessment and Intervention Practicum I

Spring

742 Assessment and Intervention Practicum II
760 Marital and Family Therapy
861 Psychopharmacology

Summer

706 Clinical Practicum VI

N.B. Two days per week must be spent in practicum work in a clinical facility at Level III.

N.B. At least one day a week must be spent in practicum work in a clinical facility at Level IV.

N.B. A student enters Level V of the program after the completion of all coursework and successfully passing the comprehensive examination. While PSY 903 and PSY 904 are taken for one year of internship only, the student remains at Level V and must continue to register for PSY 950 on a continuing basis until successful completion of the dissertation requirement.

Level IV

Fall

741 Assessment and Intervention Practicum III
843 Child and Adolescent Psychotherapy
Elective*
622 Social Psychology

Spring

650 History and Systems of Psychology
742 Assessment and Intervention Practicum IV
950 Doctoral Research
Elective*

Level V

Fall

903 Clinical Psychology Internship I
950 Doctoral Research

Spring

904 Clinical Psychology Internship II
950 Doctoral Research

***Total number of electives = three. (At least one must be taken during any summer session before Level IV)*

*** PSY 659 must be taken during the summer session following Level I. Note: Students must take either Neuropsychological Assessment (835) or Objective Personality Assessment (635) as one of their elective courses.*

School Psychology Doctoral Program

Admission Requirements

In addition to the general admission requirements for the department's doctoral programs, the faculty seek applicants to the Psy.D. program who possess (a) excellent interpersonal skills and the ability to get along with others; (b) excellent ability to handle scientific and professional disagreements in a respectful manner; (c) interest in providing psychological services to children, adolescents and their families; (d) intellectual curiosity and a commitment to life-long learning; and (e) a commitment to building psychological practice on sound and empirically verified scientific principles.

The School Psychology Doctoral Program has two tracks: the General track and the Bilingual track. The Bilingual track trains psychologists who are fluent in a language in addition to English to deliver psychological services to children of linguistically and culturally diverse groups.

Students may be admitted with a master's in school psychology and a permanent or provisional certification in school psychology for advanced standing. These students will be required to take 50 credits. If the student's master's did not include courses that are required for licensure as a psychologist in New York State, the student will be required to substitute these courses for his or her electives. In addition, their elective courses may be used to take courses that the program Director deems were deficient or absent in their School certification education. They must take courses that exist in our program if they did not have equivalent courses in their masters/certification program. Courses required for licensure include: Social (PSY 622) or Cross-Cultural (PSY 625); Learning (PSY 616) or Cognition (PSY 617); Physiological (PSY 648) or Biological bases; Scaling and Measurement (PSY 659); and Research Methods (PSY 615). For further information about the Advanced Standing program and course sequence, please contact the program Director.

Students must have completed 48 credits prior to externship (PSY 905/906), as per New York State Regulations.

Program Requirements and Tracks

*General (Monolingual) Track

Level I

Fall

608 Statistical Design in Research
661 Psychoeducational Assessment I
665 Introduction to School Psychology
Either Principles of Learning (616) or
Cognitive Psychology (617)
695 Research Colloquium

Spring

614 Multivariate Analysis for Psychological Research
662 Psychoeducational Assessment II
666 Interviewing and Case Formulation
671 Child and Adolescent Personality Assessment
695 Research Colloquium

Level II

Fall

659 Psychological Measurement and Scaling
715 Assessment, Diagnosis and Remediation of Learning Disabilities
726 Psychopathology Across the Lifespan I
761 Psychological Assessment Practicum I*
Either Social Psychology (622) or Cross-Cultural Psychology (625)
695 Research Colloquium

Spring

648 Physiological Psychology
716 Psychoeducational Consultation
727 Psychopathology Across the Lifespan II
749 Behavior Therapy: Assessment, Treatment and Consultation
762 Psychological Assessment Practicum II*
695 Research Colloquium

Level III

Fall

615 Research Methods in School Psychology
752 School Psychology Internship Seminar I: Professional Issues***
Elective
Elective
695 Research Colloquium

Spring

623 Developmental Psychology I
627 Cultural Diversity in Psychological Services
753 School Psychology Internship Seminar II: Psychological Interventions***
695 Research Colloquium
Elective

The comprehensive examination is taken during this semester.

Summer

763 School Psychology Intervention Practicum I**

N.B. Students will receive the Master of Science degree in School Psychology at the end of Level III if they pass the comprehensive exam. Students must pass this examination to proceed to Level IV.

Level IV**Fall**

- 650 History and Systems
 754 School Psychology Internship Seminar III:
 Nondiscriminatory Assessment and Field
 Placement****

- 764 School Psychology Intervention
 Practicum II**

Elective

- 695 Research Colloquium

Spring

- 624 Developmental Psychology II
 755 School Psychology Internship Seminar IV:
 Psychological Interventions and Field
 Placement****

- 765 School Psychology Intervention
 Practicum III**

Elective

- 695 Research Colloquium

- 951 Doctoral Research

**Students will work in the Center for Psychological Services and other University approved sites for this practicum.*

***Students will work in the Center for Psychological Services and other University approved sites for this practicum.*

****Students will be required to spend three days per week in a school setting working under a certified school psychologist who is also a licensed psychologist.*

*****Students will be expected to spend three days per week in a school, facility or clinic providing services primarily to exceptional children working under a certified school psychologist who is also a licensed psychologist.*

Level V**Fall**

- 905 Internship I
 951 Doctoral Research
 695 Research Colloquium

Spring

- 906 Internship II
 951 Doctoral Research
 695 Research Colloquium

Bilingual Track*Level I****Fall**

- 608 Statistical Design in Research
 661 Psychoeducational Assessment I
 665 Introduction to School Psychology
 Either Principles of Learning (616) or
 Cognitive Psychology (617)
 695 Research Colloquium

Spring

- 614 Multivariate Analysis for Psychological
 Research
 662B Psychoeducational Assessment of
 Culturally and Linguistically Diverse
 Children
 666 Interviewing and Case Formulation
 671 Child and Adolescent Personality
 Assessment
 695 Research Colloquium

Level II**Fall**

- 659 Psychological Measurement and Scaling
 715 Assessment, Diagnosis and Remediation
 of Learning Disabilities

- 726 Psychopathology Across the Lifespan I

- 729 Psycholinguistics and the Practice of
 School Psychology with Culturally and
 Linguistically Diverse Populations

- 761B Psychological Assessment

- Practicum I–Bilingual**

- 695 Research Colloquium

Spring

- 648 Physiological Psychology

- 716 Psychoeducational Consultation

- 727 Psychopathology Across the Lifespan II

- 749 Behavior Therapy: Assessment, Treatment
 and Consultation

- 762B Psychological Assessment

- Practicum II–Bilingual**

- 695 Research Colloquium

***Students will work in the Center for Psychological Services and other University approved sites for this practicum.*

Level III**Fall**

- 615 Research Methods in School Psychology

- 752B Bilingual School Psychology Internship

- Seminar I: Professional Issues

- Bilingual***

Elective

- 695 Research Colloquium

Spring

- 623 Developmental Psychology I

- 627 Cultural Diversity in Psychological Services

- 753 School Psychology Internship Seminar II:
 Psychological Interventions***

Elective

- 695 Research Colloquium

The comprehensive examination is taken during this semester.

Summer

- 763 School Psychology Intervention

- Practicum I**

***Students will work in the Center for Psychological Services and other University approved sites for this practicum.*

****Students will be expected to spend three days per week in a school setting working under a certified school psychologist who is also a licensed psychologist.*

N.B. Students will receive the Master of Science degree in School Psychology at the end of Level III if they pass the comprehensive exam. Students must pass this examination to proceed to Level IV.

Level IV**Fall**

- 625 Cross-cultural Psychology

- 754 School Psychology Internship Seminar III:
 Nondiscriminatory Assessment and Field
 Placement****

- 764 School Psychology Intervention
 Practicum II**

Elective

- 695 Research Colloquium

Spring

- 650 History and Systems

- 755 School Psychology Seminar IV:
 Psychological Interventions and Field
 Placement****

- 765 School Psychology Intervention
 Practicum III**

Elective

- 695 Research Colloquium

- 951 Doctoral Research (3 credit)

***Students will work in the Center for Psychological Services and other University approved sites for this practicum.*

****Students will be expected to spend three days per week in a school, facility or clinic providing services primarily to exceptional children working under a certified school psychologist who is also a licensed psychologist.*

Level V**Fall**

- 905 Internship I
 951 Doctoral Research (1 credit)
 695 Research Colloquium

Spring

- 906 Internship II
 951 Doctoral Research (1 credit)
 695 Research Colloquium

Electives

Students can take up to three electives outside of the psychology department with the program director's approval. Courses outside of the psychology department that have been approved as electives include the following:

Department of Sociology and Anthropology

- SOC 117 Family Violence
 SOC 119 Juvenile Delinquency
 SOC 131 Sociology of Youth
 SOC 147 Personality, Culture and Society
 SOC 150 Sociology of Illness and Health Care
 SOC 227 Criminology
 SOC 248 Cross-Cultural and Ethnographic
 Perspectives on Education
 SOC 249 Sociological Perspectives on
 Education

Department of Speech, Communication Science and Theater

- SPE 108 Language Acquisition and Disorder
- SPE 203 Models of Language Acquisition
- SPE 318 Developmental Language Disorders
- SPE 320 Language-Based Learning Disabilities
- SPE 321 Communication Assessment and Intervention of Infants and Toddlers
- SPE 329 Neuroanatomy and Neuropathology of the Speech System

The School of Education and Human Services

- Division of Administrative and Instructional Leadership Courses in Educational Administration
- EDU 5415 Introduction to Educational Administration
- EDU 5418 Administrative Theory
- EDU 5471 Leadership in Instructional Supervision
- EDU 5571 Administrative Leadership
- EDU 5791 Legal Aspects in Management and Administration of Schools
- EDU 5795 Student and Teacher Rights in Administration of Schools
- EDU 5810 Administrative Principles and Practices in the Implementation of P.L. 94-142
- EDU 5811 Administration and Supervision of Special Education Services
- EDU 7232 Individualization: Prescribing for Student Learning Styles

Department of Human Services and Counseling Courses in Reading

- EDU 3230 Diagnosis and Remediation of Reading and Language Disabilities
- EDU 3240 Methods of Teaching to the Language Different
- EDU 3264 Using Literature to Teach Reading and Writing Grades 3–12
- EDU 3274 Reading Strategies for the Gifted Learner
- EDU 3278 Teaching Literacy Strategies to Students with Special Needs
- EDU 3280 Technology Applications in Reading and Writing
- EDU 5420 Politics of Education
- EDU 5651 School Community Relations in Education
- EDU 5741 Economics and Financing of Education

Elective Concentrations

Students can use three of their electives to develop a concentration in an area of study. These elective concentrations will appear as such on students' transcripts.

A) Psychological Interventions – Students who choose this concentration should select three courses from the following:

- PSY 631 Psychoanalytic Psychotherapy I
- PSY 632 Psychoanalytic Psychotherapy II
- PSY 717 Instructional Assessment and Academic Interventions
- PSY 751 Interventions with Developmental Disabilities
- PSY 760 Marital and Family Therapy
- PSY 843 Child and Adolescent Psychotherapy
- PSY 845 Group Therapy
- PSY 850 Cognitive Psychotherapies

B) Juvenile Delinquency – Students who choose this concentration should select three courses from the following:

- SOC 117 Family Violence
- SOC 119 Juvenile Delinquency
- SOC 131 Sociology of Youth
- SOC 147 Personality, Culture and Society
- SOC 227 Criminology

C) Child Language Disorders – Students who choose this concentration should select three courses from the following:

- SPE 203 Models of Language Acquisition
- SPE 318 Developmental Language Disorders
- SPE 320 Language-Based Learning Disabilities
- SPE 321 Communication Assessment and Intervention of Infants and Toddlers

D) Educational Administration and Law – Students who choose this concentration should select three courses from the following:

- EDU 5415 Introduction to Educational Administration
- EDU 5418 Administrative Theory
- EDU 5420 Politics of Education
- EDU 5471 Leadership in Instructional Supervision
- EDU 5571 Administrative Leadership
- EDU 5651 School Community Relations in Education
- EDU 5741 Economics and Financing of Education
- EDU 5791 Legal Aspects in Management and Administration of Schools
- EDU 5795 Student and Teacher Rights in Administration of Schools
- EDU 5810 Administrative Principles and Practices in the Implementation of P.L. 94-142
- EDU 5811 Administration and Supervision of Special Education Services
- EDU 7273 Individualization: Prescribing for Student Learning Styles

E) Reading – Students who choose this concentration should select three courses from the following:

- EDU 3230 Diagnosis and Remediation of Reading and Language Disabilities
- EDU 3240 Methods of Teaching the Language Different
- EDU 3264 Using Literature to Teach Reading and Writing
- EDU 3270 Strategies for Teaching Reading in Content Areas for Grades 3–12
- EDU 3274 Reading Strategies for the Gifted Learner
- EDU 3278 Teaching Literacy Strategies to Students with Special Needs
- EDU 3280 Technology Applications in Reading and Writing

F) Organizational Behavior – Students who choose this concentration should select three courses from the following:

- MGT 223 Human Resource Management
- MGT 232 Innovations in Organizational Behavior
- MGT 280 Organizational Development: Managing for Change
- MGT 285 Managing and Staffing Virtual Organizations
- MGT 290 E-Commerce Impacts on Organizations
- MGT 295 Seminar in Human Factors in MIS Development, Diffusion and Use

G) Psychological Research – Students who choose this concentration will take the second research methods course in the clinical program (PSY 613). They will also register for PSY 862 for two semesters. This will yield nine credits. For the two semesters of PSY 862 the student will be required to write up a contract with a sponsoring faculty member specifying the activities which will be performed in each of the independent study courses. A paper, suitable for submission to an academic journal, must result from students who take this research concentration. The research topic investigated in this concentration must be sufficiently different from the student's dissertation topic. Students can enroll in this concentration only with the approval of the program director.

H) Neuropsychology – Neuropsychology is the study of brain-behavior relationships. Students interested in this concentration should discuss with a faculty member the requirements for diplomate certification from the American Board of professional Psychology (ABPP) in neuropsychology. Student can enroll in this concentration only with the approval of the Program Director. Students who choose this concentration must take the specific courses listed and have less choice than other concentrations. These courses help students meet the academic requirements set by the American Board of Professional Psychology for the Diplomate in Clinical Neuropsychology.

- PHS 239 Functional Neuroanatomy and Neuropathology (Department of Pharmaceutical Sciences; This course

- has prerequisites of undergraduate courses in anatomy and physiology.)
- SPE 329 Neuroanatomy and Neuropathology of the Speech System
- PSY 835 Neuropsychological Assessment
- PSY 861 Psychopharmacology or CPP 216 Psychotherapeutics (Department of Clinical Pharmacy Practice)

I) Family Studies

- PSY 760 Marital and Family Therapy
- SOC 121 Sociology of the Family
- SOC 117 Family Violence

J) Bilingual/Multicultural Education

- EDU 9003 Teaching English to Speakers of Other Languages: Reading and Language Arts
- EDU 9005 Teaching English to Speakers of Other Languages: Theory and Practice
- EDU 9007 Teaching Strategies in the Bilingual Classroom: Reading and Language Arts

K) Management and Organizational Development

– Students who choose this concentration should select three courses from the following:

- MGT 223 Human Resource Management
- MGT 232 Innovations in Organizational Behavior
- MGT 280 Organizational Development: Managing for Change
- MGT 285 Managing and Staffing Virtual Organizations
- MGT 290 E-Commerce Impacts on Organizations
- MGT 295 Seminar in Human Factors in MIS Development, Diffusion and Use

Cultural Diversity in the Curriculum

The University maintains the goal of serving all of the people of the New York metropolitan area. Consistent with this goal, the psychology faculty developed a doctoral program that will train School Psychologists to work with the culturally diverse populations that reflect the changing demographics in this region and most other major urban areas. To infuse a multicultural perspective into the curriculum, we created new courses, some of which are required and some of which can be chosen as electives. First, we created a specific course, PSY 627 – Cultural Diversity in Psychological Services, which is required by all students in the bilingual and monolingual tracks. Second, we created alternative courses that emphasize a multicultural/ bilingual perspective. Third, we have infused a multicultural perspective into the syllabi of many courses. A fourth arena that reflects the infusion of cultural diversity into the program is the practica. Students must complete their practica in the Center for Psychological Services, which serves many minority children. The Center for Psychological

Services services a local population from Queens and Nassau Counties which include people of all racial, ethnic and economic backgrounds. Internship placements also provide an opportunity to infuse a multicultural perspective. Some of our students are placed in the New York City Board of Education schools.

Professional Practice Competency Examination

Students prepare a professional practice case study for this examination. The case study can be (1) an assessment case; (2) a consultation case with teachers, parents or administrators concerning a classroom, a school-wide or a district-wide consultation; (3) an individual counseling, a group counseling or a crisis intervention case; or (4) the development of a psycho-educational intervention program, a token economy, a crisis intervention program, an ongoing support group, an in-service training program for school staff, or a special education or alternative education program.

1. Exam Schedule

Students must submit the written case study to the departmental Secretary at a date to be announced toward the end of the semester of their fourth full year in the program. The oral defense of the case study will occur in May after the final examinations of the Spring Semester are over. This exam is only offered once each year.

2. Grading of the Professional Practice Competency Examination

Candidates defend their case studies orally before a team of three members of the core school psychology faculty. Passing the exam requires a rating of three or better from at least two of the three faculty in each of the six areas of competence.

Candidates should make sure that (1) their work sample adequately reflects the information on which the faculty will rate them and (2) that they are adequately prepared to discuss this information at the oral examination. Each oral defense will take thirty minutes.

3. Failing the Professional Practice Competency Examination

Students who receive a rating of two or below from two or more faculty members on any of the six competencies will fail this section of the exam. A rating of three or better from at least two of the evaluating faculty on each of the six areas of competence will be required to pass this section of the Professional Practice Competency Examination. Students who fail the exam will retake it the following year. This examination is offered only once each year, most likely at the end of the spring semester after final exams. Students who fail the competency exam may still go on their fifth year internship. Students have two opportunities to pass this examination. Students who fail the exam a second time will be terminated from the program.

Doctoral Dissertation Project

The Psy.D. program is not designed to train researchers. The goal of this program is to train psychologists who can deliver psychological services and review research to help guide their professional practice. The preamble to the 1989 New York State Doctoral Project indicates that a Psy.D. program “includes training in research, but the research emphasis is on the evaluation of professional techniques and service outcomes and other applied activities.” The doctoral dissertation in a Psy.D. program should reflect these goals. A wide range of acceptable standards for dissertations in Psy.D. programs appears across the nation. Some programs require only a literature review, others have a dissertation that is indistinguishable from a Ph.D. All Psy.D. programs in New York State require some data collection as part of the doctoral dissertation.

The dissertation for the Psy.D. in School Psychology should include the following sections:

Title The title for your dissertation should be in compliance with the specifications set forth by Dissertation Abstracts International regarding length.

Abstract The abstract provides a brief description of the study and results. It should not be longer than 350 words or 2450 characters, including the name of the dissertation and the candidate's name.

Chapter One—Literature Review.

This chapter should focus on the major research findings in the literature. The research review should include:

- A clear statement of the area to be discussed and its relevance to school psychology.
- A review of the major theories in the topic area.
- A review of the basic and applied empirical research in the topic area.
- A summary of the substantive conclusions.
- A statement about the quality of the research in the topic area.
- Suggestions for further research.

Chapter Two—Practice and Professional Implications.

Practical implications and applications to professional practice that follow from the literature review should be discussed in this chapter. Students must demonstrate that they can use the latest developments in theory and research to inform practice.

Chapter Three—Research Questions and Hypothesis.

This chapter should include the research questions and hypotheses. Students should include a rationale for their questions and hypotheses.

Chapter Four–Method.

The chapter should include a description of research, participants, measures used, procedures, research design and data analyses.

Chapter Five–Results.

This chapter should provide a complete description of the results of the study.

Chapter Six–Discussion.

The chapter should discuss the significance of the research findings within the context of current research.

Chapter Seven–Implications of the Results for Practice.

This chapter should focus specifically on how the findings of the research will inform practice. Chapter seven may not be very long but it demonstrates the candidate's ability to move between the world of research and practice. If there are negative or insignificant findings this section might just be a paragraph or two.

Dissertation Options

- Empirical Research (development of a measure, correlational design, treatment outcome)
- Ethnographic Research
- Clinical Case Study
- Program Evaluation
- Test Review
- ALL MUST HAVE: Implications for the practice of school psychology.

Empirical Research Dissertations

- Introduction: Should include a theoretical rationale for the study, a review of the literature and a critique of the existing literature relevant to the topic. The hypotheses, which flow logically from this critique, complete the introduction.
- Implications for the practice of school psychology.
- Method: Should thoroughly outline the methodology of the study and discuss relevant methodological issues (e.g., subjects and sample size, the reliability and validity of the measures/materials being used and the procedures employed). The methods section should be detailed enough to allow a person to duplicate your methods.
- Results: This is generally the briefest chapter of the school dissertation. It should describe the statistical analyses performed, as well as the relevance of these analyses. This section should be succinct and include no more than four to five statistical tables and/or figures. Detailed commentaries on the results should be left for the discussion section.
- Discussion: As a general rule, the discussion includes at least (a) a presentation of the findings, (b) implications of the results for the theoretical issues raised in the introduction, (c) statistical, methodological and/or theoretical explanations for any unexpected findings, (d) an analysis of the methodological weak-

nesses of the study and how they should be addressed by future research and (e) suggestion for future research.

- References: The reference section is done in APA style, except that the title Reference at the top of the page is treated as a chapter heading.

Ethnographic Research Dissertations

- A type of research that involves studying different groups of people or cultures and investigates social organization, group interactions and behaviors.
- Typically, this type of study involves learning about small groups of people in their own environment through naturalistic observation over a long period of time.
- The study is descriptive in nature and the researcher is required to interpret events and their significance.
- An advantage to this type of study is that the research question is not easily identified by participants. A clear objective is necessary for the researcher to effectively observe and interpret the environment and social organization. Other research techniques include focus groups and interviews.

Clinical Case Study Dissertations

Case presentation of how interesting and challenging cases were assessed and conceptualized and how treatment followed such conceptualization. A highly practical format should allow other school psychologists to replicate in their own practices.

Sections should include

- Theoretical and research basis for treatment
- Case study summary
- Presenting Problem (academic or behavioral)
- History
- Assessment (what tools you used; why?)
- Case Assessment (conceptualization of data)
- Course of treatment and assessment of progress
- Complicating factors
- Follow-up
- Treatment implications of the case
- Recommendations to school psychologists/clinicians
- References

Program Evaluation Dissertations

- Seeks to evaluate effectiveness or viability of existing programs or policies.
- Ultimately want to know whether the program/policy is working as intended and meeting stated goals and objective.
- Data can be from a variety of sources, but should be "outcome-based" in order to gauge success or failure of program.
- Data may be survey, numerical or archival and may include pre- and post- data as appropriate.
- Format of dissertation includes introduction, description and purpose of program/policy, goals and objectives of program/policy, rationale for evaluation of program, description of methods used to evaluate, description of results and findings, conclusions and recommendations.
- Overall, the dissertation should determine relative success or failure of the program/policy and provide specific recommendations for improvement or alternatives.

Test Review Dissertation

- Following the joint standards for test development as well as other existing and widely accepted criteria for evaluating tests, critically review a new or recently revised instrument.
- Joint standards focus on forms of validity evidence that are expected to be provided in all test manuals. Quality of the evidence provided in the manual must be discussed.
- Other criteria focus on psychometric characteristics, such as reliability, floors/ceilings, item gradients, standardization characteristics and so forth.
- Literature review: overview of the test, its history, how it is used; summary of the literature available on the instrument; review the joint standards and present criteria that will be used to evaluate the instrument.
- Discussion: would you recommend the test be used for its intended purpose? Why? Why not?

School Psychology (M.S.)

Completion of the 66-credit M.S. in School Psychology allows the student to qualify for a provisional New York State Certificate which authorizes practice as a school psychologist. This certificate is valid for five years from the date of issuance; with the accumulation of two years of experience as a school psychologist, a permanent certificate is issued in the field of pupil personnel services.

Although the M.S. has been designated to train the student for professional practice, it is academically oriented as well and provides sound preparation for further graduate work.

Advanced standing may be awarded to those applicants who have already earned a master's degree or its equivalent in psychology from St. John's University or another accredited institution.

Students who are bilingual may choose to enroll in the Bilingual Track. Applicants must demonstrate fluency in a language by passing the New York State Language Proficiency Examination. Foreign-educated or ESL students must also take the English Proficiency exam. This program leads to certification as a Bilingual School Psychologist. The coursework, practicum and internship training in this track prepare students to deliver school psychological services to bilingual children.

Program Requirements

The program requires the satisfactory completion of 66 credits and a comprehensive examination which is offered in the spring semester of the third year. The student must maintain a "B" average and is given two opportunities to pass the comprehensive examination. Students must also achieve a grade of at least "B" in Psy 761 or 761B, 762 or 762B, 752 or 752B and 753.

Program Tracks

General Track

Level I

Fall

- 608 Statistical Design in Research
- 616 Principles of Learning, OR
617 Cognitive Psychology
- 661 Psychoeducational Assessment I
- 665 Introduction to School Psychology
- 695 Research Colloquium

Spring

- 648 Physiological Psychology
- 662 Psychoeducational Assessment II
- 666 Interviewing and Case Formulation
- 671 Child and Adolescent Personality
Assessment
- 695 Research Colloquium

Level II

Fall

- 659 Psychological Measurement and Scaling
 - 715 Assessment, Diagnosis and Remediation
of Learning Disabilities
 - 726 Psychopathology Across the Lifespan I
 - 761 Psychological Assessment
Practicum I*
- One course in the social/cultural bases of behavior (either 622, 625, or 627)
- 695 Research Colloquium

Spring

- 623 Developmental Psychology I
- 716 Psychoeducational Consultation
- 727 Psychopathology Across the Lifespan II
- 749 Behavior Therapy: Assessment, Treatment
and Consultation
- 762 Psychological Assessment
Practicum II*
- 695 Research Colloquium

Level III

Fall

- 615 Research Methods in School Psychology
- 752 School Psychology Internship Seminar I:
Professional Issues**
- 695 Research Colloquium

Spring

- 753 School Psychology Internship Seminar II:
Psychological Interventions**
- Elective
- 695 Research Colloquium

N.B. Master's Comprehensive Examination must be taken in the spring of Level III.

*Students will work in the Center for Psychological Services and other University approved sites for this practicum.

**In order to satisfy the internship requirements (PSY 752, 753), five full days per week, per semester, must be spent in a school setting or an agency serving children or adolescents under the supervision of a certified school psychologist.

Bilingual Track

Level I

Fall

- 608 Statistical Design in Research
- 616 Principles of Learning, OR 617 Cognitive
Psychology
- 661 Psychoeducational Assessment I
- 665 Introduction to School Psychology
- 695 Research Colloquium

Spring

- 648 Physiological Psychology
- 666 Interviewing and Case Formulation
- 662B Psychoeducational Assessment of
Culturally and Linguistically Diverse
Children
- 671 Child and Adolescent Personality
Assessment
- 695 Research Colloquium

Level II

Fall

- 659 Psychological Measurement and Scaling
- 715 Assessment, Diagnosis and Remediation
of Learning Disabilities
- 726 Psychopathology Across the Lifespan I
- 729 Psycholinguistics and the Practice of
School Psychology with Culturally and
Linguistically Diverse Populations
- 761B Psychological Assessment Practicum I:
Bilingual*
- 695 Research Colloquium

Spring

- 623 Developmental Psychology I
- 716 Psychoeducational Consultation
- 727 Psychopathology Across the Lifespan II
- 749 Behavior Therapy: Assessment, Treatment
and Consultation
- 762B Psychological Assessment Practicum II-
Bilingual*
- 695 Research Colloquium

Level III

Fall

- 615 Research Methods in School Psychology
- 752B Bilingual School Psychology Internship
Seminar I-Professional Issues Bilingual**
- 695 Research Colloquium

Spring

- 627 Cultural Diversity in Psychological Services
- 753 School Psychology Internship Seminar II:
Psychological Interventions**
- 695 Research Colloquium

N.B. Master's Comprehensive Examination must be taken in the spring of Level III.

*Students will work in the Center for Psychological Services and other University approved sites for this practicum.

**In order to satisfy the internship requirements (PSY 752, 753), five full days per week, per semester, must be spent in a school setting or an agency serving children or adolescents under the supervision of a certified school psychologist.

General-Experimental Psychology (M.A.)

The Master of Arts degree in General-Experimental Psychology provides the student with a broad background of psychological knowledge and tools as preparation for more advanced work. The course requirements can serve also as a solid foundation for those who want a psychological background as support for other fields of study.

Classes are offered after 4:40 p.m. Part-time attendance is permitted. Students may take courses in the program on a nonmatriculated basis, in accord with the regulations set forth by the Graduate Division. Such students may gain admission into the M.A. program upon the completion of four graduate courses, with a minimum grade of "B" in each course.

Program Requirements

The M.A. program requires the satisfactory completion of 42 credits. Students choosing the THESIS OPTION must complete two semesters of Master's Research (PSY 900) and successfully defend their proposed and completed thesis research before a faculty committee. Students choosing the NON-THESIS OPTION must pass a comprehensive examination which is offered in the spring semester of the second year. Non-thesis students are given two opportunities to pass the comprehensive examination. All students must maintain a "B" average in the program. The required course sequence is given below.

Program Option

Level I

Fall

- 606 Perception I
- 608 Statistical Design in Research
- 616 Principles of Learning, OR 617 Cognitive Psychology
- + one elective course

Spring

- 604 Psychology Laboratory
- 607 Perception II
- 614 Multivariate Design and Analysis for Psychological Research
- Elective
- 623 Developmental Psychology I

Level II

Fall

- 622 Social Psychology OR 625 Cross-Cultural Psychology OR 630 Personality Theories
- 648 Physiological Psychology
- 659 Psychological Measurement and Scaling OR 724 Psychopathology, OR 726 Psychology of Childhood Adolescence I

Spring

- Two of the following: 624 Developmental Psychology II, 696 Independent Research, 861 Psychopharmacology
- Elective

N.B. Student electing to take PSY 861 must also choose PSY 724 in the Fall of Level II. With the approval of the Program Coordinator, the elective may be taken outside the department.

*Thesis Option

Level I

Fall

- 606 Perception I
- 608 Statistical Design in Research
- 616 Principles of Learning, OR 617 Cognitive Psychology
- 623 Developmental Psychology I
- + one elective course

Spring

- 604 Psychology Laboratory
- 607 Perception II
- 614 Multivariate Design and Analysis for Psychological Research
- Elective
- 623 Developmental Psychology I

Level II

Fall

- 648 Physiological Psychology
- 659 Psychological Measurement and Scaling OR 724 Psychopathology OR 726 Psychology of Childhood Adolescence I
- 900 Master's Research

Spring

- Two of the following: 624 Developmental Psychology II, 696 Independent Research, 861 Psychopharmacology
- 900 Master's Research

N.B. Students electing to take PSY 861 must also choose PSY 724 or 726 in the fall of Level II. With the approval of the program coordinator, an elective course may be taken outside the department.

Center for Psychological Services

The St. John's University Center for Psychological Services serves as a primary training site for the Clinical and School Psychology programs in providing comprehensive psychological services to community residents at modest cost. Located conveniently near the St. John's campus, it provides students with opportunities to develop clinical and assessment skills under faculty supervision. The Center provides training in psychoeducational and personality assessment at Level II (PSY 668-670). The Center also provides training in assessment for school psychology students at the master's level (PSY 761-762) and in therapy for advanced Psy. D. students (PSY 763-764). Opportunities for assessment and intervention experiences in local schools are also available via the Center's School Affiliate Program. The research component of the Center includes collection of clinical data, faculty sponsored research projects and doctoral dissertation research.

Departmental Policy

All students are expected to conduct themselves in accordance with the ethical standards established by the American Psychological Association and the New York State Department of Education. In addition, all research with human subjects must be performed in accordance with the policies and procedures promulgated by the Institutional Review Board (IRB) of the University. Research with animals must conform to the guidelines established by the Animal Care Advisory Committee (ACAC) of the University. Failure to comply with these standards may result in a departmental recommendation for dismissal.

Institutional Affiliations

The University has developed formal affiliations with a number of clinical facilities in the New York area for purposes of clinical training and research. The Clinical Psychology program has developed a wide network of participating clinical and research practicum placements for its students including Long Island Jewish/ Hillside Medical Center, North Shore University Hospital, Queens Hospital Center, Nassau County Medical Center, Bronx Children's Psychiatric Center, Bellevue Psychiatric Hospital, Creedmoor Psychiatric Center, North Shore Child Guidance Center, Beth Israel Medical Center, Pederson-Krag Center, NYS Psychiatric Institute and Queens Children's Psychiatric Center, among others (see listing of Affiliate Clinical Professors).

Courses

103 Basic Psychology Laboratory*

Methods and techniques of laboratory research for students without undergraduate laboratory training. *Fee: \$60. Credit: 3 semester hours. (No credit if used to remove deficiency.)*

604 Psychology Laboratory

The student is required to conduct extensive literature searches, collect and analyze data and generate manuscripts. *Laboratory fee: \$60. Credit: 3 semester hours.*

606 Perception I*

A survey course emphasizing the historical development of various models aimed at understanding visual experience, such as origins of form, distance and depth perception. *Credit: 3 semester hours.*

607 Perception II*

An advanced course focusing upon the perception of radial direction, induced motion, autokinesis, phi, visual imagery, size perception, face recognition, visual and auditory affect recognition, affective aprosodia and speech. *Credit: 3 semester hours.*

608 Statistical Design in Research*

Concentrates on the use of advanced parametric techniques in the statistical design of experiments. Emphasis is placed on models of analysis of variance from one-way to split-plot designs. *Credit: 3 semester hours.*

609 Research in Clinical Psychology I

Principles and methods of research design as applied to clinical psychology. *Credit: 3 semester hours.*

610 Research in Clinical Psychology II

This course familiarizes the student with the methodology and instrumentation appropriate to the field. Research methods, including experimental, quasi-experimental and single-case designs, are covered. *Credit: 3 semester hours.*

613 Research in Clinical Child Psychology II

An examination of the interplay of research methodology, experimental and quasi-experimental design and statistical techniques in the study of the behavior and development of normal and atypical children. *Credit: 3 semester hours.*

614 Multivariate Analysis for Psychological Research*

Prerequisite: PSY 608. This course presents students with a variety of multivariate research designs along with their appropriate statistical techniques which have application in experimental and clinical research. *Credit: 3 semester hours.*

*Also open to qualified undergraduates.

615 Research Methods in School Psychology

A survey of the research methods used in the study of children and their development with special emphasis to the type of research questions asked by the school psychologist. *Credit: 3 semester hours.*

616 Principles of Learning*

An examination of research in classical and operant conditioning. Includes discussion of reinforcement, stimulus control, punishment and other topics relevant to experimental analysis of behavior. *Credit: 3 semester hours.*

617 Cognitive Psychology*

An examination of theories and research findings regarding attention, sensory and working, episodic, semantic long-term, implicit memory and autobiographical memory, unconscious mental processing, schemata, language and the roles of emotion in cognition. *Credit: 3 semester hours.*

619 Advanced Techniques for the Analysis of Behavioral data

Prerequisites: PSY 608, 614
This course introduced such techniques as factor analysis, multivariate statistics, structural equation modeling, hierarchical linear modeling, survival analysis, and logistic regression. *Credit: 3 semester hours.*

622 Social Psychology*

Topics include attitudes, social perception and cognition, prejudice, gender roles, group behavior, aggression, prosocial behavior, attraction, nonverbal behavior and special methodological contributions of social psychology. *Credit: 3 semester hours.*

623 Developmental Psychology I*

An overview of the major issues of contemporary developmental psychology from a life-span perspective. Particular emphasis is placed on relevant historical antecedents, theory, core conceptual issues and emerging methodology. *Credit: 3 semester hours.*

624 Developmental Psychology II*

Prerequisite: PSY 623 or permission of the instructor. An in-depth analysis of theories and research on cognitive and socio-emotional development. *Credit: 3 semester hours.*

625 Cross-Cultural Psychology*

Cross-cultural perspectives on behavior and cognition, including verbal and nonverbal communication and interpersonal and intergroup relations. Psychological variability among cultural groups will be discussed. *Credit: 3 semester hours.*

626 Psychology of Women

Recent research on role, personality, intellectual and career considerations relevant to women. *Credit: 3 semester hours.*

627 Cultural Diversity in Psychological Services

A course in diverse cultural perspectives which explores the cultural similarities and differences between psychologist and client and the way these factors affect the delivery of psychological services. *Credit: 3 semester hours.*

630 Personality Theories*

Comparison and evaluation of various personality theories focusing on issues of personality structure and personality development. Consideration given to selected contemporary issues. *Credit: 3 semester hours.*

631 Psychoanalytic Psychotherapy I

An overview of psychoanalytic psychotherapies from Freud to the present. *Credit: 3 semester hours.*

632 Psychoanalytic Psychotherapy II

Prerequisite: PSY 631. Contemporary psychoanalytic therapies including brief therapies, case presentations and integration of theory and practice. *Credit: 3 semester hours.*

635 Objective Personality Tests

Various measures designed for the appraisal of personality; instruments discussed include the Minnesota Multiphasic Personality Inventory, the California Psychological Inventory and the Cattell 16 PF test. *Test Fee: \$10. Credit: 3 semester hours.*

648 Physiological Psychology*

Neuroanatomy plus discussion of recent research on sensory coding, neural basis of learning and the physiological bases of a variety of psychological disorders. *Credit: 3 semester hours.*

650 History and Systems

An evaluation of modern systems of psychology and a review of historical antecedents in light of their psychological contributions. *Credit: 3 semester hours.*

658 Professional and Ethical Issues

A study of professional standards and ethical principles as they relate to the professional psychologist's practice and research in the school, hospital and other settings in the community. *Credit: 3 semester hours.*

659 Psychological Measurement and Scaling

Emphasis is placed on test construction and use. Topics include measurement theory, scaling methods, classical test theory, reliability, validity, item writing and analysis, item response theory and new developments in test theory. *Credit: 3 semester hours.*

660 Assessment I: Intelligence Testing

A course on the assessment of intelligence, including administration, scoring and interpretation of the WISC-III, WAIS-III, Stanford-Binet and other intelligence tests. *Test fee: \$100. Credit: 3 semester hours.*

661 Psychoeducational Assessment I

Administration, scoring, interpretation and psychometric characteristics and comparative analysis of contemporary scales of cognitive ability test batteries serves as the basis for this course. *Test Fee: \$100. Credit: 3 semester hours.*

662 Psychoeducational Assessment II

Prerequisite: PSY 661. Advanced issues in the administration, scoring, interpretation and psychometric and characteristics of both contemporary cognitive and academic ability test batteries form the major components of this course. *Test Fee: \$100. Credit: 3 semester hours.*

662B Psychoeducational Assessment of Culturally and Linguistically Diverse Children

Prerequisite: PSY 661. Administration, scoring, interpretation and psychometric comparative analysis of newer cognitive, achievement tests are presented. The use of tests with bilingual children is emphasized. *Test Fee: \$100. Credit: 3 semester hours.*

663 Assessment II: Personality Assessment

This course includes administration, scoring and interpretation of personality tests. The course will be concerned with the clinical and research applications of these tests. *Test fee: \$50. Credit: 3 semester hours.*

665 Introduction to School Psychology

This course will provide students with an understanding of the roles and functions of the school psychologist. It will also introduce students to the profession of school psychology from an historical, scientific and practical perspective. *Credit: 3 semester hours.*

666 Interviewing and Case Formulation

This course provides the student with fundamental skills in interviewing and case formulation. Students will learn to interview parents, teachers and children and conduct behavioral observations and functional assessments. *Credit: 3 semester hours.*

668; 670 Assessment Laboratory I and II

Prerequisites: PSY 660 and 663. Students gain experience at the St. John's Center for Psychological Services in psychological assessments. *Credit: 3 semester hours.*

669 Advanced Rorschach

Prerequisite: PSY 663. Concentrates on the interpretation of Rorschach records of children, adolescents and adults. Major emphasis will be placed on integrating Rorschach data with the results of other psychological tests and clinical findings. *Credit: 3 semester hours.*

671 Child and Adolescent Personality Assessment

Strategies for assessing child and adolescent personality will be explored. Emphasis will be placed on those objective and projective techniques currently utilized in the field. *Test fee: \$50. Credit: 3 semester hours.*

695 Research Colloquium

Invited speakers, faculty members and students from the department's graduate programs discuss their research. Registration/attendance is required for all students. *No credit. No fee. Not included on students' transcript.*

696 Independent Research (Laboratory)*

Prerequisites: PSY 608
Under the guidance of a faculty member, the student plans and executes an original piece of research of thesis quality. *Laboratory fee: \$60. Credit: 3 semester hours.*

**Also open to qualified undergraduates.*

698; 699 Clinic Practicum I;II

Students gain supervised experience at the St. John's Center for Psychological Services and Clinical Studies in various clinical roles, including diagnostic interviewing, case observation and participation in weekly case conferences. *Credit: 3 semester hours. Level I course.*

701; 702; 705; 706 Clinic Practicum III; IV; V; VI

A continuation of practicum training at the Center for Psychological Services and Clinical Studies; students develop their clinical skills through receiving supervised training in techniques relating to psychodiagnostic evaluation and intervention. *Credit: 3 semester hours.*

715 Assessment, Diagnosis and Remediation of Learning Disabilities

This course involves the systematic study of learning disorders of children; receptive, expressive and psychological processing disorders of learning; and assessment of diagnostic procedures. *Credit: 3 semester hours.*

716 Psychoeducational Consultation

Prerequisite: PSY 661. This course addresses the procedures for conducting consultation with teachers and other school personnel in order to ameliorate problems affecting students' academic and social competencies. *Credit: 3 semester hours.*

717 Instructional Assessment and Academic Interventions

Students will learn to assess children's instructional environments and to monitor their academic progress. This assessment will be tied to instructional interventions in the context of the consultation role for school psychologists. *Credit: 3 semester hours.*

725 Advanced Psychopathology: General

Prerequisite: PSY 724. Detailed consideration of selected areas of psychopathology, particularly theoretical models and empirical research in etiology, development, prevention and treatment. *Credit: 3 semester hours.*

726 Psychopathology Across the Life Span I

An overview of the biological, developmental, sociocultural, psychodynamic and behavioral determinants of psychopathology in children, and adults. *Credit: 3 semester hours.*

727 Psychopathology Across the Life Span II

Prerequisite: PSY 726. The course discusses diagnostic categories not included in 726, such as developmental, communication and learning disorders, organic disorders with a large psychic component, psychosomatic and physical handicaps. *Credit: 3 semester hours.*

729 Psycholinguistics and the Practice of School Psychology with Culturally and Linguistically Diverse Populations

This course provides students with an understanding of normal language development, second language acquisition and the problems of delivering school psychological services to bilingual children. *Credit: 3 semester hours.*

737 Hypnosis Biofeedback Workshop

Intensive workshop combining the theoretical conceptualizations of hypnosis and biofeedback with empirical exploration. The course is oriented towards the goals of the scientist practitioner. *Credit: 3 semester hours.*

741 (Fall); 742 (Spring) Assessment and Intervention Practicum I; II; III; IV

A four-semester practicum sequence emphasizing psychodiagnostic testing and evaluation in clinical settings and supervised professional experience in intervention and psychotherapeutic techniques. *Credit: 3 semester hours.*

749 Behavior Therapy: Assessment, Treatment and Consultation

This course is aimed at providing a theoretical and practical understanding of the behavioral orientation to psychological assessment and intervention with school-aged children and adolescents in school settings. *Credit: 3 semester hours.*

750 Behavior Therapy

Applications of principles of learning and social influence, including cognitive mediational and conditioning strategies, to the modification of problem behavior. *Credit: 3 semester hours.*

751 Interventions with Developmental Disabilities

Prerequisites: PSY 749 or 750. Students will learn the procedures of applied behavior analysis, and use these principles to develop teaching and intervention strategies for children with autism and related developmental disorders. *Credit: 3 semester hours.*

752 School Psychology Internship Seminar I: Professional Issues

Prerequisite: PSY 761 and 762. Students are assigned to a public school or agency providing services for children and function under the supervision of a certified school psychologist. *Credit: 3 semester hours.*

752B School Psychology Internship Seminar I—Professional Issues—Bilingual

Prerequisite: PSY 761B and 762B. Classroom presentations focus on recent advances in the assessment and intervention strategies of working with linguistically diverse children. *Credit: 3 semester hours.*

753 School Psychology Internship Seminar II: Psychological Interventions

Prerequisite: PSY 752. Students are assigned to a public or private school providing psychological services to children and adolescents for five full days. Presentations will focus on New York State Child Abuse reporting law, models of service delivery in school psychology, crisis intervention. *Credit: 3 semester hours.*

754 School Psychology Internship Seminar III: Nondiscriminatory Assessment and Field Placement

Prerequisite: Completion of master's degree and Certification in School Psychology. Classroom instruction focuses on issues, methods and procedures for conducting comprehensive, systematic nondiscriminatory assessment of culturally and linguistically diverse students. Students are assigned to a public or private school or agency providing psychological services to exceptional children and/or adolescents for a minimum of three full days. *Credit: 3 semester hours.*

755 School Psychology Seminar IV: Psychological Interventions and Field Placement

Prerequisite: PSY 754 or equivalent. This course includes an in-depth review of the latest research and theory in psychological interventions. Students spend three days per week in a school for exceptional children or an organization servicing exceptional children. *Credit: 3 semester hours.*

760 Marital and Family Therapy

The family is viewed as an interacting social system and approaches to understanding and changing problem behavior are discussed from a systems perspective. *Credit: 3 semester hours.*

761; 762 Psychological Assessment Practicum I; II

Prerequisites: PSY 661, 662 or 662B, 671. Students will be required to participate in psychological assessments at the Center for Psychological Services and Clinical Studies and in the schools that it provides services to. There are special sections (PSY 761B, 762B) for students in the bilingual track of the M.S. and Psy.D. Programs. *Credit: 3 semester hours.*

761B (Fall); 762B (Spring) Psychological Assessment**Practicum I and II**

Prerequisites: PSY 661, 662 or 662B, 671. Students will participate in psychological assessments at the Center for Psychological Services and in schools to which the center provides services. For MS and Psy. D. students in the bilingual track. *Credit: 3 semester hours.*

763; 764; 765 School Psychology Intervention Practicum I; II; III

Prerequisite: PSY 753 or equivalent or permission of the program director. These courses represent a two-semester sequence of practica experiences. Students will plan and deliver psychological interventions to children, adolescents, parents, teachers and professional staff. *Credit: 3 semester hours.*

810 Advanced Research Seminar in Selected Topics

An advanced seminar that reviews current research and theory of topics selected from clinical psychology, social/cultural psychology and experimental psychology with each area taught by a different faculty member. *Credit: 3 semester hours.*

835 Neuropsychological Assessment

Conceptual problems regarding brain dysfunction; special symptoms and syndromes; neurodiagnostic approaches, emphasizing the Halstead-Reitan and Luria batteries; applications relevant to the clinician. *Credit: 3 semester hours.*

836 Behavioral Neuropsychology

This course covers the theoretical bases, research methodology and instrumentation necessary for experimentation in neuropsychology, emphasizing the chronometric and cognitive investigation of cerebral asymmetry. *Credit: 3 semester hours.*

838 Addictive Behaviors

This course presents theoretical foundations and applications in the treatment of addictive behaviors. Topics include drugs of addiction; gambling; theories of addiction and behavioral and psychotherapeutic treatments. *Credit: 3 semester hours.*

843 Child and Adolescent Psychotherapy

Major models of child and adolescent psychotherapy will be presented, including traditional approaches, short-term therapies and empirically-validated treatment methods. *Credit: 3 semester hours.*

845 Group Therapy

An exploration of the process of group therapy, including the composition of various group settings; the role of the leader; the beginning, middle and termination stages of the group; and various techniques utilized by group therapists. *Credit: 3 semester hours.*

850 Cognitive Psychotherapies

Prerequisite: PSY 749 or 750. This course explores the growing area of Cognitive and cognitive/behavioral psychotherapies by Beck, and Ellis, as well as self instructional training, cognitive interpersonal problem solving therapy and multi modal therapy. *Credit: 3 semester hours.*

861 Psychopharmacology

Prerequisite: PSY 648 and 724. A study of psychopharmacological agents in the treatment of behavioral disorders of children and adults. *Credit: 3 semester hours.*

862 Independent Study

Library research and/or experimental research under the guidance of a faculty member. Permission of the Chair required. *Fee: \$60 if in experimental research study.* *Credit: 3 semester hours.*

903 and 904 Clinical Psychology Internship I and II

Prerequisites: Completion of all coursework in the program. One year full-time internship in an approved setting. For doctoral students in Clinical Psychology only. *Fee: \$100 plus general fee per semester.* *Credit: 0 semester hours.*

905 and 906 School Psychology Internship I and II

Prerequisites: Completion of all coursework in the program. One year full-time internship in a setting approved by the program. For doctoral students in School Psychology. *Fee: \$100 plus general fee per semester.* *Credit: 0 semester hours.*

900 Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the requirements for the Master of Arts degree in General-Experimental Psychology. *Credit: 3 semester hours.*

950 Doctoral Research

Original research leading to the doctoral degree. Doctoral students may register for 950 while completing degree requirements; however, upon successful completion of the comprehensive examination, doctoral candidates must register for 950 until the dissertation is completed and the degree awarded. *Credit: 3 hours per semester, except when students are on internship and enrolled in 903/904, when it is worth 1 semester hour only.*

951 Doctoral Research

Original research leading to the doctoral degree. Doctoral candidates must register for this course in the spring semester of their fourth year. Once enrolled in this course students must remain continuously enrolled in it until they graduate. *Credit: 3 semester hours, except when students are on internship and enrolled in 905/906, when it will be worth one semester hour only.*

925 General-Experimental Maintaining Matriculation

Master's students in general-experimental psychology not registered for other courses must register for 925 until all degree requirements are completed and the degree is granted. *Credit: 0 semester hours. Fee: \$50 per semester. Laboratory fee: \$60. (Students who do not use laboratory facilities may petition the Chair and the Dean to waive the laboratory fee.) Offered each semester.*

940 Clinical Psychology Maintaining Matriculation

Ph.D. students who have NOT passed the comprehensive exam and HAVE NOT registered for other courses, must register for PSY 940. *Permission of the Dean is required. No Credit. Fee: \$50 per semester.*

960 School Psychology Maintaining Matriculation

Students in school psychology not registered for other courses must register for 960 until all degree requirements are completed and the degree is granted. *Credit: 0 semester hours. Fee: \$50 per semester. Offered each semester.*

For a complete listing of approved courses, please contact the Dean's office.

Affiliate Clinical Professors of Psychology

ADSP Program

Alec Miller, Psy.D.

AHRC

Margery St. Hilair, Ph.D.
Nicholas Rose, Ph.D.

Albert Einstein College of Medicine

Susan Chintz, Psy.D.

Albert Ellis Institute

Kristene Doyle, Ph.D.
Ryan Fuller, Ph.D.

American Institute for Cognitive Therapy

Robert Leahy, Ph.D.

Ardsley School District

Jeffrey Cohen, Ph.D.
Mary Travis, Ph.D.
Connie Gutwirth, Ph.D.

Baldwin Council Against Drug Abuse

Ms. Claudia Rotondo

Baldwin School District

Joseph Teta, Ph.D.

Bay Shore School District

Toni Klingler, Ph.D.

Bayort-Blue Point School District

Matthew Krivoshey, Ph.D.

Bellevue Hospital Center

Carol Golden-Scaduto, Psy.D.
Carmen Vasquez, Ph.D.

Bellmore-Merrick Central High School District

John Brull, M.S.
Amy Rubino, Ph.D.
Ben Weiss, Ph.D.

Bernard Fineson Developmental Center

Mary Kennedy, Ph.D.

Beth Israel Medical Center

Elizabeth Ochoa, Ph.D.

Bio-Behavioral Institute

Fugen Neziroglu, Ph.D.

Bronx Children's Psychiatric Center

Elizabeth Seiger, Ph.D.
Susan Babinski, Ph.D.
Kathleen O'Shea, Ph.D.
Nicole Garcia, Ph.D.
Rebecca Hansen, Psy.D.
Mark Adelsberg, Ph.D.
William Ansonge, Ph.D.

Bronx VA Medical Center

Stephen Bacon, Ph.D.

Brookdale University Hospital & Medical Center

John James, Ph.D.
Steven Klee, Ph.D.

Brooklyn VA Hospital

Gail Kelsey, Ph.D.

Center for Psychological Services Center

Renee Clauselle, Ph.D.

Central Islip School District

Dan Sanvitale, Ph.D.

Children's Center for Early Learning

Alan Weneroff, Ph.D.

Coler/Goldwater Memorial Hospital

Patricia Bagby, Ph.D.
Christopher Frima, Ph.D.
Jim Crawford, Ph.D.
Tom Gambacorta, Ph.D.

Commack School District

Wilma Colino, Ph.D.
John Kelly, Ph.D.

Connetquot Central School District of Islip

Eleanor Palma, Ph.D.

Creedmoor Psychiatric Center

Constance Freeman, Ph.D.
Sascha Griffing, Ph.D.
Russell Hoffman, Psy.D.
Andrea Katz, Ph.D.
Jack Livingstone, Ph.D.
Dolores Nichole, Ph.D.

Crossroads School for Child Development

Paula Calabrese, Ph.D.

East Meadow School District

Jennifer Mascolo, Psy. D.
Roseann Gotterbarn, Ph.D.
Fotini Kyvelos, Psy.D.
Margaret Laska, Ph.D.
Joseph Pando, Ph.D.

Eastern Suffolk Boces Premm

Robert Meyer, Ph.D.

Elmhurst Hospital/ Mount Sinai Services

Andia Harris, Ph.D.
Harvey Shanies, Ph.D.

Elwood School District

Anthony Pantaleno, Ph.D.

Farmingdale School District

William Sperduto, Ph.D.
Helen Stevens, Ph.D.
Joseph Volpe, Ph.D.

Fort Hamilton Clinic

Phillip Morse, Ph.D.

Franklin Square School District

Christopher Schnepf, Ph.D.

Garden City Park School District

Maria Petalides

Glen Cove School District

Rod Mardin, Ph.D.
Penelope Patsis, Ph.D.

Great Neck School District

Amy Goldin, Ph.D.
Thomas Giannoti, Ph.D.
Patricia Goodman
Jack Kamins, Ph.D.

Hackensack University Hospital

Risa Fogel, Ph.D.

Half Hollow Hills Central School District

William Sefick, Ph.D.
John Siefiring, Ph.D.

Hampton Bays School District

Ken Grille, Ph.D.

Harborfields Central School District

Joseph Dono, Ph.D.
Brian Harris, Psy.D.

Hawthorne Cedar Knolls Union Free School District

Katherine Reitzes, Ph.D.

Hebrew Academy For Special Children

Jill Karliner, Ph.D.

Helen Keller Services for the Blind

Ann Rosenberg, Ph.D.

Henry Viscardi School

Ron Friedman, Ph.D.

Herricks School District

Allison Jeffer, Ph.D.

Mary Kalisky, Ph.D.

Donna Lipton, Ph.D.

Roger Pierangelo, Ph.D.

Sgeven Shatz, Ph.D.

Carl Weiner, Ph.D.

Hewlett School District

Marc Krauss, Ph.D.

Hewlett-Woodmere School District

Allan J. Orenstein, Ph.D.

Lynne Einberg, Ph.D.

Hicksville School District

David Ferrin, Ph.D.

High Road School

Maryn Katherine Hawryluk, Ph.D.

Holliswood Hospital

Mark Lazarus, Ph.D.

Huntington School District

Jamie Joseph, Ph.D.

Institute for Rational Counseling

Richard Dackow, Ph.D.

Jamaica Hospital

Nadine Khowry, Psy.D.

Sue Carver, Ph.D.

Frances Charder, Ph.D.

KTA/HAFTR

Ditza Berger, Ph.D.

Kings Country Hospital Center

Cheryl Blondstein, Psy.D.

Mendie Cohn, Ph.D.

Marilyn Feldman, Ph.D.

Kings Park School District

Linda Chianese, Ph.D.

Sharon Donenfeld, Ph.D.

James Lynch, Ph.D.

Lorraine Schles-Esposito, Ph.D.

Lawrence Public Schools

Jay Silverstein, Ph.D.

Leak & Watts Children's Home

Francis Egan, Ph.D.

Katherine Morrison, Ph.D.

Long Beach School District

Edward Frankel, Ph.D.

Dennis Ryan, Ph.D.

Fred Zelinger, Ph.D.

Long Beach Reach, Inc.

Harriet Eisman Community School

Elizabeth Shorin, Ph.D.

LIJ/Hillside Geriatric Center

Amanda O'Brian, Ph.D.

Rita Ryan, Ph.D.

Greg Hinrichsen, Ph.D.

LIJ/Hillside Medical Center

Eliho Turkel, Ph.D.

LIJ/Schneider Children's Hospital

Jonathon Samuels, Psy.D.

LIJ/Schneider's Children's Hospital;

Adolescent Pavillion

Dina Sackman, Ph.D.

Stefanie Solow, Ph.D.

LIJ/Zucker Hillside Hospital

Peter D'Amico, Ph.D.

Aaron Drucker, Ph.D.

Seanna Kaye-Denham, Ph.D.

Barbara Libov, Ph.D.

Julia Markó, Ph.D.

Rona Novick, Ph.D.

Adam Payne, Ph.D.

Jennifer Ratas, Ph.D.

Heather Smith, Ph.D.

Robert Tringone, Ph.D.

Lutheran Medical Center

Jean Bailey, Ph.D.

Martin De Porres School

Paul Fantetti, NCSP

Edward Dana

Massapequa School District

James Levering, Ph.D.

MercyFirst

Daniel Coletti, Ph.D.

Ann Kuru, Ph.D.

Samuel Landsman, Ph.D.

Stephen Migden, Ph.D.

Merrick-Bellmore School District

John Brull, M.S.

Milestone School for Child Development

Lena Perez-Nieves, Psy.D.

Mineola School District

Manny Romero, Ph.D.

Robert Drago, Ph.D.

Joan Reilly, Ph.D.

Roberta Manfreda, Ph.D.

Montefiore Medical Center

Gabrielle Johr, Psy.D.

Mt. Sinai Medical Center

Bonnie Arnowitz, Ph.D.

Karen Dahlmana, Ph.D.

Edward Greenblatt, Ph.D.

Annette Hernandez, Ph.D.

Mt. Sinai/NYU Medical Center

Eric Brown, Ph.D.

Nassau BOCES - Pace Program

Maria Heim, Ph.D.

Nassau County Medical Center

Albert Fauros, Ph.D.

William Kline, Ph.D.

David Waxman, Ph.D.

Nassau University Medical Center

Laura Lamontanaro, Ph.D.

David Waxman, Ph.D.

National Institute for the Psychotherapies

Jillian Axelrod, Ph.D.

New Hyde Park School District

Joseph Shaffrey, Ph.D.

New York City Board of Education

David Drassner, Ph.D.

Lorna Rhone, Ph.D.

New York Presbyterian Hospital

Robert Feiguine, Ph.D.

New York Presbyterian Hospital-White Plains Child Day Hospital

Leslie Bogen, Ph.D.

John Clarkin, Ph.D.

Barbara Flye, Ph.D.

North Colonie Central Schools

Charles D. Horowitz, Ph.D.

North Merrick School District

Lynne, Thies, Ph.D.

North Shore Central School District

Peter Segal, Ph.D.

North Shore School District

Michael Linder, Ph.D.

William Kitay, Ph.D.

North Shore University Hospital

Laurie Kramer, Ph.D.

David Pelcovitz, Ph.D.

Marie Ribarich, Ph.D.

Julliet Vogel, Ph.D.

North Shore University Hospital Child and Adolescent Dept.

Julliet Vogel, Ph.D.

Northport Veteran's Affairs Medical Center

Janet Eshen, Ph.D.

Oceanside School District

Michael Cohen, Ph.D.

Mr. Bill Walsh

Ms. Ann Melucci

Laurie Zelinger, Ph.D.

Mark Metzger, Ph.D.

Patchogue-Medford School District

Richard Catullo, Ph.D.

Faith Barrentine, Ph.D.

Pederson-Krag Center

Max Banilivy, Ph.D.

Port Chester-Rye School District

Antonio Blanco, Ph.D.

Queens Child Guidance Center

Asian Outreach Clinic

Florence Marks, Ph.D.

Queens Children's Psychiatric Center

Dora Gutierrez, Psy.D.

Gayle Kass, Ph.D.

Jonathan Kurfirst, Ph.D.

Andrea Muras, Ph.D.

Jennifer Tucker, Ph.D.

Marion Rosenbaum, Ph.D.

Queens Hospital Center

Ellen Palgi, Ph.D.

Oily Sofer, Psy.D.

Robyn Mendelsohn, Ph.D.

William Walker, Ph.D.

Glena Rubin, Ph.D.

Riverdale Mental Health Association

Robert Muller, Ph.D.

Sachem Central School District

Gail Borruso, Ph.D.

James Zaino, Ph.D.
Steven Hartman, Ph.D.

Sagamore Children's Psychiatric Center
Lawrence Haller, Ph.D.
Randy Malsky, Ph.D.
Geraldine Moretti, Ph.D.

St. John's University Counseling Center
W.D. Harmon, Ph.D.

St. Luke's Roosevelt
Joseph Ruggiero, Ph.D.
Andrew Merling, Ph.D.

St. Luke's Women's Health Project
Lisa Litt, Ph.D.

St. Mary's Hospital for Children-Queens
Paul Berger-Gross, Ph.D.
Daniel Clarkin, Ph.D.
Daniel Coletti, Ph.D.

Scarsdale School District
Audrey Clarkin, Ph.D.
Ernest Collabolletta, Psy.D.
Jennifer Walker, MSED

Sesame Sprout Inc.
Janet Mueller, Psy.D.

Sewanhaka High School District
John Heverin, Ph.D.
Stephen Russo, Ph.D.
Isonia Vassos, Ph.D.

Shoreham-Wading River School District
Peter D'Elena, Psy.D.

Smithtown Central School District
Theresa Campisi, Ph.D.
Brenda Clark, Ph.D.
Joanne Corrado, Ph.D.
Darcie Cortese, M.S.

**South Beach Psychiatric Center
Day Treatment for Adolescents**
Conrado Gomez, Ph.D.

**South Nassau Communities Hospital
Counseling Center**
Rosemary O'Regan, Ph.D.

Staten Island Mental Health Society
David Laucick, Ph.D.

**SUNY Downstate Medical Center
Anxiety Disorders Clinic**
Daniel Cukor, Ph.D.
Steven Friedman, Ph.D.

The School @ Columbia University
Diane H. Dillon, Ph.D.

Three Village School District
Karen Futtersak, Ph.D.
Joseph Piombo, Ph.D.

Valley Stream School District
Mark Perlman, Ph.D.
Mark Peterson, Ph.D.
Jay Comcowich, Ph.D.

Valley Stream School District 13
Mindy Berlin-Dickman
Karen Jason, Ph.D.
Cheryl Mendelsohn, Ph.D.
Gaston Weisz, Ph.D.

Valley Stream Dist. 24
Patrick Grehan, Ph.D.

West Islip School District
James Ciaravino, Ph.D.
Robert Matuozzi, Ph.D.

Westchester Family Services
Rebecca Abramson, Ph.D.

**Westchester Institute for Human
Development**
Michelle Heller, Ph.D.

Westchester School for Special Children
Vito Guarnaccia, Ph.D.

Western Queens Developmental Schools
Robert Musphy, Ph.D.

Western Suffolk BOCES
Paul Morris, Ph.D.

White Plains School District
Daniel Benincasa, Ph.D.
Kelly Ishmael, Ph.D.
Maritza Kerekes, Ph.D.

Wyandanch School District
Roberta Hoffman, Ph.D.

Yeshiva Hor Torah
Karen Feinberg, Ph.D.

Department of Sociology and Anthropology (SOC)

The Department offers graduate training leading to an M.A. degree in Sociology, an M.A. in Applied Sociology and an M.A. degree in Criminology and Justice. The department's mission is to educate its graduate students about the social forces that influence human behavior. The programs' faculty seeks to train students to develop the necessary skills in sociological research and analysis of small groups, organizations and communities. These experiences lead to careers in criminal justice, health care, non-profits and business, as well as provide exceptional preparation for further training at the doctoral level and or/law school.

Program of Study Master of Arts (M.A.)

The department offers 2 options:
(1) thesis
(2) non-thesis

Entrance Requirements

Acceptance into all M.A. programs requires a minimum of 18 undergraduate credits in sociology or a related social science. Deficiencies in these requirements must be corrected under departmental direction. International students are urged to send a representative sample of their writing in English together with their application. They are required to take an English Placement Examination upon acceptance.

Courses by Area of Concentration in the Sociology M.A. Program

1. **Globalization and Social Movements**
 - SOC 116 Technology and Social Relations
 - SOC 118 Intercultural Global Communication
 - SOC 129 The Cyber Society
 - SOC 130 Globalization: Origin, Meaning and Consequences
 - SOC 222 Sociology of the Global City
 - SOC 233 Global Crime
 - SOC 234 Global Poverty
 - SOC 235 Global Inequality
 - SOC 243 Social Movements and Social Change
 - SOC 244 Social Movements and Globalization
 - SOC 247 Global Education
 - SOC 308 Special Topics in Globalization

2. **Urban Sociology**
 SOC 120 Race and Ethnicity
 SOC 223 Urban Sociology
 SOC 224 Women and the City
 SOC 228 Sociology of Community
 SOC 243 Social Movements and Social Change
 SOC 260 Stratification in American Society

Degree Requirements for Sociology

General

All students are required to take the following six courses (3 credits each):

- SOC 103 Proseminar
 SOC 127 Statistics for Social Sciences
 SOC 210 Sociological Theory: Classical
 SOC 212 Contemporary Sociological Theory
 SOC 300 Strategies of Social Research
 SOC 301 Evaluation Research and Data Analysis

Specific

A. Thesis Option – 30 credits

Designed for students who wish to prepare for entry into a Ph.D. program and a subsequent career in college teaching and/or, academic research.

- a. **Required courses:** 103, 127, 210, 212, 300, 301; SOC 900 Master's Research (see "d" below) – three credits each semester for a total of six credits.

b. Electives

The balance of courses, for a total of 30 graduate credits, will be chosen from departmental offerings, in consultation with the student's advisor.

c. Comprehensive Examination

demonstrate ability to integrate knowledge of sociology theory, methodology, literature and empirical data. This examination may not be taken earlier than the last semester of coursework and no later than one year after completion of coursework. The rules governing the application and administration of this examination are found under "Comprehensive Examination" in the Graduate Division of Arts and Sciences section in this bulletin.

d. Thesis

A student will register for SOC 900 (Master's Research) for six credits under the direction of an assigned mentor and will write a thesis that will be examined by a committee of readers composed of the mentor and one other faculty member.

B. Non-Thesis Option – 33 credits

Designed for students who seek a broad preparation for employment in which sociological knowledge is required or particularly valuable. This option is also sufficient for entry into a Ph.D. program.

- a. **Required courses:** SOC 103, 127, 210, 212, 300, 301

b. Electives

The balance of courses will be chosen from departmental offerings, in consultation with the student's advisor. Two courses may be taken in the practicum and field placement.

- c. **Comprehensive Examination** (see above.)

Degree Requirements for Applied Sociology

Applied Sociology – 36 credits

All students are required to take the following nine courses (3 credits each)

General

- SOC 103 Sociology Proseminar
 SOC 127 Statistics for Social Sciences
 SOC 210 Sociological Theory: Classical
 SOC 223 Urban Sociology
 SOC 300 Strategies of Social Research
 SOC 301 Evaluation Research and Data Analysis
 SOC 305 Social Policy Formation and Analysis
 SOC 500 Practicum in Applied Sociology
 SOC 501 Field Internship

Degree Requirements for Criminology and Justice

General

All students are required to take the following four courses (3 credits each):

- CRM 103 Pro-Seminar
 CRM 127 Statistics for Social Science
 CRM 231 Evaluation of Criminal Justice Policies
 CRM 232 Criminological Theory
 CRM 300 Strategies and Tactics of Social Research

Specific

Non-Thesis Option – 33 credits

- a. **Required courses:** CRM 127, 231, 232, 300
 b. **Electives**

The balance of courses will be chosen from departmental offerings, in consultation with the student's advisor.

- c. **Comprehensive Examination**—not to be taken earlier than the last semester of coursework and no later than one year after completion of coursework.

Thesis Option – 30 credits

- a. **Required courses:** CRM 127, 231, 232, 300
 b. **Electives**
 c. **Research topic approved by advisor**
 d. **Comprehensive Examination** (see above.)

Accelerated Degree Programs

B.A./M.A. in Sociology

The Department of Sociology and Anthropology offers an intensive, accelerated, combined degree program leading to both the B.A. and M.A. degrees in Sociology in five years of full-time study. Qualified students who have completed their sophomore year with a 3.0 cumulative index and a 3.5 index in at least 12 credits of Sociology are encouraged to apply.

Students enrolled in the thesis program must complete a total of 144 credits (30 on the graduate level), including six credits of Master's Research. Students electing the non-thesis option must complete a total of 147 credits (33 on the graduate level). After the completion of the baccalaureate degree the student must enroll full time in graduate level courses for the fifth year. For specific information, students may consult with the Chair of the Department of Sociology and Anthropology. Applications are available at the offices of the Graduate Division of Arts and Sciences (St. John Hall, Room 135), or the Department of Sociology and Anthropology (St. John Hall, Room 444D).

The College of Professional Studies and the Graduate Division of Arts and Sciences offer six intensive, accelerated, combined degree programs in the following academic disciplines:

B.S. in Health Services Administration/M.A. in Sociology

This program leads to the B.S. in Health Services Administration and the M.A. in Sociology 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 index for 12 credits in the health services administration major are encouraged to apply.

Students enrolled in the thesis program must complete a total of 144 credits (30 on the graduate level, including six credits of Master's Research). Student selecting the non-thesis option must complete a total of 147 credits (33 on the graduate level). After the completion of the baccalaureate degree the student must enroll full time on the graduate level for the fifth year.

B.S. in Communication Arts/ M.A. in Sociology

This program leads to the B.S. in Communication Arts and the M.A. in Sociology in five years of full-time study. Qualified undergraduate students who have completed 60 credits with a 3.0 cumulative index and a 3.5 index for a minimum of 12 credits in the communications major.

Students enrolled in the thesis program must complete a total of 144 credits (30 on the graduate level, including six credits of Master's Research). Students selecting the non-thesis option must complete a total of 147 credits (33 on the graduate level). After completion of the baccalaureate degree, students must enroll full time on the graduate level for the fifth year.

B.S. in Criminal Justice/ M.A. in Sociology

This program leads to the B.S. in Criminal Justice and M.A. in Sociology 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 average in a minimum of 12 credits in the criminal justice major.

Students enrolled in the thesis program must complete a total of 144 credits (30 on the graduate level, including six credits of Master's Research). Student selecting the non-thesis option must complete a total of 147 credits (33 on the graduate level). After the completion of the baccalaureate degree the student must enroll full time on the graduate level for the fifth year.

B.S. in Journalism/ M.A. in Sociology

This program leads to the B.S. in Journalism and the M.A. in Sociology in five years of full-time study. Qualified undergraduate students who have completed 60 credits with a 3.0 cumulative index and a 3.5 index for a minimum of 12 credits in the Journalism major.

Students enrolled in the thesis program must complete a total of 144 credits (30 on the graduate level, including six credits of Master's Research). Students selecting the non-thesis option must complete a total of 147 credits (33 on the graduate level). After completion of the baccalaureate degree, students must enroll full time on the graduate level for the fifth year.

B.S. in Legal Studies/ M.A. in Sociology

This program leads to the B.S. in Legal Studies and the M.A. in Sociology 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 index for a minimum of 12 credits in the major in Legal Studies are encouraged to apply.

Students enrolled in the thesis program must complete a total of 144 credits (30 on the graduate level, including six credits of Master's Research). Students selecting the non-thesis option must complete a total of 147 credits (33 on the graduate level). After completion of the baccalaureate degree, students must enroll full time on the graduate level for the fifth year.

B.S. in Human Services/ M.A. in Sociology

This program leads to a B.S. in Human Services and an M.A. in Sociology 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 index for 12 credits in Human Services, are encouraged to apply.

Students are required to complete a total of 146 or 149 credits (30 or 33 on the graduate level depending on thesis or non-thesis options including a field placement). After the completion of the baccalaureate degree, students must enroll full time on the graduate level for the fifth year.

B.A. in Sociology/ M.A. in Criminology and Justice

Pending NY State Approval this program leads to a B.A. in sociology and the M.A. in Criminology and Justice in five years of full-time study. See sociology home page for updates and further details.

For specific information with regard to any or all of these programs, please consult with the Chairperson of the Department of Sociology and Anthropology. Applications are available online at www.stjohns.edu under "Admissions." Hard copies are also available in the Office of Graduate Admissions.

Courses

102 Readings in Sociology

Intensive readings in the literature of classical and modern sociological theory selected by students and instructor. By permission of the Chair. *Credit: 3 semester hours.*

103 Sociology Pro Seminar

This course introduces sociology as a discipline in the liberal arts. It focuses on the field's history and its key areas of study and introduces strategies for doing research and writing in sociology. *Credit: 3 semester hours.*

103 CRM Pro Seminar

This course introduces criminology as a discipline in the liberal arts. It focuses on the field's history and its key areas of study and introduces strategies for doing research and writing in criminology. *Credit: 3 semester hours.*

107 Social Deviance (Cf. EDU 6217)

Study of the causes and reactions to deviant behavior. Crime, drug abuse, mental illness, suicide, corporate and political malfeasance and other forms of deviance are considered. *Credit: 3 semester hours.*

115 Sociology of Gender

A comparative study of gender relations from biological, historical, psychoanalytic, social constructionist and feminist perspectives. *Credit: 3 semester hours.*

117 Family Violence

Biological and cultural foundation of interpersonal violence as it is expressed within the family. Marital violence, wife battering, child abuse, elderly abuse. Factors associated with the self-perpetuation of violence over generations. *Credit: 3 semester hours.*

118 Global Communication

Cultural differences in learning, perception and communication styles. The importance of cultural and subcultural differences in paralinguistic phenomenon such as body language, proxemic and silence. Selected issues in intercultural education. *Credit: 3 semester hours.*

119 Juvenile Delinquency

A study of social conditions under which the behavior legally termed "delinquency" develops, the agencies through which society deals with the problem and the theoretical and methodological approaches essential to understanding. *Credit: 3 semester hours.*

120 Race and Ethnicity

Minority groups in America as cultural and economic-political communities relate to the American heritage. Recent sociological, social psychological and anthropological findings and theories of intergroup relations. *Credit: 3 semester hours.*

121 Sociology of the Family

Components of family structure and organization; family cycle and mate selection; factors contributing to family stability and disorganization; emerging forms of intimate lifestyles. *Credit: 3 semester hours.*

122 Drugs and Society

This course focuses on alcoholism, drug abuse and addiction, pathological (compulsive) gambling, bulimia and other addictions. *Credit: 3 semester hours.*

127 Statistics for Social Sciences

Descriptive and inferential statistics in sociology. *Credit: 3 semester hours.*

129 Cyber Society

The twentieth-century phenomenon of mass media and the emergence of cybernetics and global communication networks as determinants and vehicles of political and cultural transformation and diffusion of new life styles. *Credit: 3 semester hours.*

130 Globalization: Origin, Meaning and Consequences

This course provides a critical discussion of the controversies surrounding the nature of globalization processes and their impact on American institutions as well as on the chances for socio-economic development in developing countries. *Credit: 3 semester hours.*

131 Sociology of Youth

Youth as a lengthy process of transition from childhood to adulthood; consequent phenomena of family conflict, long dependency, development of youth culture, mass media, rock to rap, education and delinquency.

Credit: 3 semester hours.

133 CRM Class, Race and Criminal Justice

This course focuses on how race and social class determine who enters the criminal justice system and how criminal definitions are created and applied. *Credit: 3 semester hours.*

147 Personality, Society and Culture

Personality formation and change in cross-cultural perspective. Emphasis on psycho-social development as related to creativity, power and dominance, sex roles and sex role identity, educational processes and ethnic group membership. *Credit: 3 semester hours.*

170 Social Psychology

Systematic examination of social variables and their influence on individual behavior, personality and emotion. *Credit: 3 semester hours.*

208 Cultural Studies

The sociological study of cultural forms of life in terms of both modernist and postmodernist movements. These forms of culture include rock and roll, art, literature, rap, film, sports, the culture wars, the Internet and television. *Credit: 3 semester hours.*

210 Sociological Theory: Classical

Theories of 19th- and early 20th-century sociologists dealing with the problems of the transformation of societies from traditional to modern. *Credit: 3 semester hours.*

212 Sociological Theory: Contemporary

Analysis of various sociological discourses, including the structural-functional, critical, exchange, interpretive-symbolic and phenomenological. *Credit: 3 semester hours.*

215 CRM—Policing and Society

This course offers a sociological examination of law enforcement in the United States. It reviews the historical development of policing; discusses the various roles of police in society; and examines some of the problems police confront. *Credits: 3 semester hours.*

216 White Collar Crime

The study of white collar crime as an extensive institutional phenomena of modern society. *Credit: 3 semester hours.*

219 CRM—Corrections

A broad overview of the corrections system in the United States. Focus is on the growth in imprisonment rates and of the prison-industrial complex—and the effects on corrections personnel and inmates, their families and communities. *Credits: 3 semester hours.*

219 Sociology of Prisons

Historical and theoretical justification for punishment in Europe; penal practice in America; federal and state correctional systems; impact of federal and state courts on penal systems. *Credit: 3 semester hours.*

222 The Global City

This course examines the increasingly important role of cities in the world. The city is analyzed within global and local contexts. The development of cities in the world and global capitalism are also discussed along with theoretical perspectives studying the city.

Credit: 3 semester hours.

223 Urban Sociology

The interrelations among population, technology, environment and political economic structure in urban settings, the impact on social class structure, lifestyle, labor resources, consumer markets and housing.

Credit: 3 semester hours.

224 Women and the City

Examines the informal and formal activism of women in neighborhoods, community organizations and cities. Sociological theories on urban life and recent research which investigate women are explored.

Credit: 3 semester hours.

227 Criminology

Legal understandings of crime, criminology, criminal law, patterns of crime, theories of criminal behavior and society's attempt to control criminal activity through the police, prosecution, courts and correctional institutions.

Credit: 3 semester hours.

228 Sociology of Community

This course will focus on community processes of cohesion, conflict and change. Race, ethnic, religious and gender relations are analyzed. Power and community organization are also examined. *Credit: 3 semester hours.*

230 Sociology of Organizations (Cf. EDU 5230)

Research and theory on complex organizations. Topics discussed include: social power and control, innovation, social mobility ladders, integrating new technology, workplace democracy, complexity and size and matrix organization.

Credit: 3 semester hours.

231 CRM Evaluating Criminal Justice Policies

This course examines the methods, techniques and measures for evaluating criminal justice agencies and policies. *Credit: 3 semester hours.*

232 CRM Criminological Theory

This course introduces students to theories of crime with a focus on sociological theories. Biological, psychological and economic theories are also discussed. *Credit: 3 semester hours.*

233 CRM—Environmental Crime and Justice

Foundations of global environmental justice. The investigation and prosecution of environmental crime emphasizing the use of forensic science and GIS for uncovering environmental racism and injustices in the U.S. and abroad.

Credit: 3 semester hours.

234 Global Poverty

An examination of the daily lives of poor people throughout the world in their social context. This course will look critically at the fail-

ures of global policies to substantially change the conditions of the world's poor and the conditions that would have to be changed if poverty is to be ended.

Credit: 3 semester hours.

235 CRM Global Crime

Analysis of the global networks and technological, economic and cultural activities that sustain transnational criminal activities. The impact of transnational corruption and crime on social institutions will also be examined.

Credit: 3 semester hours.

240 CRM Principles of Forensic Science

Criminalistics as the interface of natural and social sciences applied to criminal investigations. Methods of forensic science that optimize the recovery of physical evidence from a crime scene. *Credit: 3 semester hours.*

241 CRM Crime Mapping

Principles of crime mapping applied to policing, forensic investigation, and prosecution of crime. Emphasizes the use of GIS for spatial analyses of crime patterns.

Credit: 3 semester hours.

243 Social Movements and Social Change

An examination of the diverse social and cultural movements that have and are currently transforming the world, including the globalization of the economy, nationalism, class struggle, feminism, postmodernism and techno-science. *Credit: 3 semester hours.*

244 Social Movements and Globalization

An examination of the diverse social and cultural movements that have, and are currently transforming the world. This entails an understanding of the social structure of the modern world and of the agents seeking to transform that world. *Credit: 3 semester hours.*

245 GIS Applications for Global Development and Social Justice

Learn Geographic Information Systems (GIS) computer applications and data analyses as research tools for mapping and critically analyzing factors that assist in global development and the promotion of social justice.

Credit: 3 semester hours.

247 Global Education

Impact of neo-liberal policies of fiscal austerity, decentralization and privatization on education within the United States and worldwide.

Credit: 3 semester hours.

249 Sociological Perspectives on Education

The impact of political, economic, family and religious institutions on educational policies, administrative procedures and classroom instruction. *Credit: 3 semester hours.*

251 Social and Cultural Foundations of Education

An analysis of the various social and cultural forces that have influenced the development of pedagogical thought, structures and practices within the contemporary system of education in the U.S. *Credit: 3 semester hours.*

Department of Speech, Communication Sciences and Theatre (SPE)

Program of Study: Master of Arts

The 48-credit Master of Arts degree program is accredited by the Council on Academic Accreditation of the ASHA in Speech-Language Pathology and Audiology and is a New York State licensure-qualifying program. The curriculum consists of three substantive divisions: a basic core curriculum, taken by all students, that includes advanced courses in research, basic communication processes and clinical studies; a major area concentration curriculum in speech-language pathology or audiology, selected in consultation with one's advisor; and a research course, or project or thesis. Each student must earn 42 course credits and complete a master's thesis for six credits or 45 course credits and complete a three-credit research project or advanced research course. In addition, each student must demonstrate proficiency in at least one of three areas: instrumentation and microcomputers, statistics or language (including manual communication). Proficiency may be demonstrated through acceptable performance in a specified course (for three credits) or through a language proficiency exam. Students must also complete a minimum of 400 hours of supervised clinical experience.

Students accepted to the M.A. program may not change their selected major area during the course of their master's study. After completion of the master's degree in the area originally chosen, the student may pursue coursework and practica towards dual certification requirements.

Entrance Requirements

Admission into the program requires a B.A. degree (with a minimum cumulative index of 3.0), competence in oral and written communication, three letters of recommendation, a 300-word written statement of career goals, six credits of undergraduate coursework in biological/physical sciences and three credits in mathematics, six credits of undergraduate coursework in behavioral and/or social sciences and 18–21 credits of undergraduate coursework (depending upon undergraduate background in speech-language pathology) in the speech and hearing sciences, anatomy and physiology of speech, phonetics, language acquisition or linguistics, audiology and speech-language pathology. In addition, courses in computer science and statistics are

Research Courses

900 SOC and CRM Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the master's degree requirements. *Credit: 3 semester hours.*

Maintaining Matriculation

925 Maintaining Matriculation

Master's students not registered for other courses must register for 925 until all degree requirements are completed and the degree is granted. *No Credit. Fee: \$50 per semester.*

Courses Taken Outside Department

With the permission of the department's Graduate Educational Policy Committee, a student may take up to six credits (two courses) in other departments or divisions of the University for degree credit. This option does not apply when advanced standing has been granted for courses taken at another university.

For a complete listing of approved courses, please contact the Dean's office.

300 Social Research: Strategies and Tactics

Prerequisite: SOC 127 or at least a "B" in an undergraduate statistics course. Qualitative and quantitative data analysis in sociological research-design; observation and participatory techniques of data collection, sampling and survey operations; questionnaire, interview and scale construction. *Credit: 3 semester hours.*

301 Evaluation Research and Data Analysis

This course will focus on the analysis of data collection through qualitative and quantitative research with a focus on the evaluation of existing programs. *Credit: 3 semester hours.*

306 CRM Contemporary Issues in Criminology

This course is intended to focus on the latest developments in crime and justice. Possible topics might include: terrorism; international organized crime; illegal alien smuggling; money laundering and health care fraud. *Credit: 3 semester hours.*

420 SOC Readings in Sociology: Selected Topics

Offers advanced graduate students opportunity for intensive guided study in a sociological field not covered by graduate seminars with faculty guidance and feedback. Chair's permission required. For Sociology majors only. *Credit: 3 semester hours.*

500 SOC and CRM Practicum in Applied Sociology

Sociological practice in applied settings. The student will formulate a research project for an internship or work setting. Preliminary findings are expected. Students can then enroll in either SOC 501 or 502 in the following semester. *Credit: 3 semester hours.*

501 SOC and CRM Field Internship

Prerequisite: SOC 500. Course provides an opportunity to gain a working knowledge of sociological practice in a field setting and to apply sociological analysis to the field experience. Students will complete the research paper based on the proposal prepared in SOC 500. *Credit: 3 semester hours.*

502 SOC and CRM Work-Setting Research

Prerequisite: SOC 500. For students in current work settings that provide experience equivalent to a field placement (as described in SOC 501). Students complete the research paper based on the proposal prepared in SOC 500. *Credit: 3 semester hours.*

800 Colloquia

Current issues in sociology as well as other topics of current interest are presented by outside speakers or current student researchers. All students are required to attend. *No credit. No fee.*

**Also open to qualified undergraduates.*

desired. An interview may be required. Provision is made through special courses for students deficient in coursework entrance requirements. Graduate Record Examination (GRE) scores are optional; however, students applying for graduate assistantships or Doctoral Fellowships must take the Graduate Record Examination.

Degree Requirements

- A. Required Courses:** All students must take a minimum of 15 credits of required coursework distributed in three areas: in the research core (SPE 201); the basic communication processes core (SPE 202, 203 for all students and 204 for speech-language pathology students or 205 for audiology students); and the clinical core (at least one course from among SPE 210, 211, 212, 214).
- B. Major Concentration:** When applying, students select a concentration area in either speech-language pathology or audiology, taking a minimum of 24 graduate credits in the major area of study, with the courses selected in consultation with the student's advisor.
- C. Residency:** Each student must satisfy a full-time residence requirement (a minimum of 10 credits) during one academic semester, excluding summers.
- D. Practicum:** Students must complete a minimum of 400 hours of supervised clinical experience, distributed among several categories of communication disorders with children and adults. A student may apply up to six credits of practicum toward the 48 credits required for the degree.
- E. Research:** Students must complete a research project or a master's thesis, or enroll in SPE 440 (Advanced Research Methods). Students in the non-thesis research project option select a special research course (three credits) in their area of interest and complete a supervised research project. The topic is chosen in consultation with one's mentor and must be approved by the mentor. Upon completion, the student must submit a written report to his/her mentor. Students in the thesis option earn six credits for Master's Thesis Research (900) completed under the supervision of a faculty member and committee and present their results in a written report.
- F. Research Tools:** Students must demonstrate proficiency in at least one of three areas: statistics, language (including manual communication) or instrumentation and microcomputers. Proficiency may be demonstrated by completing designated courses or passing an examination in Spanish, French, German, Hebrew or Manual Communication. Credit will be given toward the degree for a course that

fulfills the research tool requirement.

Students who satisfy this requirement by the examination must take an additional three credit program course.

- G. Comprehensive Examination:** A written comprehensive examination taken during the last semester of coursework is required of all students electing the research project option. For students who have elected the thesis option, the examination is oral and centered on the thesis and related areas.

Certificate: Teacher of Students with Speech and Language Disabilities

Students will be eligible to obtain a Certificate as Teacher of Students with Speech and Language Disabilities issued by the New York State Department of Education provided that they meet the education, practicum (student teaching) and observation requirements as required by the New York State Dept. of Education. Practicum SPE 407 (two credits) in an educational setting with a minimum of 150 contact hours may be taken in lieu of undergraduate student teaching. A special selection of coursework to meet New York State Education requirements for the Teacher of Students with Speech and Language Disabilities will be provided to those students who are interested in this program. Upon completion of this program, endorsement to the state will be issued.

Program of Study: Doctor of Audiology

Three academic institutions on Long Island, Adelphi, Hofstra, and St. John's Universities, have joined together to offer their combined resources for a ground-breaking Doctor of Audiology program, now available to qualified bachelor's and post-master's graduates. Students are able to utilize the resources of all three schools, including the laboratories, equipment, faculty, and externship sites.

The objective of this clinical program is to produce highly skilled practitioners who have the ability to perform the wide variety of diagnostic, remedial, and other critical services included within the scope of practice for audiologists to meet the new requirements for certification.

Each audiology doctoral student completes at least one-third of the credits needed to earn the Au.D. at a home university. The home institution maintains student transcripts, provides advisement, and monitors ASHA certification and New York State licensing requirements. The home institution awards the degree, noting that it was completed in conjunction with the two other universities.

Prerequisites for admission into the Au.D. Tri-University Program include completion of a bachelor's or master's degree from a regionally accredited institution. Applicants are admitted based on established admission criteria.

The curriculum includes advanced course work in vestibular assessment, hearing aid technology, early intervention, and electrophysiology. In addition to classes that are scheduled within traditional semesters, a variety of instructional formats, including such as intensive one-to eight-week institutes, weekend workshops and distance courses are offered.

One applies for the Au.D. program through Adelphi University.

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|----------|---|
| SPE 1730 | Language Acquisition |
| SPE 1740 | Hearing Science |
| SPE 1760 | Intro to Sign Language |
| SPE 201 | Research Methods |
| SPE 202 | Acoustics |
| SPE 203 | Models of Language |
| SPE 205 | Advanced Anatomy & Physiology |
| SPE 212 | Pathologies of Auditory System |
| SPE 214 | Habilitation & Rehabilitation of Hearing Impaired |
| SPE 2750 | Clinical Audiology |
| SPE 2780 | Aural Rehabilitation |
| SPE 351 | Advanced Audiology |
| SPE 352 | Advanced Audiology |
| SPE 353 | Electrophysiology I |
| SPE 354 | Habilitation of Deaf Child |
| SPE 354 | Habilitation of Deaf Child |
| SPE 355 | Habilitation of Deaf Adult |
| SPE 355 | Habilitation of Deaf Adult |
| SPE 356 | Speech Perception |
| SPE 357 | Amplification Systems |
| SPE 358 | Dynamics of Hearing Aid Fitting and Dispensing |
| SPE 359 | Industrial Audiology |
| SPE 360 | Counseling |
| SPE 364 | Central Auditory Processing |
| SPE 365 | Electrophysiology II |
| SPE 3840 | Diag Methods in SLP |
| SPE 440 | Research Methods II |
| SPE 450 | Instrumentation & Microcomputers |
| SPE 451 | Research Project |
| SPE 490 | Instrumentation |
| SPE 4990 | Seminar |
| SPE 900 | Thesis |

Au.D. Courses

| | |
|---------|---|
| SPE 701 | Neuroanatomy and Physiology |
| SPE 702 | Genetics |
| SPE 703 | Current Issues Vestib |
| SPE 704 | Cochlear Implants |
| SPE 705 | Middle/Late AEPs |
| SPE 706 | Classroom Amplification and Assistive Listening Devices |
| SPE 707 | Early Intervention |
| SPE 708 | Intraoperative Montrg |
| SPE 709 | Pharmacology/Ototoxicity |
| SPE 710 | Aural Rehabilitation – Pediatrics |
| SPE 711 | Aural Rehab – Adults |
| SPE 715 | Communication Processes in the Aging |
| SPE 720 | Aural Rehabilitation – Adult |
| SPE 730 | Clinical Project Seminar |
| SPE 735 | Clinical Seminar in Audiology |
| SPE 740 | Hearing Aid Dispensing /Prof Practice |

Faculty Qualifications

The faculty are experienced professionals and those faculty members engaged in clinical supervision hold the appropriate NY State license and ASHA Certification. In addition, adjunct faculty are brought in to teach selected courses in specialized areas or supervise at the Speech and Hearing Center.

Facilities

Resources available to the student include the Computer Center and Microlabs, Television Center and Health Education Resource Center, as well as the Speech and Hearing Center and the Speech Laboratory. The Speech and Hearing Center, located off campus at 152-11 Union Turnpike, serves as a training facility for students while providing diagnostic and remediation services to the community. It has substantial resources, including tests, materials and instrumentation necessary to provide required practicum experiences. More than 100 outside facilities, including medical centers, hospitals, schools, day care centers and nursing homes, serve as externship sites for students, providing experience in a variety of settings. The center is open six days a week, including evenings.

Courses

Intermediate Course

(Prepares students who lack required undergraduate courses to meet the undergraduate coursework entrance requirements.)

106 Introduction to Speech-Language Pathology

(Pre- or co-requisite SPE 1710, 1720, 1730 or equivalent). Principles of speech-language pathology, including classification, etiology, symptoms and physioanatomical correlates of neurologically, anatomically and functionally based disorders. *Credit: 3 semester hours.*
May not count toward the degree.

Required Courses

1. Research Core (3 credits)

201 Introduction to Research Methods

Research practices in communicative disorders, with emphasis on principles of scientific reasoning and their relation to design, measurement considerations and statistical inference. *Credit: 3 semester hours. Every semester.*

2. Basic Processes Core (9 Credits)

202 Acoustics and Perception of Speech

The acoustics of speech, including how differences in articulatory behavior are reflected in the acoustic signal; perception of the speech signal. *Credit: 3 semester hours.*
Laboratory fee: \$15.

203 Models of Language Behavior

Psycholinguistic theories of language and speech development, including syntax, semantics and pragmatics. Relation between language and cognition, including attention, perception, storage and retrieval. *Credit: 3 semester hours.*

204 Advanced Anatomy and Physiology of Speech

The use of the speech mechanism, especially the muscular and neurological systems. Functional units of the speech system and their coordinated use to produce normal speech. For Speech-Language Pathology majors. *Credit: 3 semester hours.*

205 Advanced Anatomy and Physiology of the Hearing Mechanism

An in-depth study of the anatomical structures and specific functions of the peripheral and central auditory mechanisms. For audiology majors. *Credit: 3 semester hours.*

3. Clinical Core (3-12 credits)

210 Origins and Assessment of Speech-Language Problems

Assessment of speech and language disorders including developmental status, differential diagnosis, use and limitations of standardized instruments, scoring and interpretation and application of dynamic assessment procedures. *Recommended for students who have not taken a diagnostic course.*
Credit: 3 semester hours.

211 Origins and Assessment of Speech-Language Problems

Clinical examination of persons with oral communication problems. Emphasis on formal and informal assessment procedures of school-age children and adults with communication disorders. *Credit: 3 semester hours.*

212 Pathologies of the Auditory System and Their Assessment

Overview of disorders affecting hearing, their symptomatology and audiologic signs. Concepts and underlying principles of advanced audiometric techniques, interpretation of audiological results. *Credit: 3 semester hours.*

214 Habilitative and Rehabilitative Procedures for the Hearing Impaired

Application of audiological findings and theory to rehabilitation and management of hearing-impaired and deaf children and adults and selection of amplification for the hearing impaired. *Credit: 3 semester hours.*

Concentration Areas

1. Speech-Language Pathology

310 Voice Disorders

Normal and abnormal adaptation of respiration, phonation and resonance in the production of voice; procedures, materials and instrumentation for voice diagnostics and therapy, as applicable to children and adults. *Credit: 3 semester hours.*

311 Fluency

Fluency and factors that may disrupt it; nature and development of stuttering across the life span; special consideration for pre-school and school-age children; interactions with children, parents and teachers. *Credit: 3 semester hours.*

312 Motor Speech Disorders

Nature, classification, neurology and pathologies associated with motor speech disorders. Descriptions of dysarthrias, apraxias, dysphagia and other respiratory/phonatory and motor speech disorders across the life span. *Credit: 3 semester hours.*

314 Disorders of Articulation

An analysis of development of articulatory skills, phonological processes and the patterns of articulatory and phonological disorders. *Credit: 3 semester hours.*

315 Augmentative Communication Systems

Alternate communication systems for individuals across the range of communication handicaps, including sign systems, Bliss symbols, communication boards, electrical-mechanical aids and other assistive technologies. *Credit: 3 semester hours.*

316 Communication Disorders Associated with Craniofacial Anomalies

Disorders of speech, language and hearing associated with the craniofacial anomalies including assessment and intervention, classification, anatomy and physiology and embryology. *Credit: 3 semester hours.*

317 Acquired Language Disorders

Syndromes of language impairments resulting from neurological damage. Includes differential diagnosis and rehabilitation of pathologies in the adult population (e.g., aphasia, traumatic brain injury, dementia). *Credit: 3 semester hours.*

318 Developmental Language Disorders

The disorders of language in children (e.g., childhood autism, developmental disabilities, delayed and disordered language, etc.) and its challenges in learning and in the classroom. *Credit: 3 semester hours.*

319 Psychoneurology of Learning Disabilities

Psychological, neurological and learning theories as they relate to learning disabilities. An interdisciplinary consideration of disturbed learning processes as they relate to theories in psychology and special education. *Credit: 3 semester hours.*

320 Language-Based Learning Disabilities

Linguistic theories of language and learning disabilities. Analysis, identification and differential diagnosis of children with language learning disabilities and the relation between language, reading, writing and literacy. *Credit: 3 semester hours.*

321 Speech-Language Assessment and Intervention for Infants, Toddlers and the Pre-School Child

Educational principles and procedures for infants, toddlers and pre-school children with language and learning disabilities and perceptual skill impairments. *Credit: 3 semester hours.*

322 Communication Problems of Geriatric Persons

Study of the speech, language and hearing difficulties affecting the geriatric population and the relationship of social adjustment and health concerns of this population to communication disorders. *Credit: 3 semester hours.*

323 Communication Problems of the Developmentally Disabled and Multiply Handicapped

The nature and causes of developmental disabilities, their impact on the family, community and school system. *Credit: 3 semester hours.*

324 Independent Study in Speech-Language Pathology

Study of current problems in speech-language pathology. Recommended for students selecting the thesis option, or other students wishing to investigate a particular problem in depth. Student must select a mentor to direct study. *Credit: 3 semester hours.*

325 Studies in Bilingualism

Theories of bilingualism will be described as the development of multi-lingual children is considered. Neurolinguistic considerations of brain-damaged multi-lingual speakers will also be considered. *Credit: 3 semester hours.*

326 Medical Speech-Language Pathology and Audiology

An overview of the medical aspects of speech pathology and audiology and the relationship existing in the medical center among speech pathologists, audiologists, physicians and other allied health professionals. *Credit: 3 semester hours.*

328 Dysphagia: Theory and Practice

Anatomy and neurophysiology of normal swallowing in the aero-digestive tract. Patho-physiology of swallowing in children and adults; evaluation techniques and treatment procedures; identification of risks and precautions. *Credit: 3 semester hours. May be taught off campus.*

329 Neuroanatomy and Neuropathology of the Speech System

Functional classification and principles governing brain function; levels of organization of speech motor function; clinical/diagnostic technologies in medical speech-language pathology and research. *Credit: 3 semester hours.*

330 Speech-Language Pathology Practice in Educational Settings.

Implementation of Speech-language services in schools. Methods of various service delivery models; education law; strategies for effective participation in services for speech- and language-impaired students. *Required for students enrolled for the New York State License as*

Teacher of Students with Speech and Language Disabilities. Credit: 3 semester hours (30 hrs. and field experience).

331 Principles of Dysphagia

Swallowing physiology; behavioral and meal-time correlates of swallowing; associated diagnoses and conditions; evaluation methods; treatment and management; clinical decision-making and counseling. *Credit: 3 semester hours.*

340 Special Topics in Speech-Language Pathology

The course is devoted to the in-depth study of areas of speech-language pathology to which no standard course is dedicated and whose study is felt to be warranted at particular intervals. *Credit: 3 semester hours.*

Clinical Practica in Speech-Language Pathology**405 Speech-Language Pathology Practicum**

Clinical methods and practice in the evaluation and remediation of disorders of speech and language at on-campus and off-campus sites with children and adults. Minimum of 60 hours of direct clinical practice per credit. *May be repeated for a maximum of 5 credits. Students must preregister with the clinical coordinator before advisement and have sufficient background in coursework. Credit: 1-3 semester hours.*

406 Practicum in Diagnostic Assessment

Prerequisite: At least one credit of SPE 405 and SPE 210 or SPE 211. Clinical methods and practice in evaluation and assessment of communication disorders in children and adults, including follow-up counseling. Usually provides a minimum of 60 hours direct clinical experience. *May not be repeated. Limited enrollment. Credit: 1 semester hour.*

407 Practicum in Speech-Language Pathology in Educational Settings

Prerequisite: SPE 330. Practicum experience in a school-based setting equivalent to a student teaching experience. Minimum 150 hours of direct contact hours must be earned and verified by practicum coordinator. *A signed authorization of Completion Letter must be filed with the New York State Department of Education, to use this experience to fulfill requirements for state teacher certification. Credit: 2 semester hours.*

410 Clinical Practicum in Speech-Language Pathology for the Audiologist

Clinical methods and practice in the treatment of speech-language disorders, minimum of 35 hours in minor area appropriate to the scope of practice. Satisfies certification/licensure requirements in the minor field of study. *Credit: 1 semester hour. Practicum.*

415 Clinical Practicum in Conjunction with Coursework

Taken in conjunction with coursework, clinical methods and practice in the evaluation and remediation of specific disorders. Supervision provided at on-campus and off-campus sites,

where appropriate. *May be taken for no more than 3 credits (60 hours per credit) and by permission only. Credit: 1-3 semester hours.*

2. Audiology**351 Advanced Audiology**

Advanced clinical and experimental methods of evaluating the peripheral and central auditory system. Knowledge of basic audiological techniques is presumed. *Credit: 3 semester hours.*

352 Pediatric Audiology

Review of normal and abnormal auditory development and embryology. Etiology, assessment from infancy through childhood, impact of hearing impairment on speech and language development in the pediatric population. *Credit: 3 semester hours.*

353 Electrophysiological Assessment of Hearing

Immittance procedures, otoacoustic emissions, vestibular testing. Current methods in immittance measurements (static and dynamic measurements, eustachian tube and other middle ear functions and special applications). *Credit: 3 semester hours.*

354 Habilitation of Children Who are Deaf or Hearing Impaired

Theories of language, speech production and perception of children with hearing loss. Emphasis on current approaches to assessment, speech training and the use of sensory aids including computer-based devices. *Credit: 3 semester hours.*

355 Rehabilitation of Adults Who are Deaf or Hearing Impaired

Current research and theory on speech production and Perception in adults with hearing loss of various etiologies, including speech production, auditory feedback, cochlear implants and speechreading. *Credit: 3 semester hours.*

356 Speech Perception and the Hearing Impaired

Studies in the acoustic and physiological processes underlying the perception of speech in the deaf and hearing impaired with comparisons to speech perception in individuals with normal hearing. *Credit: 3 semester hours.*

357 Amplification Systems

Electroacoustic characteristics of the hearing aids, clinical selection of analog and digital amplification, assistive devices, group auditory training systems and patient management. *Credit: 3 semester hours.*

358 Dynamics of Hearing Aid Fitting and Dispensing

Principles and techniques for fitting hearing aids using a variety of procedures and acoustic modifiers. Repairing adjusting and dispensing hearing aids; economic and legal considerations of these aspects of the delivery system. *Credit: 3 semester hours.*

359 Psychological and Physiological Effects of Noise

Measurement, evaluation and control of environmental noise. Effects of acoustic trauma, development and impact of industrial audiometry programs, conservation of hearing, medical-legal criteria of hearing loss in forensic audiology. *Credit: 3 semester hours.*

360 Counseling for Persons with Communication Disorders and for their Families

Introduction to procedures of professional counseling. Theories and techniques of counseling for the communicatively disordered and their families or caregivers across the life span. Open to graduate students in related fields. *Credit: 3 semester hours.*

361 Independent Study in Audiology

Emphasis on reading and evaluating the recent scientific and professional literature in audiology and hearing impairment. Exploration of a special problem or subject matter. *Credit: 3 semester hours.*

362 Instrumentation for the Audiologist

Laboratory experience with instrumentation for audiometry and noise measurement, Electraacoustic principles of instrument design, electrophysiological tests, requires calibration equipment. *Credit: 3 semester hours.*

363 Special Topics in Audiology

The course is devoted to the in-depth study of areas in audiology to which no standard course is dedicated and whose study is felt to be warranted at particular intervals. *Credit: 3 semester hours.*

364 Central Auditory Processing

Anatomical and physiological processes and structures involved in processing acoustic information in the central auditory system. Relevance of processes to disorders/pathologies associated with central auditory dysfunction, management and treatment. *Credits: 3 semester hours.*

365 Electrophysiological Assessment II

Theoretical concepts in electrophysiological assessment of the auditory system. Procedures, recording techniques, interpretation, clinical application, synthesis of results using electrocochleography, the ABR and middle and late potentials. *Credits: 3 semester hours.*

Clinical Practica in Audiology

420 Clinical Practicum in Audiology for the Speech-Language Pathologist

Clinical practicum in assessment of hearing disorders and rehabilitation management of hearing impaired persons. Minimum of 35 hours in the minor area appropriate scope of practice. *Credit: 1 semester hour.*

425 Clinical Practicum in Diagnostic Audiology

Clinical methods and practice in the evaluation and diagnosis of hearing disorders across the life span; Clinical assignments at on-campus and off-campus sites. (1 credit = 60 hours of clinical experience. Maximum credits = 5) *Credit: 1-3 semester hours.*

430 Clinical Practicum in Aural Rehabilitation

Clinical methods and practice in aural rehabilitation across the life span, including lip reading, auditory training, counseling, case management, report writing, community resources, on-campus and off-campus sites. (1 credit = 60 hours of clinical experience. Maximum credits = 3) *Credit: 1-2 semester hours.*

435 Clinical Practicum in Conjunction with Coursework

Clinical methods and practice in specific remediation techniques for particular hearing impaired populations and/or assessment of hearing disorders. Supervision provided at on-campus and off-campus sites where appropriate. May be taken for no more than 3 credits (60 hours per credit). *Credit: 1-3 semester hours.*

Professional Issues

380 Issues in the Profession

Legislative and professional issues affecting the speech and hearing profession and their effects on services provision and impact on the field. Legal rights of communicatively disordered persons, including provisions of the ADA, IDEA. *Credit: 3 semester hours.*

381 Cultural Diversity in Speech-Language Pathology and Audiology

This course is intended to give the student/professional an understanding of multicultural, culturally diverse populations, processes and ESL strategies associated with the non-native speaker of English. *Credit: 3 semester hours.*

382 Principles of Private Practice Management

This course covers definitions and characteristics of practitioners, the types of practice, location and space considerations. Open to both speech-language pathology majors and audiology majors. *Credit: 3 semester hours.*

Research

Each student selects 451, 452 or 453 for special study in areas of interest leading to the completion of a research project, which is necessary to fulfill degree requirements for students electing the Research Project Option. *Credit: 3 semester hours. Laboratory fee. A course seminar is to be scheduled to guide the students through the process.*

SPE 451 Special Research in Audiology

SPE 452 Special Research in Speech-Language Pathology

SPE 453 Special Research in Speech and and Hearing Sciences

SPE 440 Advanced Research Methods

Prerequisite: SPE 201. Students will examine and interpret research results using statistical techniques and graphic displays. Students will design a clinical efficacy study related to assessment or intervention.

SPE 900 Master's Research

Open to students electing the master's thesis option. Assigned readings, conferences and in-depth study of thesis topic resulting in the completion and presentation of a thesis to fulfill degree requirements. *Credit: 3 semester hours for students continuing from Special Research; 6 semester hours for students beginning and completing a thesis in this course. Laboratory fee.*

Research Clinical Tools

Proficiency in one of the following research tool areas must be demonstrated either by examination or by successfully completing at least one of the courses or course sequences listed below. (3 credits will be given toward the degree for a course that fulfills the research tool requirement.)

Computer Science

450 Instrumentation and Microcomputers

Instructions in the purpose and use of instrumentation in the clinical, educational and research laboratory setting for analysis, assessment and study of normal and disordered speech, language and hearing processes. *Credits: 3 semester hours.*

Language

490 Manual Communication/Sign Language

Students will understand the history of ASL, the culture of the Deaf community, ASL and its relationship to other forms of sign language and sign systems and non-verbal communication techniques. *Credits: 3 semester hours.*

French 0101; 0102 French Reading Course

(0101 is prerequisite to 0102). This course is designed to give the candidate for the master's and doctor's degree a grasp of the fundamentals of the language and a good working vocabulary so he/she can use the language as a research tool in his/her field of specialization. *Two semesters. Two graduate tuition credits per semester.*

The research tool requirement can also be satisfied by successfully completing the GSFLT exam in Spanish, French, Russian or German. The requirement can also be satisfied by successfully completing approved, standardized examinations in Hebrew or American Sign Language; apply at the Graduate Division of the College of Liberal Arts and Sciences Office.

Statistics

491 Statistics for the Communication Sciences and Disorders

Descriptive and inferential statistics used in research and in evaluating treatment effectiveness in communication sciences and disorders; frequency distributions, measures of central tendency and variability; a variety of parametric and nonparametric techniques for correlation and for hypothesis testing; group and single subject designs. *Three graduate tuition credits.*

Related Courses From Allied Disciplines

PAS 214 Management in the Health Care Industries (formerly CSP 226)

PSY 623 Developmental Psychology I

PSY 715 Assessment Diagnosis and Remediation of Learning Disabilities

PSY 716 Psychoeducational Consultation in the Classroom

PSY 726 Psychopathology of Childhood and Adolescence I

PSY 727 Psychopathology Childhood and Adolescence II

PSY 836 Behavioral Neuropsychology

For a complete listing of approved courses, please contact the Dean's office.

Department of Theology and Religious Studies (THE)

Programs of Study

In keeping with the objectives of the Second Vatican Council, the Graduate Program of the Department of Theology and Religious Studies seeks to examine the richness of the Catholic faith and its theological heritage in the light of modern human experience. This experience includes the values of other sciences, other religions and other cultures.

The program provides an environment of academic excellence flexible enough to fit the needs of those interested in pursuing further research degrees, professional ministry, or parish service, as well as those interested in this area for personal enrichment.

The program aims at encouraging high academic achievement and heightened sensitivity to the needs for social justice and peace in the world around us. In this spirit, the Department of Theology and Religious Studies offers the Richard Kugelman Scholarship to honor the memory of this prominent biblical scholar and former Chairperson, especially in his great love for biblical studies and for the poor. This award is made to enable a qualified student, who might not otherwise be able to afford it, to study theology, especially Sacred Scripture. Graduate assistantships are also available. Interested students should contact the Departmental Chairperson for further information.

In addition to the Master of Arts and Master of Divinity programs, the Department of Theology and Religious Studies also offers an intensive, accelerated, combined degree program leading to both the B.A. and M.A. degrees in five years of full-time study.

Master of Arts in Theology

Entrance Requirements

The applicant for matriculation in the Department of Theology and Religious Studies must have a bachelor's degree which normally includes 24 undergraduate credits in theology, philosophy, or related subjects, and an overall "B" average on the baccalaureate level.

Students who wish to concentrate in catechetical ministry must have sufficient background in undergraduate theology to pursue the graduate courses in this concentration.

Any deficiencies in undergraduate preparation may require some supplementary, non-credit work in the department as a condition for admission. Appropriate undergraduate or 100-level courses may serve this purpose.

Program Requirements

M.A. students may choose to specialize in one of six areas of theology:

- 1) Biblical Studies
- 2) Historical Studies
- 3) Systematic Theology
- 4) Moral Theology
- 5) Interfaith Studies
- 6) Pastoral Theology

Students may select either a thesis or a non-thesis program in each of these areas, with the exception of the Catechetical Ministry concentration in Pastoral Theology (see below).

Course requirements for all M.A. students:

- 1) One course each from five different areas, one of which is in the student's area of specialization. – 15 credits.
- 2) Three additional courses in one's area of specialization – nine credits.
- 3) Thesis Option: Two elective courses and THE 900 – nine credits.

Non-Thesis Option: Three elective courses – nine credits.

Catechetical ministry students in the pastoral theology specialization are required to take two courses in the area of catechetics. The remaining courses will be selected in consultation with the program advisor (see below).

Thesis Option

Students who choose to write a thesis must complete 33 semester hours of graduate courses (including three credits of master's research — THE 900), residence, language and a comprehensive examination.* Students in historical studies, systematic theology, moral theology, or interfaith studies must fulfill their language requirement by showing competence in a language appropriate to their field of research: i.e., Latin, French, German or Spanish. With the exception of the biblical studies specialization, courses taken to prepare for the language examination or to fulfill the language requirement do not count toward the degree.

For students specializing in biblical studies, six semester hours of graduate-level Hebrew for those in Old Testament (THE 111-112), or Greek for those in New Testament (THE 121-122), taken in the graduate program at St. John's to fulfill the language requirement, will count as two electives.

Non-Thesis Option

All students who choose a non-thesis program must complete 33 semester hours of graduate courses, residence and a comprehensive examination.* Students specializing in biblical studies who choose a non-thesis program are urged to take the appropriate biblical language.

Those who concentrate in Catechetical ministry may submit a research paper or project to the Committee on Catechetical Ministry which, in conjunction with an independent research course (THE 901, 902, 903), may be used to earn three credits toward the M.A. (see next page for further details).

**The rules governing the application and administration of this examination are found under "Comprehensive Examination" in the Graduate Division of Arts and Sciences section of this bulletin.*

Catechetical Ministry Concentration

The graduate concentration in catechetical ministry within the pastoral theology specialization provides training for those working in the formation of the Christian community in any of its various aspects. The program utilizes the resources of both the graduate department and the University at large to offer students a comprehensive background in both theology and the communication of the Christian experience. Catechetical ministry students are required to take two courses in the area of catechetics. The remaining courses are selected in consultation with the program advisor.

Equipped with this background, graduates can pursue catechetical ministry in a spirit of unity with other ministries of the Church. Courses, personal reading and preparation for comprehensive examinations all help to integrate theology with catechetics. The concluding seminar (THE 706) enables degree candidates to summarize and correlate their studies. Along the way, consultation with a faculty advisor also helps students to orchestrate various aspects of the program.

Three model sequences have been designed to help students prepare for specific catechetical contexts and ministries: (1) parish youth ministry; (2) parish catechetical coordinator; and (3) teacher of religion in elementary or high school.

(1) Parish Youth Ministry

This sequence provides a solid background in the theory and practice of youth ministry at the levels of the local church/parish and diocese, stressing the knowledge and skills needed to deal with a variety of problems faced by contemporary youth. This sequence also emphasizes the traditional ministry of catechesis as well as emerging trends in youth ministry throughout the United States. Courses include THE 702, 706 (both required) and 901; one course each in the areas of social justice (THE 523, 529, or 410), spirituality (THE 531 or 532), pastoral ministry (THE 802 or 804), counseling (EDU 6208 or THE 815), sociology (SOC 131) and three additional courses chosen in consultation with one's faculty advisor.

(2) Parish Catechetical Coordinator

This sequence prepares students for the key role of parish catechetical coordinator in urban and suburban parishes. It provides a strong grounding in catechetical history, theory and practice as well as an integrated grasp of theological foundations. Special attention is also given to management issues affecting the ministry of catechetical coordinator. Courses include THE 702, 706 (both required) and 901; THE 703 and 704, one course in sociology (SOC 228) and five other courses chosen in consultation with one's faculty advisor.

(3) Teacher of Religion

This sequence is particularly valuable for religion teachers in Roman Catholic elementary and high schools. It offers a solid grounding in religious education and catechetical theory and provides the resources of a large theology department to help develop an integrated approach to religion and theology. Special attention is given to the problems experienced by teachers of religion today and to the skills needed for effective teaching. Courses include THE 702, 706 (both required) and 901; one course in educational theory and practice (EDU 7412, 7506, or 7232), one course in non-Christian religions (THE 110, 651, or 658) and six other courses chosen in consultation with one's faculty advisor.

Master of Divinity

Entrance Requirements

Applicants for admission must have completed the degree of Bachelor of Arts or its equivalent with a minimum grade average of "B".

Program Requirements

The M.Div. program consists of a total of 99 hours of graduate courses, divided into three phases. Each semester will usually consist of 12 hours. With the previous approval of the Master of Divinity Program Committee, a student may take up to 21 semester hours in another department of the University, or at another accredited school or university.

Phase 1: Introductory Year

The introductory year fosters the student's commitment to the ministry, serves as an introduction to graduate study and pastoral field education and provides the prerequisites for entrance into the Master of Arts program. A typical first-year program includes: Introduction to the Old Testament, Introduction to the New Testament, an introductory course in Systematic Theology, Introduction to Church History, Pastoral Ministry and electives.

The courses in the Old and New Testaments, systematic theology and church history serve as special prerequisites for the M.A. program. Students who have already met these prerequisites through previous academic work at another accredited institution will work out a suitable program with their faculty advisor.

Phase 2: Master's Program

After the introductory year the student follows the ordinary M.A. program (see above, under "Course Requirements for all M.A. Students").

Students completing this phase of the program with a minimum grade average of "B" will be awarded the degree of Master of Arts in Theology. Others will be considered to have met the prerequisites of the Master of Divinity program. Students concentrate in one of the following areas of study: biblical studies, historical studies, systematic theology, moral theology, interfaith studies, pastoral theology. Each course in biblical Hebrew or Greek may count as an elective for the Master of Divinity.

Phase 3: Post-M.A. Work

These 24 additional hours insure that the entire program of studies is comprehensive and well-balanced and conforms with the guidelines of the U.S. Bishops.

Course Requirements:

The work in all three phases is correlated so that, after eight semesters, students will have completed the following courses (99 semester hours):

- a. **Biblical Studies:** five courses (15 semester hours), including THE 160 and 161 in Phase 1 and at least one exegesis course in both the Old and New Testaments.
- b. **Historical Studies:** four courses (12 semester hours), including THE 130, 352 and two other courses.
- c. **Systematic Theology:** five courses (15 semester hours), including THE 400 in the introductory year.
- d. **Moral Theology:** three courses (9 semester hours), including one course in Canon Law (THE 571).
- e. **Interfaith Studies:** two courses (6 semester hours), including one on a Christian communion other than one's own, and one in a non-Christian religion.
- f. **Pastoral Training:** seven courses (21 semester hours), normally including one unit of clinical pastoral education approved by the faculty and counted as six semester hours. Pastoral courses should be spread throughout the four years of the program, ordinarily one per semester.
- g. **Research and Thesis:** (three semester hours).
- h. **Electives:** (18 semester hours).

Combined B.A./M.A. Program

Entrance Requirements

Qualified undergraduate students who have completed their sophomore year with a 3.0 cumulative index and a 3.5 index for 12 credits in theology are encouraged to apply for this program.

Program Requirements

Students in the B.A./M.A. program matriculate for a total of 144 credits, 33 of which are on the graduate level (see requirements for the M.A. program above). Those electing the thesis option must enroll in three credits of master's research. For specific information, students may consult the undergraduate bulletin and the graduate coordinator.

Certificate in Theology Program

This 18-credit certificate program is especially suitable for those students who already hold a master's degree in a non-theological discipline or for those who have completed a master's program in theology and wish to continue their personal enrichment with courses at the graduate level.

Entrance Requirements

A baccalaureate degree is required for admission to the program.

Program Requirements

To qualify for a Certificate in Theology, a student must successfully complete six graduate courses (18 credits) in theology. These courses may be chosen from any of the course offerings of the Department of Theology and Religious Studies, with the advice of the departmental advisor. It is recommended that three courses be from one of the six specializations offered by the department.

Courses successfully completed with the grade of B or better may be applied to the department's Master of Arts program by any applicant qualified to enter that program.

As fully matriculated students, individuals who register for the Certificate in Theology Program will be eligible for the various tuition reduction plans offered at the University.

Courses

Biblical Studies

General

120 Methods in Modern Biblical Interpretation

Practical and theoretical interpretation to critical methods of exegesis used in modern and contemporary Old and New Testament studies. Methods are discussed, illustrated and used by students in analytic exercises on biblical passages. *Credit 3 semester hours.*

Old Testament

111; 112 Biblical Hebrew I; II

An introduction to the phonology, morphology and syntax of biblical Hebrew, including translation of selected passages from the Hebrew Bible. *Credit: 3 semester hours.*

160 Introduction to the Old Testament

A survey of the history and literature of Israel. Problems of Old Testament interpretation are introduced and the books of the Old Testament are related to their ancient Near Eastern context. *Credit: 3 semester hours.*

240 The Pentateuch

Survey of the critical approaches to the books of the Pentateuch-Hexateuch. The literary "sources" which comprise the first books of the Old Testament are individually introduced, identified and traced from Genesis into the Former Prophets. *Credit: 3 semester hours.*

241 Prophetism in Israel

Survey of critical approaches toward the prophetic books of the Hebrew Old Testament canon. Included are a discussion of prophecy in its ancient Near Eastern setting and an introduction to the message of Israel's so-called "classical" prophets. *Credit: 3 semester hours.*

242 The Wisdom Literature

Survey of critical approaches toward "wisdom" in ancient Israel and Judaism. Included are a discussion of ancient Near Eastern "wisdom" and an introduction to the Wisdom books from the Greek Old Testament with special emphasis on the Psalms. *Credit: 3 semester hours.*

243 Apocalyptic Literature of Israel

An introduction to the exilic and post-exilic prophetic books of the Old Testament Hebrew canon as examples of so-called "proto-apocalyptic." *Credit: 3 semester hours.*

244 The Intertestamental Literature

Survey of the development of both orthodox and sectarian Judaism from Ezra to the two Jewish Wars with Rome. *Credit: 3 semester hours.*

New Testament

121; 122 New Testament Greek I; II

The elements of New Testament Greek grammar and syntax. Basic vocabulary of the New Testament writings. Selected readings from the Gospels and Pauline letters. *Credit: 3 semester hours.*

161 Introduction to the New Testament

Surveys the most basic, authoritative Christian writings in their historical, cultural and religious context within the Greco-Roman world. *Credit: 3 semester hours.*

270 The Synoptic Gospels and Modern Study

Explores the primary theological views and basic literary structures reflected in the Gospels of Matthew, Mark and Luke. Examines major scholarly theories about their formulation. *Credit: 3 semester hours.*

271 The Lukan Writings

Examines the relationship between the Third Gospel and the Acts of the Apostles, and their peculiar character as jointly proclaiming Christian "gospel." Luke's sources, background and main theological themes are explored. *Credit: 3 semester hours.*

272 The Johannine Literature

The formation of the Fourth Gospel and the other Johannine writings, their structure and theology. *Credit: 3 semester hours.*

273 The Pauline Writings

A survey of Paul's career, his role in the rise of early Christianity, and the influence of his Jewish and Hellenistic cultural and religious roots of his "gospel." *Credit: 3 semester hours.*

280 Current Questions in Biblical Hermeneutics

Provides an overview of key moments in the history of biblical interpretation, and discusses present-day issues in biblical interpretation, including the authority of the Bible, the Bible in ecumenical and interfaith contents, ecological approaches to the Bible, and the Bible in Africa, Asia and Latin America. *Credit: 3 semester hours.*

281 The Parables of Jesus

Explores Jesus' distinctive use of illustrative stories and images to prophetically dramatize his view of God's coming rule, and tracks the adaptation of Jesus' parabolic speech from the early Christian Church to the present. *Credit: 3 semester hours.*

282 The Passion and Resurrection Narratives

Closely examines the stories about Jesus' passion and resurrection as they appear in the four canonical Gospels, tracing complementary themes in pre-Christian Jewish tradition, in the teaching of Paul and in early non-canonical Gospel narratives. *Credit: 3 semester hours.*

Historical Studies

130 Introduction to Church History

This course introduces the history of the Western Christian Church through a study of particular periods in its history. *Credit: 3 semester hours.*

345 History of the Development of Christian Doctrine

The course traces the notion of tradition in Christian history and its relationship to traditions. Special attention will be given to the work of Cardinal Newman's *Development of Christian Doctrine*. *Credit: 3 semester hours.*

350 The History of Christian Doctrine I: From the Beginnings to the Middle Ages

Development of the doctrine of the Christian church up to the maturation of the doctrinal tradition of the Christian West in the medieval universities and the encounter of the Byzantine East with the Palamite controversy of the thirteenth century. *Credit: 3 semester hours.*

352 The History of Christian Doctrine II: From the Middle Ages to the 20th Century

Special attention is given to the maturation of the theological tradition in the thought of Thomas Aquinas, the criticism of that tradition in the Age of Reform (particularly by Luther and Calvin) and the attempts to resolve the conflict in the nineteenth century. *Credit: 3 semester hours.*

355 The First Three Centuries of Christianity

The course examines the history of Christian life and thought from the fall of Jerusalem (A.D. 70) to the toleration of Constantine (c. A.D. 313). *Credit: 3 semester hours.*

356 Gnosticism and Early Christianity

Gnosticism (Classical and Nag Hammadi) and its relationship to early Christianity. *Credit: 3 semester hours.*

357 Theology in the Middle Ages

Theology and history of the Catholic Church during the Middle Ages (600–1500 A.D.) This course examines medieval theology by means of interdisciplinary study of theology, philosophy, history and literature, using both primary and secondary texts. *Credit: 3 semester hours*

359 Marriage in the Christian Tradition

This course will explore the development of Christian marriage from its pre-Christian roots through the post Vatican II period. It will focus on key points in the history of marriage and the changes which resulted from the Second Vatican Council. *Credit: 3 semester hours.*

Systematic Theology

140 Essentials of Catholic Doctrine

A one-semester survey course designed to provide an integrated exposition and overview of Roman Catholic doctrine. The major dogmatic pronouncements of the Church are systematically presented. *Credit: 3 semester hours.*

150 The Liturgy Today: Present Tensions—Future Trends

An analysis of some tensions in liturgical thought and celebration today in the light of the liturgy's ancient and recent past. A study of possible future liturgical trends in the light of present theory and practice. *Credit: 3 semester hours.*

352 The History of Christian Doctrine II: From the Middle Ages to the 20th Century (see Historical Studies)

Credit: 3 semester hours.

400 Christian Foundations

A critical examination of the foundations of Christian faith with special attention to the challenges of unbelief in today's secular society. *Credit: 3 semester hours.*

401 The Mystery of God

The knowledge of God through nature and grace. Biblical perspectives. Development of the doctrine of the Trinity. God as Creator. Contemporary challenges to theism. *Credit: 3 semester hours.*

402 Jesus the Christ

Jesus' person, mission, death and resurrection. Christological development in the New Testament and the early Church until Chalcedon. Jesus through the centuries. *Credit: 3 semester hours.*

403 Theological Anthropology

A theological exploration into the meaning and goal of human existence as revealed in biblical revelation and as expressed through the centuries in central Christian doctrines. *Credit: 3 semester hours.*

404 The Community Called "Church"

The Church in the New Testament. Historical forms and basic structure of the Church. The Church and the Kingdom of God. The meaning of Christian eschatology. Ministries in the Church. *Credit: 3 semester hours.*

405 The New Face of Sacramental Theology

New elements in the approach to sacramental theology. The sociological setting and anthropological dimension of the sacraments. The Christian context of the sacraments. *Credit: 3 semester hours.*

406 The Eucharist: Symbol and Reality

An anthropology of symbol and the phenomenology of meal as a basis for understanding the Eucharist. Meal in the Old Testament. Selected eucharistic themes of the New Testament. *Credit: 3 semester hours.*

407 The Healing Ministry of the Church

The history, theology and pastoral practice of the sacrament of reconciliation including a comparison with psychological counseling and practical demonstrations. The history, theology and pastoral practice of the sacrament of the anointing of the sick. *Credit: 3 semester hours.*

408 The Sacraments of Initiation

Anthropological dimensions of initiation. Initiation in the early Church. The breakdown in the unity of the initiation sacraments. Initiation today. *Credit: 3 semester hours.*

410 The Challenge of Liberation Theology for North America

Reflection on the liberating traditions of Christian faith in the light of the political-sociological world situation. (This course may be used for the specialization in Moral Theology.) *Credit: 3 semester hours.*

413 The Roots of Pluralism in Theology

A critique and evaluation of some of the major schools of thought and conceptual frameworks that lie at the root of the principal theological approaches in contemporary Catholic theology. *Credit: 3 semester hours.*

430 Women and the Christian Tradition

A reexamination of the role of women in the Christian biblical tradition: theologies of creation and redemption, priesthood and leadership; the Marian tradition; religious orders of women. *Credit: 3 semester hours.*

435 Creation—From Cosmology to Ecology

The doctrine of creation is explored in the context of its historical development (biblical roots/philosophical influences) and contemporary issues (science/theology; ecological crisis) as well as viewed through the work of contemporary theologians. *Credit: 3 semester hours.*

440 Christian Hope and the World's Future

A study of contemporary theological reflection on the ultimate destiny of humanity and of the world. The major symbols of Christian eschatology are reexamined in the light of critical biblical and historical studies. *Credit: 3 semester hours.*

531 Contemporary Spiritual Ministry (See Moral Theology)

Credit: 3 semester hours.

532 Christian Spirituality in Historical Perspective (See Moral Theology)

Credit: 3 semester hours.

Moral Theology

170 Theological Introduction to the Moral Life

Nature, sources and development of Christian moral theology: the meaning of Christ-centered morality; personalist structure (God calls— human beings respond); Christian freedom, love and the role of the law; natural law; situation ethics, conscience; sin, conversion and Christian virtue. *Credit: 3 semester hours.*

523 Catholic Social Teaching

Examines the cultural, political, religious and economic factors that have sharpened contemporary social awareness and aims to provide principles for the transformation of social structures and effective political action. *Credit: 3 semester hours.*

524 Life, Health and Christian Bioethics

Explores the principles of Christian ethics applied to bioethics. Includes: the right to health care, social justice and health, conscience, abortion, euthanasia, preservation of life, genetics, contraception, sterilization, use of drugs and human experimentation. *Credit: 3 semester hours.*

525 Love and Sexuality: A Christian Understanding

This course provides historical, psychological, social, political and economic perspectives on sexual issues such as marriage, celibacy, homosexuality and heterosexuality and seeks to formulate a socially aware, personally satisfactory sexual ethic that is in accordance with Gospel values and liberating dimensions recovered from the Christian tradition. *Credit: 3 semester hours.*

526 Specific Moral Problems in a Christian Context

Examines specific moral problems (homosexuality and same-sex union, reproductive technologies, abortion, end-of-life issues, war, etc.) to develop a sense of method in dealing with moral problems. *Credit: 3 semester hours.*

527 Business Ethics: A Christian Perspective

An examination of the moral dimensions of business activity in light of the principles of Christian Ethics; the moral analysis of specific cases drawn from the major areas of business. *Credit: 3 semester hours.*

529 Moral Person: Moral Society; Ethics: Social and Personal

This course addresses theoretical questions concerning the interrelationship between social and personal morality and also the major socio-moral issues of our time. Readings from black, feminist and other liberationist ethicists are included in the course. *Credit: 3 semester hours.*

532 Christian Spirituality in Historical Perspective

An introduction to the vocabulary and thought forms of Western mystical experience. Readings in selected texts of the classical spiritual writers from the New Testament to the present. *Credit: 3 semester hours.*

571 Canon Law Principles

The fundamentals of Church Law with particular attention to general norms and special issues in the 1983 Code of Canon Law. *Credit: 3 semester hours.*

599 McKeever Seminar in Moral Theology

The course will examine in depth an issue in the field of moral theology led by the professor holding the McKeever Chair in Moral Theology. *Credit: 3 semester hours.*

Interfaith Studies**110 Sacred Scriptures of the East**

An introduction to the Sacred Scriptures of the East through the reading of excerpts from major works which form the basis of Eastern theology and philosophy. *Credit: 3 semester hours.*

601 Introduction to Protestantism

A survey of the basic families of Protestantism. Special attention is given to their unity and diversity in the context of the historical development of Protestantism. *Credit: 3 semester hours.*

651 Buddhism and Christianity in Dialogue

The Buddhist religion, its origin in India, its doctrine and practice as revealed in Buddha's view of the Divine, Self and Salvation; Buddhist monastic order, its asceticism and missionary zeal; the two Buddhist schools. Discusses the dialogue between Buddhism and Christianity to show how both of these religions constantly strive for universal human spiritualization and world peace. *Credit: 3 semester hours.*

657 Religious Mysticism: East and West

Religious spirituality (mysticism) will be studied as a global phenomenon. Topics considered include: human spiritual connection with the Transcendent, mystic consciousness and experience, introverted and extroverted paths. *Credit: 3 semester hours.*

660 Dialogue Among Christians

The history and structures of the ecumenical dialogue between Christians, with particular attention to concepts of the unity of the Christian church which have been advanced by several of the Christian communions. *Credit: 3 semester hours.*

Pastoral Theology**Catechetical Ministry****702 Ministry of the Word in the Church: Re-thinking Catechesis**

An historical survey of catechetical theory and practice. The social situation of the Church, the theology used, and the resulting catechesis will be examined for their outcomes in the life of particular communities. *Credit: 3 semester hours.*

703 Ministry to Teens and Adults

A survey of current theory and practice of catechetical efforts to incorporate teens and adults. Emphasis will be on the developmental tasks of teens and adults and on practical questions of setting up programs to meet those needs. *Credit: 3 semester hours.*

704 Faith, Culture and the Worshiping Community

Examines catechetical questions in terms of the communal context. It examines the experience of the primitive Christian community to see that Christian faith is a response to a common unity forged through common understandings. *Credit: 3 semester hours.*

706 Coordinating Seminar

Students are required to take this concluding seminar which serves to summarize and correlate their studies in catechetical ministry. *Credit: 3 semester hours.*

708 The Church and the Dilemma of Popular Culture

This course takes up the challenge of the new controversy between faith and culture. *Credit: 3 semester hours.*

Pastoral Ministry**801 Critical Thinking and Practical Theology**

Lays groundwork for understanding the importance of critical thinking in theology in general, in pastoral ministry and in the way one pursues one's own theological education. Relevant literature will be explored along with its impact on theological reflection. *Credit: 3 semester hours.*

802 The Church as a Community of Ministers

Explores the biblical roots and historical evolution of structures of ministry, present theological tensions, issues and resources in specific areas of ministry, along with horizons for personal and professional growth in and through ministry. *Credit: 3 semester hours.*

803 Pastoral Ministry in Loss and Grief

Theoretical foundations for understanding the nature and universality of loss and grief. General principles of intervention and pastoral resources for healing and growth as found in community, ritual, faith and belief. *Credit: 3 semester hours.*

812 Psychosocial Development (EDU 6203)

(See course description, Counselor Education section.) *Credit: 3 semester hours.*

815 Counseling Theories and Techniques (EDU 6264)

(See course description, Counselor Education section.) *Credit: 3 semester hours.*

823 Liturgical Celebration: Theory and Practice

Discussion and practical exercises; the attitudes and style of a good celebrating community; the context, options and rites of the sacraments of initiation, Eucharist, reconciliation, matrimony, anointing of the sick and children's liturgies. *Credit: 3 semester hours.*

831 Theological and Pastoral Perspectives on Marriage and the Family: Vatican II and Beyond

Focuses on an in-depth exploration of Vatican II and post-Vatican II theological treatments of marriage and family life, and evaluates pastoral strategies for a variety of contemporary marriage and family issues. *Credit: 3 semester hours.*

Research Courses**900 Master's Research**

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the master's degree requirements. *Credit: 3 semester hours.*

901; 902; 903 Independent Research

Study pursued under the supervision of a faculty member. The area of research must be approved in advance by the Chair and in consultation with the supervising faculty member. *Credit: 3 semester hours.*

925 Maintaining Matriculation

Master's students who are not registered for other courses must register for 925 until all degree requirements are completed and the degree is granted. *No Credit. Fee: \$50 per semester.*

For a complete listing of approved courses, please contact the Deans's office.

Asian Studies

Jeffrey C. Kinkley, *Professor*, A.B., University of Chicago; M.A., Ph.D., Harvard University. 20th-Century Chinese Intellectual History and Literary History; History Through Literature.

Bernadette Li, *Professor and Director*, B.A., National Taiwan Normal University; M.A., University of Washington (Seattle); Ph.D., Columbia University. Political and Intellectual History of Modern China; Chinese Women's History and Literature; Asian American History and Literature.

William Nester, *Professor*, B.A., Miami University, Miami, Ohio; M.A., Ph.D., University of California at Santa Barbara. Japan's Political, Economical and Industrial Development; International Law and Foreign Policy.

Johnson Tseng, *Adjunct Assistant Professor*, B.A., M.B.A., National Chengchi University; M.A., Ph.D., SUNY at Buffalo. Taiwan, China and Japan's Economical Developments and Banking Systems.

Jianming Shen, *Adjunct Professor*, LL.B. Peking University, China; LL.M, SJD., University of Pennsylvania. International and business law.

Wen-shan Shih, *Adjunct Assistant Professor*, B.A. National Taiwan University; M.A. University of Minnesota; Ph.D. University of Toronto. Drama and Theatre Arts.

Winnie Tsai, *Adjunct Instructor*, B.A. Providence College, Taiwan; M.A. St. John's University; M.A. Adelphi University. Chinese calligraphy and painting.

Dave Wang, *Adjunct Assistant Professor*, B. A. Northeast Normal University, Changchun, China; M.A., Ph.D., University of Arizona. U.S.–China Relations.

Biological Sciences

Diana C. Bartelt, *Director*, Institute for Biotechnology, *Associate Professor*, A.B., Hunter College of CUNY; Ph.D., CUNY. Calmodulin-regulated protein kinases; Calcium-dependent cellular signal transduction.

Christopher Bazinet, *Assistant Chair and Associate Professor*, B.A., University of Wisconsin; Ph.D., Massachusetts Institute of Technology. Genetics of biological assemblies; role of clathrin in development of *Drosophila* *melanosaster*.

Frank R. Cantelmo, *Associate Professor*, B.S. Fairleigh Dickinson University; Ph.D., CUNY. Physiological ecology of estuarine invertebrates.

Timothy H. Carter, *Professor*, A.B., Harvard University; Ph.D., Princeton University. Regulation of mammalian gene expression and the role of nuclear protein kinases.

Anne M. Dranginis, *Associate Professor*, Clare Boothe Luce Professor of Biology; B.S., University of Massachusetts; Ph.D. University of Michigan. Regulation of gene transcription; Molecular control of development in yeast.

Dipak Haldar, *Director of Graduate Studies in Biological Sciences and Professor*, B.S., Midnapur College; M.Sc., D.Phil., Calcutta University; Ph.D., University of London. Cell Biology and biochemistry; Mitochondria: structure, synthetic processes and biogenesis.

Jaya Haldar, *Professor*, B.S., (Hon.) M.Sc., University of Calcutta; Ph.D., University of London. Neurobiology; Regulation of synthesis and release of spinal cord oxytocin.

Irvin N. Hirshfield, *Associate Professor*, B.S., University of Delaware; Ph.D., University of Pittsburgh. Molecular microbiology and microbial physiology and genetics; Regulation of gene expression in prokaryotes in response to environmental stress with special emphasis on acid stress responses; Microbial pathogenesis.

Yue J. Lin, *Associate Professor*, B.S., National Taiwan University; M.S., Ph.D., Ohio State University. Cytology and Cytogenetics; Spontaneous and induced abnormalities in chromosomes; Sister chromatid exchange.

Richard A. Lockshin, *Professor*, A.B., A.M., Ph.D., Harvard University. Developmental cell physiology, gerontology; Mechanisms of cell death and homeostatic down-regulation; Mechanisms of proteolysis.

Laura Schramm, *Assistant Professor*, B.S., M.S., St. John's University; Ph.D., SUNY Stony Brook. Regulation of the cell cycle.

Richard Stalter, *Professor*, M.S., University of Rhode Island; Ph.D., University of South Carolina. Ecology of coastal plant communities; Rare and endangered plants.

Louis Trombetta, *Professor*, B.S., M.S., Ph.D., Fordham University. Electron microscopy cytology, pathology and cytochemistry; The effects of drugs in metabolism and cell degeneration, particularly in the CNS.

Ales Vancura, *Professor*, M.S., Ph.D., Prague Institute of Chemical Technology. Cellular signal transduction by lipid and protein phosphorylation; phosphatidylinositol kinases; mechanisms of intracellular protein targeting and localization.

Ivana Vancurova, *Associate Professor*. M.S., The Prague Institute of Chemical Technology. Ph.D., Institute of Microbiology, Czech Academy of Sciences. Molecular mechanisms of inflammation.

Jay A. Zimmerman, *Chair and Associate Professor*, A.B., Franklin and Marshall College; Ph.D., Rutgers University. Physiology of aging; Myocardial responses to anoxia and ischemia during senescence; Age-related susceptibility to chemical carcinogens and activation of oncogenes; nutritional control of aging.

Chemistry

Ernest Birnbaum, *Professor Emeritus*, B.A., University of California, M.S., University of Southern California, Ph.D., Pennsylvania State University.

James Brady, *Professor Emeritus*, B.S., Hofstra University, Ph.D., Pennsylvania State University.

David P. Brown, *Associate Professor*, B.S., University of the West Indies; M.Phil., CUNY. Synthetic Organic Chemistry; The design and synthesis of Topoisomerase II inhibitors; The convergent synthesis of Anthracycline Analogs as Antibiotic Antineoplastic Agents.

Victor Cesare, *Chairman, Associate Professor*, B.S., SUNY at Albany; M.S., St. John's University; Ph.D., St. John's University. Synthesis, stereochemistry, reactivity and medicinal applications of α -lactams.

Gina M. Florio, *Assistant Professor*, A.B. Vassar College, Ph.D. Purdue University. Structural, chemical, and electronic properties of surfaces and monolayer films; scanning probe microscopy.

Steven M. Graham, *Associate Professor*, B.S., M.S., Ph.D., SUNY at Stony Brook. Bioorganic Chemistry; Synthesis and characterization of nucleoside and nucleotide-based calcium release agents and novel nucleosides.

Claude Greco, *Professor Emeritus*, B.S., Manhattan College, M.S., New Mexico Highlands University, Ph.D., Fordham University.

Eugene M. Holleran, *Professor Emeritus*, B.S., University of Scranton; Ph.D., Catholic University of America. Equations of state and equilibrium properties of substances.

Alison G. Hyslop, *Associate Professor*, B.A., Macalester College; Ph.D., University of Pennsylvania. Bioinorganic Chemistry; Synthesis, functionalization and photophysical studies of porphyrin arrays as photosynthetic mimics.

Neil D. Jespersen, *Professor*, B.S., Washington and Lee University; Ph.D., The Pennsylvania State University. Bioanalytical and environmental analysis techniques and instrumentation.

Eugene J. Kupchik, *Professor Emeritus*, Diploma in Chemistry, B.S., Rutgers University, Ph.D. Rutgers University. Organic Chemistry.

István Lengyel, *Professor Emeritus*, B.A., Lóránd Eötvös University of Science, Ph.D., Massachusetts Institute of Technology.

Elise G. Megehee, *Associate Professor*, (Clare Booth Luce Professor), B.S., University of Rochester; M.S. University of North Carolina at Chapel Hill; Ph.D., University of North Carolina at Chapel Hill. Synthesis and characterization of new luminescent transition metal complexes. NMR, UV/Vis absorption and emission spectroscopy and electrochemistry.

William Pasfield, *Professor Emeritus*, B.S., Massachusetts Institute of Technology, Ph.D., University of Connecticut.

Richard J. Rosso, *Assistant Professor*, B.S., SUNY at Albany; Ph.D., SUNY at Buffalo. Development of novel catalysts for organic transformation, industrial scale reactions and biological use; Development of environmentally sound catalysts as alternatives for industrial scale reactions.

Joseph Serafin, *Professor*, B.S., Gannon University; M.A., M. Phil., Ph.D., Columbia University. Interfacial energetics and structure for aqueous solvation of surfaces, electrodes and biomolecules.

Ralph Stephani, *Professor* (joint appointment with College of Pharmacy), B.S., Ph.D. Organic synthesis and design of new drugs; Enzyme inhibition and chiral separations.

Siao F. Sun, *Professor Emeritus*, LL.B., National Chengchi University, China; M.S., University of Utah; M.S., Loyola University; Ph.D., University of Chicago; Ph.D., University of Illinois. Physical Chemistry of macromolecules; theoretical chemical kinetics; solution kinetics.

Anthony Testa, *Professor Emeritus*, B.S., CUNY, Ph.D., Columbia University.

Enju Wang, *Professor*, B.S., Shangdong Normal University, P.R. China; M.Sc., Nanking Soil Institute, Academia Sinica; Ph.D., ETH Zurich. Design and characterization of novel electrochemical and optical sensors; New analytical methods for applications in biological and environmental systems.

English

Dohra Ahmad, *Assistant Professor*, B.A., Yale University; M.A., M.Phil., Ph.D., Columbia University. Postcolonial literature; 19th- and 20th-century American and African-American literature; South Asian literature in English; utopian fiction.

Angela Belli, *Professor*, B.A., Brooklyn College; M.A., University of Connecticut; Ph.D., New York University. Modern and contemporary drama; literature and medicine; disability studies.

Lee Ann Brown, *Assistant Professor*, M.A., M.F.A., Brown University. Poetry in traditional and avant-garde forms; poetics; songs and ballads; feminist theory; southern literature; editing and publishing small press publications.

Gabriel Brownstein, *Assistant Professor*, B.A., Oberlin College, M.F.A., Columbia University. Writing novels and short stories.

Harry Denny, *Assistant Professor*, B.A., University of Iowa, M.A., University of Colorado, Ph.D. Temple University. Composition Studies and Writing Centers, particularly as sites for studying literacy practices, community-building, access to higher education, and cross-cultural/disciplinary dialog.

Robert Fanuzzi, *Associate Professor*, B.A., College of William and Mary; Ph.D., Northwestern University. Early 18th- and 19th-century American literature; New England abolition movement; 19th-century African American literature; antebellum black public culture; trans-Atlantic antislavery movement.

Granville Ganter, *Associate Professor*, B.A., Boston University; M.A., Ph.D., Columbia University. 18th- and 19th-century U.S. literature; African American literature; Native American literature.

Margaret Kim, *Assistant Professor*, B.A., University of Wisconsin-Madison; Ph.D., Harvard University. Medieval literature and culture; medieval and early modern travel writings; Piers Plowman; poverty, consumption and hunger; the nation-state; political and intellectual history.

Amy King, *Assistant Professor*, B.A. Bates College; Ph.D., Harvard University. Nineteenth-century British literature and culture; 18th- and 19th-century history of science; history and theory of the novel; realism; narrative and the natural world.

Brian Lockey, *Assistant Professor*, B.A., Swarthmore College, M.A., University of Sussex, Ph.D., Rutgers University. Poetry, prose, and drama of the sixteenth and seventeenth centuries, Shakespeare; Epic and romance; Transatlantic English literatures.

John Lowney, *Associate Professor*, B.A., M.A., University of Massachusetts; Ph.D., Brown University. American poetry; modernism; 20th-century African American literature.

Kathleen Lubey, *Assistant Professor*, B.A., Ithaca College, M.A., SUNY Buffalo, Ph.D., Rutgers University. Her teaching and research focus on eighteenth-century British literature, with special emphasis on the history of sexuality, the novel and aesthetics.

Gregory Maertz, *Professor*, B.A., Northwestern University; A.M., Ph.D., Harvard University. The legacy of Romanticism in literature, art and cultural politics; the 19th-century novel; the afterlife of Nazi culture; modernism and the Fascist aesthetic; Kitsch and camp; art and propaganda; canons and collections.

Steve Mentz, *Assistant Professor*, A.B., Princeton University; M.Phil., M.A., Ph.D., Yale University. Early modern drama, fiction and poetry; the development of popular narrative; the elite/popular divide; the history of the book; the relationship between print culture, theater and manuscript publication.

Stephen Paul Miller, *Associate Professor*, B.S., M.A., CUNY; Ph.D., New York University. Creative criticism in poetic and academic form; experimental poetry and drama; modern and contemporary art.

Melissa Mowry, *Associate Professor*, B.A., Boston University; M.A., Ph.D., University of Delaware. 17th- and 18-century British literature; political satire; restoration republicanism and mercantilism; class and gender studies; early modern popular culture.

Lisa Outar, *Assistant Professor*, B.A., Princeton University, M.A., University of Chicago, Ph.D., University of Chicago. Postcolonial Literature and Theory; her specialization is Anglophone and Francophone Caribbean literature.

Derek Owens, *Associate Professor*, B.A., SUNY Geneseo; M.A., D.A., University at Albany. Composition theory and the teaching of writing; place-based pedagogy; visual media; experimental writing; ecological literacy.

Stephen Sicari, *Chair and Professor*, B.A., Manhattan College; M.A., Ph.D., Cornell University. Modernism and modernity; history of the novel; allegory and epic; literary theory.

Jennifer Travis, *Associate Professor*, B.A., Vassar College; M.A., Ph.D., Brandeis University. American literature and culture; women's literature; gender studies.

Government and Politics

William Byrne, *Assistant Professor*, B.A., University of Pennsylvania; M.A., Ph.D., The Catholic University of America.

Raymond L. Carol, *Professor Emeritus*, B.A., John Hopkins University; M.A., Ph.D., Syracuse University. Constitutional and Administrative Law; French Politics.

Vincent Chen, *Professor Emeritus*, LL.B., Chung Cheng University, Nanchang, China; M.A., University of Chicago; Ph.D., Yale University. International Law and Diplomacy.

William Gangi, *Professor*, B.A., M.A., St. John's University; Ph.D., University of Notre Dame. Personnel Management Administration; Public Constitutional Law.

Diane Heith, *Associate Professor*, B.A., Cornell University; A.M., Brown University; Ph.D., Brown University. American Politics; The Presidency; Public Opinion.

Barbara Koziak, *Associate Professor*, B.A., University of Texas at Austin; M.A., Ph.D., Yale University. Political Theory; Feminist Theory; American Politics.

Azzedine Layachi, *Associate Professor*, B.A., Algiers University; M.A., Ph.D., New York University. International Law; Nationalism.

Frank Paul LeVeness, *Professor*, B.S., M.A., Ph.D., St. John's University. Latin American and Caribbean Politics and Integration; Comparative Systems; Minority Politics; Methodology; Development Politics; Political Economy.

William R. Nester, *Professor*, B.A., Miami University, Miami, Ohio; M.A., Ph.D., University of California at Santa Barbara. International Law and Relations; Foreign Policy.

Robert F. Pecorella, *Associate Professor*, B.A., St. John's University; M.A., Brooklyn College of the CUNY; Ph.D., Pennsylvania State University. Public Administration; Urban Politics; Public Policy; Research Methods and Quantitative Analysis.

Luba Racanska, *Associate Professor*, B.A., Yale University; M.A., Ph.D., University of North Carolina at Chapel Hill. Russian Foreign and Domestic Politics; East European Politics and Non-Governmental Institutions; Western European Integration; Ethics in Government.

Uma Tripathi, *Associate Professor*, B.A., M.A., University of Bombay; Ph.D., University of Notre Dame. International Relations and Environmental Politics.

History

Dolores L. Augustine, *Associate Professor of History*, B.S.F.S., Georgetown University; M.A., Ph.D., Free University of Berlin. Contemporary History, European Social and Cultural History.

Mauricio Borrero, *Associate Professor of History*, B.A., Georgetown University; M.A., Ph.D., Indiana University. Russian History; Sport and Popular Culture.

Raymond F. Bulman, *Professor of Theology*, B.A., Kilroe Seminary, Honesdale, PA; S.T.B., Pontifical Gregorian University; Ph.D., Columbia University. Theology of Culture; Religious Belief Systems and Cultural Change.

Joseph J. Califano, *Professor of Philosophy*, B.A., Fordham University; M.A., University of Toronto; Ph.D., St. John's University. Ethical Values and the Process of Modernization; Ethics of Energy Choices; Bio-Medical Ethics.

Elaine Carey, *Associate Professor of History*, B.A., M.A., Florida State University; Ph.D., University of New Mexico; Ph.D. Latin American History, Gender History.

Frank J. Coppa, *Professor of History*, B.A., Brooklyn College; M.A., Ph.D., Catholic University of America. Papal, Church and Italian History; Modern European and Diplomatic History.

William D. Griffin, *Professor of History*, B.A., M.A., Ph.D., Fordham University. Irish History; Spanish and Portuguese History; Terrorism; Imperialism; Military History.

Jeffrey C. Kinkley, *Professor of History*, A.B., University of Chicago; M.A., Ph.D., Harvard University. History of Modern China; History of Modern East Asian Culture.

Francis A. Lees, *Professor of Economics*, Ph.D. Economics; Geography.

William Nester, *Associate Professor of Government and Politics*, B.A., Miami University, Miami, Ohio; M.A., Ph.D., University of California at Santa Barbara. Japan's Political, Economic and Industrial Development; International Law and Foreign Policy.

Frank A. Ninkovich, *Professor of History*, B.A., M.A., Roosevelt University; Ph.D., University of Chicago. History of U.S. Foreign Relations.

Susie J. Pak, *Assistant Professor of History*, B.A., Dartmouth College; M.A., Ph.D., Cornell University. 20th century United States, Race and Gender.

Douglas B. Rasmussen, *Professor of Philosophy*, B.A., University of Iowa; Ph.D., Marquette University. Social and Political Philosophy.

Ino Rossi, *Professor of Sociology and Anthropology*, B.A., Gregorian University, Rome; M.A., University of Chicago; Ph.D., New School for Social Research. Culture and Education; Culture and Social Stratification in Italy; Technology Innovation.

Nerina Rustomji, *Assistant Professor of History*, B.A., University of Texas; M.A., M.Phil., Ph.D., Columbia University. Middle East.

Konrad Tuchscherer, *Associate Professor of History*, B.A., University of Wisconsin; Ph.D., University of London. African History.

Lara Vapnek, *Assistant Professor of History*, B.A., Barnard College; M.A., M. Phil., Ph.D., Columbia University. 19th-century United States, Labor History, Women's History

Languages and Literatures

Alina L. Camacho-Gingerich, *Professor*, B.A., M.A., SUNY at Buffalo; Ph.D., University of Pittsburgh. Latin American Literature and Civilization.

Marie-Lise Gazarian, *Professor*, B.A., Adelphi College; M.A., Ph.D., Columbia University. Latin American Literature and Civilization; Contemporary Spain.

Carmen F. Klohe, *Associate Professor*, B.A., Montclair State University; M.A., Queens College CUNY; M.Phil., Ph.D., Graduate Center CUNY. 18th-, 19th- and 20th-century Spain.

Zoi Petropoulou, *Associate Professor*, B.A., University of Athens; M.A., Ph.D., Sorbonne, Paris. French Language and Literature.

Nicolás J. Toscano, *Associate Professor*, Bachiller, Universidad de Granada; Lic, en Derecho, Universidad de Madrid; Ph.D, University of Massachusetts. Medieval and Golden Age Spanish Literature.

Library and Information Science

Nancy J. Becker, *Associate Professor*, B.A., Seton Hall University; M.S., Ed.D., Columbia University. Information Access, Information Literacy; Web Usability, Service Learning.

James Benson, *Associate Professor*, B.A., University of Kansas; M.L.S., Ph.D., Rutgers University. Reference and Information Science.

Stacy L. Creel, *Instructor*, B.A., University of Mississippi; M.S.L.I.S., Florida State University; A.B.D., University of North Texas. Children's Literature and Services; Young Adult Literature & Services; Information Seeking Behavior among Youth; Human-Computer Interaction; Public Library Administration.

Jeffery E. Olson, *Director and Associate Professor*, B.A., University of Utah; J.D., University of Utah, College of Law; Ph.D., Stanford University. Economics, Law, Management and Leadership in Education and Library and Information Science; Distance Learning.

Kevin S. Rioux, *Assistant Professor*, B.A., Louisiana State University; M.A., M.L.I.S., Ph.D., University of Texas. Information Sharing Behaviors; Services to Special Populations; Social Activism in Librarianship; Qualitative Research Methods in Information Behavior Research; Social Informatics.

James Vorbach, *Associate Professor*, B.S., SUNY, Stony Brook; M.S., Ph.D., University of Rhode Island; Information Technology

Bella Hass Weinberg, *Professor*, B.A., City College of New York; M.S., D.L.S., Columbia University. Information Organization; History of Indexing and Abstracting; Language and Information; Medical Librarianship; Religious Information Sources.

Mathematics and Computer Science

Theresa J. Barz, *Associate Professor*, B.S., M.A. St. John's University; M.S., New York Institute of Technology; Ed.D. Columbia University; Statistics, Computer Science.

Edward Beckenstein, *Professor*, B.S.E.E., M.S.E.E., Ph.D., Brooklyn Polytechnic Institute; Functional Analysis.

Arnold Dikansky *Associate Professor*, B.A., M.A., The Azerbaijan State University; Ph.D., Academy of Sciences; Differential Equations.

Daniel M. Gallo, *Professor*, B.A., CUNY, Queens College; M.A., Pennsylvania State University; Ph.D., SUNY Stony Brook; Riemann Surfaces.

Leon E. Gerber, *Associate Professor*, B.S., CUNY, Brooklyn College; M.A., Ph.D., Yeshiva University; Geometry.

Alexander A. Katz, *Assistant Professor*, B.S., M.S., Tashkent State University, Ph.D., Univ. of South Africa; Operator Algebras.

Maurice M. Machover, *Associate Professor*, B.S., CUNY, Brooklyn College; M.S., Columbia University; Ph.D., New York University Applied Mathematics; Green's Function.

Luke F. Mannion, *Associate Professor*, B.Sc., M.Sc., University College, Galway, Ireland; Ph.D., Brown University; Differential Equations; Applied Mechanics.

Calvin H. Mittman, *Associate Professor*, B.S., Rensselaer Polytechnic Institute; M.A., Princeton University; Number Theory.

Mikhail Ostrovskii, *Associate Professor*, M. Sc. Kharkov State University; Ph.D., Habilitation Degree in Math., The Supreme Attestation Board of U.S.S.R.; Functional Analysis.

Rehana Patel, *Assistant Professor*, B.A., M.A., Cambridge University, M.S., University of South Carolina; Ph.D., Wesleyan University; Model Theory.

David B. Patterson, *Associate Professor*, A.B., Grinnell College; M.A., Ph.D., Columbia University; Computer Science.

David Rosenthal, *Assistant Professor*, B.S., M.A., Ph.D., SUNY, Binghamton University; Algebraic K-Theory.

Robert O. Stanton, *Associate Professor*, B.S., St. John's University; M.S., Tulane University; Ph.D., New Mexico State University; Abelian Group Theory.

Charles R. Traina, *Associate Professor*, B.S., St. Francis College; M.A., St. John's University; Ph.D., Polytechnic Institute of New York; Topological Measure Theory, Combinatorial Group Theory.

Vladimir Tulovsky, *Associate Professor*, M.S., Ph.D., Moscow University; Applied Mathematics.

William B. Watson, *Associate Professor*, A.B., Rutgers University; M.S., Ph.D., University of Oregon; Differential Geometry.

Psychology

Andrea J Bergman, *Associate Professor*, B.A., Cornell University; M.A., Ph.D., Emory University. Phenomenology of personality disorders; Developmental psychopathology; Comorbidity of ADHD and substance use in adolescents and young adults.

Elizabeth Brondolo, *Professor*, B.S., SUNY at Purchase; M.S., Ph.D., Rutgers University. Symptom reporting and help seeking; Psychological factors in cardiovascular disease; Minority mental health.

Leonard Brosgole, *Professor*, Coordinator, General-Experimental, *Professor*, B.B.A., City College of New York; M.A., New School for Social Research; Ph.D., Yeshiva University. Perception of motion; Visual illusions; mental imagery; Mood recognition.

Elissa Brown, *Associate Professor*, B.A. University of Pennsylvania, M.A., Ph.D. State University of New York at Albany. Assessment and treatment of children exposed to trauma and physical and sexual abuse.

Anthony F. Catalano, *Associate Professor*, B.A., Manhattan College; M.A., Ph.D., Fordham University. Errorless learning; Personality.

William F. Chaplin, *Associate Professor*, A.B. Stanford University, Ph.D. University of Oregon. Personality, psychometrics, data analysis.

James F. Curley, *Associate Professor*, B.A., Holy Trinity Seminary, Winchester, Virginia; M.S., Ph.D., St. John's University. Empirically supported treatments and Evidence based interventions.

Raymond A. DiGiuseppe, *Chair, Professor*, B.A., Villanova University; M.A., SUNY, College at Brockport; Ph.D., Hofstra University. Clinical anger problems, therapeutic alliance in adolescents; rational-emotive behavioral therapies.

Phillip Drucker, *Associate Professor*, Research Coordinator, Center for Psychological Services, Ph.D. Brooklyn College; CUNY. Assessment of client-therapist interaction and treatment outcome; emotional and cognitive aspects of children of substance abusers.

Jeffrey W. Fagen, *Dean of Liberal Arts and Sciences, Professor*, B.A., City College of New York; M.S., Ph.D., Rutgers University. Infancy; learning and memory; developmental psychobiology.

Jefferson Fish, *Professor*, B.A., City College of New York; Diploma in Medical Psychology, Langley Porter Neuropsychiatric Institute, University of California; M.S., Ph.D., Columbia University; Post-doctoral Diploma, SUNY at Stony Brook. Cross-cultural psychology, the concept of "race," drug policy, therapy as a social influence process.

Dawn P. Flanagan, *Professor*, University of Massachusetts at Amherst; M.A., Ph.D., The Ohio State University. School psychology; theoretically-based approaches to measuring intelligence; preschool screening and assessment.

Carolyn Greco-Vigorito, *Associate Professor*, B.S., Brooklyn College-CUNY; M.A., Ph.D., University of Massachusetts-Amherst.

Developmental psychology; emotional, behavioral and familial characteristics of young children of alcoholics and substance abusers; false memory in college students.

Beverly Greene, *Professor*, B.A., New York University; M.A., Ph.D., Adelphi University. Gender, ethnocultural, sexual orientation and multiple identity issues in human development and psychotherapy, psychologies of African American women, psychology and social justice, feminist theory and feminist psychodynamic psychotherapies.

Ernest V. E. Hodges, *Associate Professor*, B.S., Florida State University; M.A., Ph.D., Florida Atlantic University. Social and personality development; family-peer relationships; aggression/victimization; academic achievement; self-concept; risk for weapon carrying.

John D. Hogan, *Professor*, B.S., St. John's University; M.S., Iowa State University; Ph.D., Ohio State University. History and systems; lifespan development; contemporary trends in domestic and international psychology.

Rafael Art. Javier, *Professor*, B.A., Herbert H. Lehman College; M.A., Ph.D., New York University. Psycholinguistics; bilingualism; psychotherapy; minority mental health.

Wilson H. McDermutt, *Assistant Professor*, B.A., Wesleyan University; Ph.D., American University. The diagnosis and treatment of depression and anxiety disorders; behavior therapy.

Rev. John B. Murray, C.M., *Research Professor*, B.A., St. Joseph's College, Princeton, N.J.; M.A., Niagara University; Ph.D., Fordham University. Drug addiction; psychosomatics and development.

Jeffrey S. Nevid, *Director of Clinical Psychology Program, Professor*, B.A., SUNY at Binghamton, Ph.D., SUNY at Albany. Research methodology; behavior therapy; health psychology; teaching of psychology.

Samuel O. Ortiz, *Associate Professor*, B.S., B.A., M.A., Ph.D., University of Southern California. School psychology; multicultural evaluation and nondiscriminatory assessment.

Shane Owens, *Assistant Professor*, B.A., Drew University, M.S., Ph.D., Hofstra University. School Psychology. Crisis management, anger expression, Implementation of behavior plans.

Richard J. Ozehosky, *Associate Professor*, B.A., Niagara University; M.S. in Ed., Ph.D., St. John's University. Measurement of self-concept and its relation to other variables; eating disorders; personality testing; psychotherapy.

Frank Patalano, *Associate Professor*, B.A., M.S., City College of New York; Ph.D., Fordham University; Post-doctoral Certificate in Psychotherapy and Psychoanalysis, Postgraduate Center for Mental Health. Psychoanalytic theory and therapy; clinical child psychology; personality assessment; supervision of psychotherapy.

Alice W. Pope, *Associate Professor*, B.A., Ph.D. Pennsylvania State University. Developmental psychology, peer relations and self-perceptions of children and adolescents.

Alice Schade Powers, *Professor*, A.B., Ph.D., Bryn Mawr College. Evolution of the brain; physiological basis of learning and memory; brain mechanisms of startle and blink; habit genetics of taste.

Miguel Roig, *Associate Professor*, B.A., Jersey City State College, M.A., St. John's University; Ph.D. Rutgers-Newark. Academic dishonesty; responsible conduct of research; cognitive-neuropsychological parameters of cognitive styles of thinking; paranormal and parapsychological issues.

Rex Stanford, *Professor*, B.A., Ph.D., University of Texas, Austin. Social psychology; cognition; suggestibility; altered states; parapsychology.

Mark D. Terjesen, *Director School Psychology Program and Associate Professor*, B.A., Boston University; M.A., Ph.D., Hofstra University. School psychology, cognitive-behavioral therapy with children and adolescents, preschool assessment and intervention.

Robin L. Wellington, *Assistant Professor*, B.S., University of Maryland; M.S., University of Pittsburgh; Ph.D., University of Pittsburgh; Post-Doctoral Fellowship, University of Chicago. Neuroendocrine response to life stressors in clinical populations. Cognitive and emotional processing of stressful events; coping and subsequent neurophysiological responses.

Zheng Zhou, *Associate Professor*, B.A., Suzhou University; M.S., Tulane University; Ph.D., Columbia University. School psychology; cross-cultural comparisons on mathematical reasoning, basic relational concept acquisition and Chinese American children's school adjustment.

Sociology/Anthropology

George Ansalone, *Professor*, B.A., St. Francis College; M.A., Brooklyn College, CUNY; Ph.D., New York University. Education; Deviant Behavior/Social Disorganization; Criminology/Delinquency.

Frank Biafora, *Associate Dean and Associate Professor*, B.A., M.A., University of Florida; Ph.D., University of Miami. Deviance; Health and Illness; Juvenile Delinquency; Quantitative Research Methods.

Barrett Brenton, *Associate Professor*, B.A., University of Nebraska, Lincoln; M.A., Ph.D., University of Massachusetts, Amherst. Anthropology; Human Ecology; Medical Anthropology.

Roderick D. Bush, *Associate Professor*, B.S., Howard University; Ph.D., SUNY at Binghamton. Race and Ethnicity; Poverty and Social Structure; Social Stratification.

Judith N. DeSena, *Professor*, B.A., Brooklyn College; Ph.D., The Graduate School, CUNY. Sociology of Community; Sociology of Gender; Urban Sociology; Research Methods.

William DiFazio, *Professor*, B.A., Richmond College, CUNY; M.A., Ph.D., CUNY, Graduate Center. Sociology of Work; Technology and Science; Juvenile Delinquency; Social Theory; Poverty.

Dawn Esposito, *Chair, Associate Professor*, B.A., Queens College, CUNY; Ph.D., The Graduate Center, CUNY. Social Theory; Cultural Studies, Gender; Family.

Michael Indergaard, *Associate Professor*, B.A., St. John's University, Collegeville, MN; M.A., Ph.D., Michigan State University. Urban Sociology; Work and Labor Markets; Economy and Society.

Ino Rossi, *Professor*, B.A., Gregorian University, Rome; M.A., University of Chicago; Ph.D., New School for Social Research. Theory; Education and Culture; Organizations; Technological Innovation; Informal Economy.

Judith Ryder, *Assistant Professor*, B.A., Univ. of Michigan; M.A., University of California, Santa Barbara; Ph.D. John Jay College, CUNY. Criminology, Methods.

Robert H. Tillman, *Associate Professor*, B.A., M.A., University of Oklahoma; Ph.D., University of California, Davis. Criminology; Deviance; Methods.

Speech Communication Sciences and Theatre

Adele Agin, *Adjunct Instructor*, B.A., Queens College; MSW., Wurzweiler School of Social Work.

Susan Antonellis, *Clinical Supervisor* (Audiology) and *Adjunct Instructor*, B.A., St. John's University; M.S. St. John's University. Hearing Aids, Child Testing.

Fredericka Bell-Berti, *Professor*, B.S., The City College, CUNY; Ph.D., The Graduate School, CUNY. Experimental phonetics, especially speech motor control; relation between speech and reading; speech perception and production of bilingual speakers.

Lori Bianchi-Newman, *Adjunct Instructor*, B.A., St. Joseph's College; M.A., St. John's University.

Susan Broderick, *Clinical Supervisor* (Speech-Language Pathology) and *Adjunct Instructor*, B.A., St. John's University; R.N., Queensborough Community College; M.A., C.W. Post. Child language; multiply handicapped.

Melissa Carlino-Diaz, *Adjunct Instructor*, B.A., Queens College; M.A., St. John's University.

José G. Centeno, *Associate Professor*, B.A., Fordham University; M.A., University of Toronto; Ph.D., St. John's University. Bilingualism; language science and pathology in bilingual speakers; multicultural issues in speech-language pathology.

Nancy Colodny, *Associate Professor*, B.S., Emerson College; M.S., Ed.D., Teachers College, Columbia University. Dysphasia; adult neurogenetics; geriatrics.

Nancy Eng, *Associate Professor*, B.A., St. John's University; M.A., Queens College; Ph.D., The Graduate School, CUNY. Aphasia; bilingualism.

Donna Geffner, *Professor*, B.A., Brooklyn College; M.A., Ph.D., New York University. Central Auditory Processing; Attention Deficit Disorder; Language skills of the deaf and hearing impaired; Professional Issues.

Stephen Gonzenbach, *Adjunct Professor*, B.A., William Paterson State College; M.A., Montclair State University; M.Ed., Ed.D., Columbia University.

Benjamin Halberstam, *Associate Professor*, B.A., Queens College; M.S., Ph.D., City University of New York. Acoustic analysis of voice.

Tina Jupiter, *Associate Professor*, B.A., Brooklyn College; M.A., Hunter College; Ph.D., Columbia University. Electrophysiological assessment; pediatric audiologic evaluation

John Lutolf, *Assistant Professor*, B.A., M.A., Seton Hall; Ph.D., Columbia University. Acoustic immittance and amplification.

Joseph Montano, *Adjunct Professor*, B.A., Queens College; M.A., New York University; Ed.D., Columbia University.

Nancy McGarr, *Associate Professor*, B.A., M.A., Adelphi University; Ph.D., The Graduate School, CUNY. Speech and language skills and assessment of the deaf and hearing impaired; speech and hearing sciences; voice.

Gail M. Olenick, *Adjunct Assistant Professor*, B.A., Brooklyn College; M.S., Brooklyn College; M.S., Queensborough Community College/St. John's University.

Maureen Pasinkoff, *Clinical Supervisor* (Speech-Language Pathology) and *Adjunct Instructor*, B.A., California State University; M.A., Hofstra University. Child phonology; phonological awareness.

Thomas Rosati, *Adjunct Instructor*, B.S., St. John's University; M.S., Adelphi University.

Susan Waltzman, *Adjunct Professor*, B.A., Univ. of Wisconsin; M.A., Columbia University; Ph.D., City University of New York.

Arlene Wisan, *Clinical Coordinator* (Speech-Language Pathology), B.A., Speech-Language Pathology, Brooklyn College; M.A., Queens College. Speech-language disorders in children; fluency.

Theology and Religious Studies

Raymond F. Bulman, *Professor*, B.A., Kilroe Seminary, Honesdale, PA; S.T.B., Pontifical Gregorian University; Ph.D., Columbia University. Systematic Theology; Foundational Theology.

Francis D. Connolly-Weinert, *Associate Professor*, B.S., St. Joseph's University, Philadelphia; M.A., Maryknoll Seminary; Ph.D., Fordham University. NT Literature and Theology; Qumran Literature.

Christopher D. Denny, *Assistant Professor*, B.A. St. John's College (Annapolis, MD); M.A., Ph.D., The Catholic University of America; historical theology (medieval); religion and culture; theological aesthetics.

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. Moral Theology; Medical Ethics.

Loretta M. Devoy, O.P., *Associate Professor*, B.A., St. Francis College; M.S., St. John's University; M.A., Ph.D., Fordham University. History of Christianity (19th-20th Centuries); Spirituality.

David W. Haddorff, *Associate Professor*, B.A., University of Northern Colorado; M.A., Wheaton College Graduate School; Ph.D., Marquette University. Christian Ethics and Moral Theology, Social Ethics and American Theology and Religion.

Joann Heaney-Hunter, *Associate Professor*, B.A., M.A., St. John's University; M.S. Long Island University, Ph.D., Fordham University. M.S. Mental Health Counseling, Long Island University. Theology, Pastoral practice of Marriage and Family, Early Church.

Sally A. Kenel, *Associate Professor*, B.A., Seat of Wisdom College; M.S., Rensselaer Polytechnic Institute; M.A., Ph.D., Fordham University. Interface of Theology and Ecology, Systematic Theology.

Mark Kiley, *Associate Professor*, B.A., Boston College; M.T.S., Harvard Divinity School; Ph.D., Harvard University. Biblical Studies.

Pamela J. Kirk Rappaport, *Associate Professor*, B.A., Rosary College; M.A., Indiana University; Dipl. Theol., Dr. Theol., Ludwig-Maximilians University, Munich. Systematic Theology; Latin American Theology, Women in the Christian Tradition.

Colleen Mary Mallon, OP, *Assistant Professor*, B.A., California State University, Hayward; M.A., University of San Francisco; Ph.D., Graduate Theological Union, Berkeley. Systematic Theology; Ecclesiology; Contextual Theologies.

Marilyn A. Martone, *Associate Professor*, A.B., Immaculata College; M.A., St. John's University; Ph.D., Fordham University. Moral Theology; Medical Ethics; Feminist Ethics; Sexual Ethics.

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. Sacramental Theology; Liturgy; Christology.

Rev. Patrick Primeaux, S.M., *Associate Professor*, B.A., University of Louisiana at Lafayette; M.B.A., Southern Methodist University; M.A., Ph.D., University of St. Michael's College, University of Toronto. Values in Business.

Habibeh Rahim, *Associate Professor*, B.A., (Hons.), University of Toronto; M.T.S., Harvard Divinity School; M.A., Ph.D., Harvard University. Islamic and Interfaith Studies; Spirituality; Aesthetics.

Rev. Jean-Pierre Ruiz, *Associate Professor*, B.A., Cathedral College of the Immaculate Conception, Douglaston; S.T.B., S.T.L., S.T.D., Pontifical Gregorian University. Biblical Studies; Hermeneutics; Hispanic/Latino Theology.

Julia A. Upton, R.S.M., *University Provost, Professor*, B.A., Ohio Dominican College; M.A., St. John's University; Ph.D., Fordham University. Liturgy; Sacramental Theology.

Christopher P. Vogt, *Assistant Professor*, B.A., College of the Holy Cross; M.T.S., Harvard Divinity School; Ph.D., Boston College. Catholic Social Ethics, Fundamental Moral Theology

Michael Warren, *Professor*, B.A., M.A., Ph.D., The Catholic University of America. Catechetics Youth Ministry.

Rev. Michael D. Whalen, C.M., *Associate Professor*, B.A., Niagara University; M.Div., Th.M., Mary Immaculate Seminary; M.A., St. Charles Seminary; M.A., LaSalle University; S.T.L., S.T.D., The Catholic University of America. Liturgical and Sacramental Theology.

Rev. Walter R. Wifall, Jr., *Professor*, B.A., M.Div., M.S.T., Concordia Seminary; Ph.D., The John Hopkins University. OT Literature and Theology; Hebrew.

The School of Education

Jerrold Ross, Ph.D., D. Hum. (Hon.)
Dean

Barbara J. Nelson, Ed.D.
Associate Dean for Academic Affairs

Colleen T. Fogarty, O.P., Ph.D.
Associate Dean for Graduate Studies

Steven S. Kuntz, Ph.D.
Associate Dean (Staten Island)

Kelly K. Ronayne, M.A.
Assistant Dean

Charisse E. Willis, P.D.
Assistant Dean, Undergraduate Advisement

Michele I. Nowosad, Ph.D.
Director of Distance Learning

Susann Ragone, M.S.Ed.
Assistant Dean (Staten Island)

Lydia Haluska, M.A.
Assistant Dean

Paul Pedota, P.D.
Coordinator of NYC Teaching Fellows

Steven Rosenberg, P.D.
*Director of Field Experiences and
Coordinator of NYC Teaching Fellows*

Robert Brasco, Ed.D.
Director of Internships

Patrick J. Dunphy, B.S., M.B.A.
Director of Planning and Fiscal Affairs

Madeline Larsen
Coordinator of Professional Activities

Certification Officers

| | |
|-------------------|----------------------|
| Elaine Bruno | <i>Graduate</i> |
| Rosemary Colvin | <i>Undergraduate</i> |
| Paul Pedota | <i>Graduate</i> |
| Susan Ragone S.I. | <i>Graduate</i> |
| Steven Rosenberg | <i>Undergraduate</i> |

Objectives

The School of Education has three major goals consistent with the mission and distinctive purposes of the University: (1) to prepare graduates who are competent in the subject matter they plan to teach; (2) to provide the pedagogical knowledge, understanding, and skills necessary for competent, caring, and qualified professionals; and (3) to have acquired a basic professional knowledge of rights and responsibilities of teachers and the implications for productive relationships with other professional staff, students, parents, and community members.

The School of Education's objectives are:

1. To provide a vibrant learning environment for the intellectual, professional and moral development of students;
2. To provide programs for student and societal needs; and enable students to function effectively as professionals in a dynamic multicultural, multi-ethnic society;

3. To encourage students to develop a personal philosophy of education consistent with the University's mission;
4. To foster basic and applied research in education and human services involving students and faculty;
5. To serve as a resource center to the educational community by: providing leadership and supportive services for local, state and national associations; sponsoring professional meetings and seminars; and offering consultative services for schools and community agencies.

Organization and Administration

The School of Education consists of three departments. The Department of Administrative and Instructional Leadership offers programs in teacher education, curriculum and instruction and educational administration. The Department of Human Services and Counseling offers programs in bilingual/multicultural education, counseling, reading, and special education, and TESOL (Teaching English to Speakers of Other Languages).

The Department of Early Childhood, Childhood and Adolescent Education offers programs in teacher education covering all the developmental areas.

Affiliations

The School of Education is a member of the American Association of Colleges of Teacher Education (AACTE) and the University Council for Educational Administration (UCEA).

Student Responsibilities

In addition to the general policies of the University set forth in this bulletin, students are responsible for becoming knowledgeable about New York State Certification requirements and regulations, for adhering to the academic calendar and for meeting all of the requirements of their respective academic programs. In addition, each student must conform to the policies stated in the *Student Handbook* which may be obtained from the Dean's Office and the Division of Student Life.

Classification of Students

Matriculated Students

A matriculated student is one who has been accepted for and is actively engaged in a degree or diploma program at St. John's University's School of Education.

Maintaining Matriculation

Master's Degree and Professional Diploma

Continuous enrollment from date of matriculation until the degree is awarded is mandatory for students enrolled in degree programs.

Students not enrolled in course work must maintain their active status each semester by enrolling in MAINTAINING MATRICULATION at the scheduled registration period. Those who have not satisfied the continuous enrollment requirement for two or more semesters must: 1) apply for readmission; 2) be readmitted; 3) meet the program requirements in effect at that time; 4) pay appropriate maintaining matriculation fees for two semesters.

See program listings: Master's level (EDU 5925, 6925, 7925, or 9925) Professional Diploma (EDU 5935, 6935, 7935, or 9935).
Fee: \$50 per semester.

Doctoral Degree

Before sitting for the comprehensive examination, students not registered for course work must enroll in appropriate MAINTAINING MATRICULATION during the scheduled registration period.

See program listings: EDU 5940, EDU 7940. *Fee: \$50 per semester.*

After successful completion of the comprehensive examination, students must enroll in Doctoral Research, either EDU 5990 or EDU 7990, or an approved supervised research alternative until the degree is awarded. Students who have not satisfied the continuous enrollment requirement for two or more semesters must: 1) apply for readmission; 2) be readmitted; 3) *meet the program requirements in effect at that time*; and 4) pay the appropriate fees for two semesters. *Fee: \$50 per semester.*

Special Students

Only those students who meet all the school entrance requirements and who possess the necessary background are permitted to enroll in graduate courses. Special students must have the permission of the Divisional Chair and the Dean to register. Special students may only enroll for six credits of course work each semester for a maximum of 12 credits. If accepted for matriculation, the division determines which credits taken as a special student may apply toward the program. In any case, no more than 12 credits completed as a special student may be credited toward a degree program.

Our Campuses

Students have great flexibility to choose the campus where you will take your courses to complete your degree program. Students may wish to take a few courses online, the remaining at the Queens, Manhattan, Staten Island, or Oakdale center, or opt to complete an entire degree online (depending on the program of study).

Distance Learning/Online (DL)

Accredited by Middle States and the New York State Education Department, distance learning programs are equivalent with on-campus programs. Courses are taught by the same faculty who teach on-campus courses. Classes are small and actively engage students in asynchronous online collaboration with other students and communication with faculty members, so they are not isolated in their studies. They follow the same academic calendar as on-campus courses, and students have access to the vast electronic resources of the University library, academic and student services including student advising, counseling, and career services.

St. John's now makes it possible for students to earn their degrees without leaving their home or work. Several of our graduate degrees are available entirely online and designed for busy professionals balancing both work and family, and need the flexibility of non-campus based programs. Log-on to www.stjohns.edu/distancelearning for more details, or contact:

Kelly K. Ronayne
Assistant Dean
St. John's University
8000 Utopia Parkway
Queens, NY 11439
718-990-2304
graded@stjohns.edu

Queens (Q)

The park-like Queens campus is readily accessible by car, bus, subway, or air. Located between JFK and LaGuardia Airports, the campus is just off the Grand Central Parkway, which connects Nassau and Suffolk Counties to Queens, Manhattan, and upstate New York.

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graded@stjohns.edu

Staten Island (SI)

The wooded Staten Island campus is located in the residential Grymes Hill section, overlooking New York Bay. The campus is just off the Staten Island Expressway, and is easily accessible by car, bus, and ferry.

Steven Kuntz, Ph.D.
Associate Dean
St. John's University
300 Howard Avenue
Staten Island, NY 10301
(718) 390-4506
gradedstatenisland@stjohns.edu

Manhattan (M)

Located in New York City's Financial District, the Manhattan campus is easily accessible by mass transit. If you are traveling by car, the campus's location on the West Side Highway makes it easy to reach whether you are driving from upstate, the city's other boroughs, Long Island, New Jersey, or any of the area's major airports. The campus is located on Murray Street, between Greenwich Street and West Street.

Marissa Weinstein
Coordinator
St. John's University
101 Murray Street
New York, NY 10007
(212) 277-5122
gradedmanhattan@stjohns.edu

Oakdale (O)

Overlooking the Atlantic Ocean on Long Island's south shore, the Oakdale, NY, campus occupies 175-acres of broad lawns, tree-lined paths, and red-brick, Colonial-style buildings.

Dori Castellon
Assistant to the Director
St. John's University
500 Montauk Highway
Oakdale, NY 11769
(631) 218-7731
gradedoakdale@stjohns.edu

Programs of Study

The campus at which a particular program is offered is indicated as follows: Distance Learning (DL), Manhattan (M), Oakdale Center (O), Queens (Q) and Staten Island (SI).

Master's Degree Programs (M.S. in Ed.)

Adolescent Education (Q)

- Biology 7–12
- English 7–12
- Mathematics 7–12
- Social Studies 7–12
- Spanish 7–12

Childhood Education (1–6) (Q, SI)

Childhood and Childhood Special Education (Internship) (Q, SI)

Childhood Education and T.E.S.O.L. (Q)

Early Childhood Education (B–2) (Q)

Rehabilitation Counseling (Q, SI)

Teaching Children with Disabilities in Childhood

School Counselor (Q, SI)

School Counselor with Bilingual Extension (Q)

Teaching English to Speakers of Other

Languages (T.E.S.O.L.) (Q)

Teaching Literacy B–6* (Q, SI)

Teaching Literacy 5–12* (Q, SI)

School Building Leadership (DL, M, Q, SI)

Master's Degree Program (M.S. in Teaching Children with Disabilities in Childhood Special Education).

We anticipate that a 33-credit special education program (childhood) will be offered online through distance learning in the near future.

For additional information contact Tina Puglisi at (718) 990-1563.

Extension Programs

Bilingual Education (Q)

Professional Diploma Programs (P.D.)

Instructional Leadership (Q)

Rehabilitation Counseling (Q)

School District Leadership (DL, M, Q, SI)

School Counselor (Q)

School Counselor with Bilingual Extension (Q)

Doctoral Degree Programs (Ed.D.)

Educational Administration and Supervision (Q, SI, O)

Instructional Leadership (Q)

Area of Interest:

Curriculum and Instruction

Learning Styles

Reading/Literacy

Technology

**To be considered for this program, you must possess one of the following:*

- 1) Bachelor's degree in education with appropriate certification or license
- 2) Two or more years full-time teaching experience

Academic Information

Admission Requirements

Applicants seeking admission to graduate degree programs should consult specific program descriptions for admission requirements.

Applications for admission for the Queens campus and for courses at Oakdale may be obtained from the Office of Graduate Admissions for The School of Education. All students who are interested in obtaining an application for the Staten Island campus should contact The School of Education.

Completed doctoral applications, together with supporting credentials, must be filed by April 15 for the subsequent year.

General Program Requirements

Students enrolled in classes which carry three semester credits but which meet only two hours per week are required to submit a research paper or some equivalent research project before credit may be given.

Requirements for the Master's Degree

1. Minimum of 33 to 36 semester hours in appropriate graduate course work as noted in each program description. This course work is planned under the direction of an assigned advisor. Completion of a minimum of 27 of 33 program credits or 30 of 36 program credits at St. John's University.
2. A minimum of a "B" (3.0) average in all course work.
3. Fulfillment of the residence requirement for which the student must complete 18 credits in a two-year period.
4. Continuous enrollment and completion of all requirements within a five-year period.
5. For information on advanced and/or transfer credit, please consult the "Academic Information" section.

Requirements for the Professional Diploma

1. A minimum of 30 to 33 credits beyond an appropriate master's degree. This course work is planned under the direction of an assigned advisor.
2. A minimum of a "B" (3.0) average in all course work.
3. Completion of a minimum of 24 program degree credits at St. John's University and fulfillment of the residence requirement for which the student must complete 18 credits in a two-year period.
4. Continuous enrollment and completion of all requirements within a five-year period.
5. For information on advanced and/or transfer credit, please consult the "Academic Information" section.

Requirements for the Doctoral Degree

Programs of study for this degree require coursework distributed among areas of specialization related fields and research. The programs include a period of internship and/or supervised professional practice, as well as the successful completion of a comprehensive examination. The degree requirements also include the preparation and submission of an acceptable professional problem-oriented doctoral dissertation and its oral defense.

1. A minimum of 90 semester hours beyond the baccalaureate degree in approved graduate course work planned under the direction of an assigned advisor. Fulfillment of a full-time residency requirement as specified in the Academic Regulations of the University and the completion of a minimum of 45 degree credits at St. John's University.
2. A minimum of a "B" (3.0) average in every course.
3. Successful completion of a comprehensive written examination is required for all doctoral candidates. This examination covers intensively both the field of specialization and the general fields with which a doctoral candidate should be familiar. The student must make written application to take the comprehensive examination. Normally, this examination may not be taken earlier than the last semester of course work and must be taken within one year of the completion of all course work. Successful completion of this examination is a prerequisite for the submission of a topic for a doctoral dissertation. The division will review the student's application and records prior to the examination to determine eligibility to take the examination. In case of failure, one re-examination may be permitted upon the recommendation of the Division Chair and approval of the Dean.
4. Passage of Candidacy: A doctoral student acquires the status of "candidate" after he/she has successfully completed all course work, has taken and passed the doctoral comprehensive examination and has received approval of a dissertation proposal by the Faculty Committee and the Dean.
5. Continuous enrollment and completion of all requirements within eight years. All degree requirements must also be completed no later than three years after the successful completion of the comprehensive examination.
6. Enrollment in Doctoral Research is mandatory until the degree is awarded. Students who have passed the doctoral comprehensive examination and completed all course work requirements must register for Doctoral Research (EDU 5990 or 7990) for three credits for each semester until graduation.
7. An approved dissertation presenting evidence of a substantial contribution to existing knowledge as a result of personal research and its oral defense.

The doctoral courses and doctoral degree in the Department of Administrative and Instructional Leadership require matriculation for participation. NO ONE will be allowed to take any doctoral course work as a non-matriculated student.

Each student selects a faculty mentor who serves as the student's advisor throughout the dissertation process. The student and his/her mentor will request the appointment of a dissertation research committee. This committee, composed of the mentor and a minimum of two committee members, will have primary responsibility for guiding the student in the preparation of his/her dissertation.

The Summer Intensive is run as a student prep retreat and will be held on campus. This course will involve a review of all of the state objectives in preparation for the state comprehensive exams. Several professors will be involved in preparing the course and will be taught in a team teaching setting. On occasion, outstanding speakers will be invited to lecture. Throughout this course, there will be opportunities presented to students to experience the wealth of cultural institutions and performances that New York has to offer, and will learn how to utilize these resources to benefit their schools and district. There will be many readings assigned to reinforce the state objectives as well as help in reviewing what each student has learned in the past semesters.

PLEASE NOTE: Due to changing requirements for New York State Teacher Certification and anticipated changes in program and course requirements, students must maintain consistent contact with their academic advisors.

Advisement and Statement of Degree Requirements

When an applicant has been accepted into a degree or diploma program, he/she is assigned an advisor. The student's letter of acceptance will specify the advisor's name. As soon as possible after receiving the letter of acceptance but no later than the end of the first semester of course work, the student must meet with his/her advisor and secure an approved program of study which meets the needs and interests of the student and satisfies the degree or diploma requirements of The School of Education.

Academic Standing

A student is in good academic standing if he or she is 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. Nonprobationary: All students who maintain at least a 3.0 cumulative quality point index.

B. Probationary: All students whose cumulative quality point index is below 3.0, but who in the judgment of the Dean are con-

sidered to be making acceptable progress toward a 3.0 cumulative quality point index and are permitted to continue on a matriculated basis.

Attendance Policy

Regular and prompt attendance is expected of all students.

There will be no penalty for absence from class considered in itself. However, absence from class does not excuse a student from work missed. Students are, therefore, responsible for all announced tests and for submitting all assignments at the proper times. Ignorance of such tests and assignments is no excuse for failure to satisfy requirements at specified due dates.

Individual faculty members have discretionary power to determine whether a student who missed an announced test is to be given a makeup examination. This is not to include final examination.

Incomplete "IN" Grades

Students receiving an "IN" grade must adhere to the following deadline dates for removal of same:

- a) To remove "IN" grades received during a fall semester, the student must submit all required materials on or before April 1 of the following semester.
- b) To remove "IN" grades received during a spring semester or summer session, the student must submit all required materials on or before December 1 of the following semester.
- c) Students carrying "IN" grades in required courses who plan to graduate at the fall commencement must submit all required materials on or before August 14.

Full-Time Study

Full-time study shall mean enrollment for at least 12 credits (or the equivalent) each semester (cf. Admissions: Full-Time Study). In The School of Education, independent or individualized study, practice teaching, graduate assistantships or fellowships, dissertation research and language proficiency courses may all be considered as contributing appropriately toward full-time study on a credit hour equivalent basis, if required or approved by the Dean in a plan developed in conjunction with the advisor and prefiled by each student. Independent or individualized study may include such items as participation in internships, research projects, writing journal articles or other scholarly activities undertaken with the approval of the Chair and Dean, under the supervision of a member of the faculty.

Residence

Each student pursuing the master's degree or Professional Diploma must complete 18 semester hours in a two-year period.

Each student pursuing the Doctor of Education degree must complete 24 semester hours in a one year period (in accordance with all approved residence plans) at St. John's University as defined above. This residence requirement applies to work undertaken after the master's degree.

The residence requirement for the doctoral degree insures that students become immersed in the scholarly activity of their area of specialization. This immersion plays a vital role in the development of students as scholars, and although important in relation to the courses required for the degree, it is also quite distinct from them. Since degree course credit requirements are always expressed in terms of minimums, a student may at times, in order to fulfill the residence requirement, find it necessary to enroll in course work beyond the minimums listed for the degree.

Doctoral students must submit a Statement of Residence in the first semester of study specifying the manner in which the full-time residence requirement will be fulfilled. This statement must be approved by the Advisor and Division Chair.

Comprehensive Examinations

Students in the Department of Early Childhood, Childhood and Adolescent Education are required to complete a thesis/project as part of their program.* All other master's students and all doctoral students must take and pass a comprehensive examination. Normally, this examination MAY NOT BE TAKEN EARLIER THAN the last semester of course work. For counseling 48 or 42 credit programs, the exam may be taken in the last semester of course work with the completion of at least 36 credits at time of application. This exam MUST BE TAKEN WITHIN ONE YEAR of the completion of all course work.

Students must apply for and receive permission to take the comprehensive examination in accordance with the Graduate Academic Calendar.

*Students in the Department of Human Services and Counseling in the Literacy, Special Education and TESOL Programs are required to complete a thesis based on independent research. School Building Leadership Program has no comprehensive examination.

New York State Certification and New York City Licensure of Teachers and Administrators

The School of Education offers professional preparation programs that meet the requirements for institutional endorsement for New York State certification in teaching, counseling and administration. Students are expected to assume responsibility for ascertaining their eligibility for certification and/or licensure, and are urged to confer with their advisors early in their programs to ascertain their status, since completion of the degree or diploma does not mean automatic fulfillment of New York State certification and New York City licensure requirements. Students who complete all program requirements and wish to secure institutional endorsement for certification must request such action by completing the appropriate application forms and submitting them to the Dean's Office.

Effective September 2, 1993, the New York State Education Department requires passing scores on the NYSTCE, Liberal Arts and Sciences Test (LAST), the Assessment of Teaching Skills-Written (ATS-W) and Content Specialty Test (CST) for Elementary and Secondary *initial* certification; other areas of certification will be phased in at the discretion of the State Education Department. Additional testing is required for professional certification.

New York State is revising the requirements for certification of Administrators. There are now two separate certifications for building level and district level certification. School Building Leader Certification (SBL) replaces what was formerly called SAS certification. The School District Leader Certification (SDL) replaces the certification formerly called SDA. Both certifications will require a separate New York State Certification Examination. Each exam will require a fee paid to New York State and a passing score is required for certification. The New York State regulations are in transition. Please see the online graduate bulletin for the most up-to-date SBL and SDL certification requirements.

Further, students are advised that the existing New York State Certification requirements for teaching, counseling and administration mandate that applicants furnish evidence that they have completed the New York State approved module on the identification and reporting of child abuse and maltreatment and violence prevention.

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, educational 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 Queens main library.

Department of Administrative and Instructional Leadership

(Distance Learning, Manhattan, Oakdale, Queens, Staten Island)*

The Department of Administrative and Instructional Leadership offers programs in Administration and Supervision, as well as Instructional Leadership. The programs of study offered in Administration include the School Building Leader Master's of Science (SBL Master's), the School District Leader Professional Diploma (SDL Professional Diploma) and the Doctoral Degree in Administration and Supervision. In Instructional Leadership a Professional Diploma and a Doctoral Degree are offered.

In accordance with new New York State regulations, St. John's University's Department of Administrative and Instructional Leadership in The School of Education has revised the SBL Master's Degree and the SDL Professional Diploma. These programs were re-certified by New York State and initiated, at St. John's University, September 1st, 2004.

There are new admission, coursework, and program requirements for both these programs. The SBL Master's degree and the SDL Professional Diploma are offered through Distance Learning as well as in the traditional classroom setting. These programs can be fulfilled completely or partially online and are fully accredited by New York State.

St. John's University, Department of Administrative and Instructional Leadership in The Graduate School of Education is offering 2 online gifted courses to assist teachers in securing the New York State Department of Education extension in the teaching of the gifted. This extension to the teaching license can be secured with 12 graduate credits in gifted education courses and a passing score on the Content Specialty Test. The department is currently developing a 12 credit program designed to enable students to obtain the certification extension.

**Courses offered toward Master's, PD, and Ed.D. degrees.*

Administrative and Supervision Programs (EDU)

Objectives

Programs offered lead to the Master of Science in Education degree, the Professional Diploma and the Doctor of Education degree. The School Building Leader Master of Science program is designed to prepare students for New York State Certification as a School Building Leader (SBL). The School District Leader Professional Diploma program is designed to prepare students for New York State Certification as a School District Leader (SDL). New York State is implementing exams for these certifications. Each student seeking SBL and/or SDL certification must take and pass the appropriate exams in order to receive certification. These exams are only required for students pursuing New York State certification. Like all NYS certification tests, there is a fee from New York State for this exam. For further information, students are advised to contact their academic advisor or the Department Chair. Please see the online graduate bulletin for the most up-to-date certificate requirements.

Admission Requirements for Educational Administration and Supervision

School Building Leader Master of Science Program (DL, M, Q, SI)

Entry requirements for the new School Building Leader Master of Science Degree as well as the course requirements have been upgraded and revised in accordance with the new State School Building Leader Masters and consist of an 18 graduate credit core in School Administration, an Intensive 3 credit Internship and an additional 12 graduate credits in School Administration for a total of 33 graduate credits. Important note: The New York State Department of Education requires a students to have THREE years of teaching and/or pupil personnel services experience in order to be eligible for School Building Leadership.

1. A baccalaureate degree from an accredited college or university.
2. Normally a "3.0 GPA" in the general average and in the major field.
3. A minimum of three years of successful teaching experience and/or pupil personnel services.
4. New York State Permanent Teaching Certification.

The Summer Intensive is run as a student prep retreat and will be held on campus. This course will involve a review of all of the state objectives in preparation for the state comprehensive exams. Several professors will be involved in preparing the course and will be taught in a team teaching setting. On occasion, outstanding speakers will be invited to

lecture. Throughout this course, there will be opportunities presented to students to experience the wealth of cultural institutions and performances that New York has to offer, and will learn how to utilize these resources to benefit their schools and district. There will be many readings assigned to reinforce the state objectives as well as help in reviewing what each student has learned in the past semesters.

Option: Certification as a School Building Leader and Permanent Certification as a Teacher.

The student is required to complete an 18 graduate credit core in School Administration, an Intensive 3 credit Internship and an additional 12 credits in graduate education courses in the content core of the initial certificate or in a related content area or in pedagogy courses as prescribed by New York State for a total of 33 graduate credits:

1. A baccalaureate degree from an accredited college or university.
2. Normally a "3.0 GPA" in the general average and in the major field.
3. A minimum of two years of successful teaching experience and/or pupil personnel services.
4. New York State Provisional or Initial Teaching Certification.

School District Leader Professional Diploma Program (DL, Q, SI)

Entry requirements include:

1. A baccalaureate degree from an accredited college or university.
2. Normally a "3.5 GPA" in the general average and in the major field.
3. A minimum of three years of successful teaching experience, pupil personnel services, and/or school building leadership
4. New York State Permanent Teaching Certification.
5. A Masters Degree

Important note: The New York State Department of Education requires a students to have THREE years of teaching, pupil personnel services and/or school building leadership experience order to be eligible for School Building Leadership.

The Professional Diploma is the culmination of required work for the School District Administrator. Individual students must successfully complete 27 credits of course work. In addition the student must complete a 3 credit internship at the District Level. Upon completion of these 30 credits, students with a Master's degree will meet the 60 credit requirement for District Level leadership. The credits earned in the P.D. program may be applied toward the Ed.D. degree.

The professional diploma courses and professional diploma program in the Department of Administrative and Instructional Leadership require matriculation for participation. NO ONE will be allowed to take any professional diploma coursework as a non matriculated student.

Doctoral Program (Q, SI, O)

The doctoral program in Educational Administration and Supervision at St. John's University is an advanced professional degree program open to carefully selected and highly qualified graduate students who have manifested professional maturity and demonstrated academic ability and who are seeking to upgrade their professional preparation and acquire specialized knowledge and skills necessary for assuming administrative positions and leadership roles in educational organizations.

The doctoral courses and doctoral degree in the Department of Administrative and Instructional Leadership require matriculation for participation. NO ONE will be allowed to take any doctoral coursework as a non matriculated student.

**(Q) indicates Queens, (SI) indicates Staten Island, and (O) indicates Oakdale where courses are offered for some programs.*

Applicants seeking admission to the doctoral program (Ed.D.) must submit the following evidence of their ability to pursue advanced graduate study:

1. A master's degree in education from an accredited college or university; graduate scholastic achievement must be such as to give reasonable assurance of success in work for an advanced degree. Normally this will be a "B" in prior graduate work;
2. Two letters of recommendation from college instructors and additional references from field supervisors;
3. Satisfactory scores on the GRE general test;
4. A profile of professional accomplishments and leadership potential;
5. Successful performance in an individual or group interview with members of the department's graduate education policy committee;
6. Evidence of scholarship, research and writing skills as manifested in samples of term papers or other scientific papers and performance in courses in research and statistics, if available.

Programs of Study

School Building Leader Master of Science Program

Prerequisite: Please see admission requirements.
Credit Hours: 33 credits

I. Administration Core: 18 Credits

| | |
|----------|--|
| EDU 5415 | Introduction to Educational Administration |
| EDU 5418 | Administrative Theory |
| EDU 5471 | Leadership in Instructional Supervision |
| EDU 5650 | School Based Data Management |
| EDU 5701 | Curriculum: Teaching and Learning |

| | |
|----------|---|
| EDU 5791 | Legal Aspects and Administration of Schools |
|----------|---|

II. Electives: 12 Credits

| | |
|---------------|---|
| EDU 5410/7410 | Leadership in Comprehending Factors Involved in the Development of Talent |
| EDU 5411/7411 | Administering, Organizing and Developing Program Alternatives for Gifted and Talented Students |
| EDU 5571 | Administrative Leadership |
| EDU 5651 | School Community Relations in Education |
| EDU 5761 | School Based Business Administration for Administrators and Supervisors |
| EDU 5420 | Politics of Education |
| EDU 5811 | Administration and Supervision of Special Education Services and Compensatory Reading Programs and No Child Left Behind |
| EDU 5632 | Organization and Administration of Administrators and Supervisors |

or
12 Hours of Electives in graduate level courses in the content core, area of Initial Certification or in related content area.

II. Summer Intensive: 0 Credits

| | |
|----------|---|
| EDU 5499 | Summer Intensive: General Review and Exam Preparation |
|----------|---|

The Summer Intensive is run as a student prep retreat and will be held on campus. This course will involve a review of all of the state objectives in preparation for the state comprehensive exams. Several professors will be involved in preparing the course, and will be taught in a team teaching setting. On occasion, outstanding speakers will be invited to lecture. Throughout this course, there will be opportunities presented to students to experience the wealth of cultural institutions and performances that New York has to offer, and will learn how to utilize these resources to benefit their schools and district. There will be many readings assigned to reinforce the state objectives as well as help in reviewing what each student has learned in the past semesters.

IV. Internship: 3 credits

| | |
|----------|------------|
| EDU 5950 | Internship |
|----------|------------|

The internship program in School Building Leadership at St. John's University is fully integrated into the master's degree. These hours are divided in the following manner: *Part I*—The first 270 hours will be encompassed in the degree coursework. Students taking core courses must complete 45 hours of integrated internship activities for every core course. These activities are course requirements given

to students in class. When all coursework has been completed, the student should have logged at least 270 internship hours, fulfilling the requirements of *Part I of the Internship Program*.

Part II—The remaining 270 hours will be encompassed in a descriptive internship: EDU 5950. The dual instructional model will enable the student to experience course related internship activities throughout the entire degree program and experience a full-time culminating internship.

The application form and the program proposal must be completed and must be signed by the school administrator and the superintendent. The application form and the proposed program must be submitted to the coordinator of the internship program, Department of Administrative and Instructional Leadership, St. John's University, at least two months prior to the session in which the applicant plans to carry out his/her internship. Students must observe the following schedule and deadline dates for submitting internship proposals for approval: Spring semester: last week of November; Fall semester: last week of July. A three-credit course only will be offered in the summer. See your advisor for specific information.

School District Leader Professional Diploma Program

Minimum Credit Hours: 30 credits

Required Program of Study

I. Administration Core: 24 Credits

| | |
|----------|---|
| EDU 5419 | Advanced Theory |
| EDU 5665 | Educational Research and Data Analysis I |
| EDU 5102 | Planned Change in Curriculum and Administration |
| EDU 5741 | Finance in Education |
| EDU 5103 | Educational Governance and Policy Issues |
| EDU 5104 | School Personnel Administration |
| EDU 5105 | Multicultural Social Urban Organization |
| EDU 5106 | Leadership Values and Decision Making |
| EDU 5800 | Case Studies |

II. Summer Intensive: 0 Credits

EDU 5599 Summer Intensive: General Review and Exam Preparation

The Summer Intensive is run as a student prep retreat and will be held on campus. This course will involve a review of all of the state objectives in preparation for the state comprehensive exams. Several professors will be involved in preparing the course, and will be taught in a team teaching setting. On occasion, outstanding speakers will be invited to lecture. Throughout this course, there will be opportunities presented to students to experi-

ence the wealth of cultural institutions and performances that New York has to offer, and will learn how to utilize these resources to benefit their schools and district. There will be many readings assigned to reinforce the state objectives as well as help in reviewing what each student has learned in the past semesters.

III. Internship: 3 Credits

EDU 5951 District Internship

The internship program in School District Leadership at St. John's University is fully integrated into the professional diploma. The total number of hours for completion of the internship program is 540 hours. These hours are divided in the following manner:

Part I—The first 270 hours will be encompassed in the degree coursework. Students taking core courses must complete 45 hours of integrated internship activities for every core course. These activities are course requirements given to students in class. When all coursework has been completed, the student should have logged at least 270 internship hours, fulfilling the requirements of *Part I of the Internship Program*.

Part II—The remaining 270 hours will be encompassed in a descriptive internship: EDU 5951. The dual instructional model will enable the student to experience course related internship activities throughout the entire degree program and experience a full-time culminating internship.

The application form and the program proposal must be completed and must be signed by the school administrator and the superintendent. The application form and the proposed program must be submitted to the coordinator of the internship program, Department of Administrative and Instructional Leadership, St. John's University, at least two months prior to the session in which the applicant plans to carry out his/her internship. Students must observe the following schedule and deadline dates for submitting internship proposals for approval: Spring Semester: last week of November; Fall Semester: last week of July. A 3-credit course only will be offered in the summer. See your advisor for specific information.

Doctoral Program in Educational Administration and Supervision

Please note: The Doctoral program in Educational Administration and Supervision is in transition as we align the program with the New York State changes to school and district administration certification. Please see the online graduate bulletin for the most up-to-date information.

Minimum Credit Hours: 60 beyond Master's

Required Courses

I. Fundamentals:

All of the following: 15 credits

| | |
|----------|---|
| EDU 5415 | Introduction to Educational Administration |
| EDU 5418 | Administrative Theory |
| EDU 5419 | Advanced Study in Organizational Theory |
| EDU 5420 | Politics of Education |
| EDU 5791 | Legal Aspects in Management and Administration of Schools |

II. Specialization

(a) All of the following: 9 credits

| | |
|----------|---|
| EDU 5471 | Leadership in Instructional Supervision |
| EDU 5571 | Administrative Leadership in the Schools |
| EDU 5632 | Organization and Administration of the Elementary and Secondary School Curriculum |

III. Internship: 6 credits

| | |
|----------|--|
| EDU 5950 | Internship Seminar I in School Administration and Supervision (3 credits) |
| EDU 5951 | Internship Seminar II in School Administration and Supervision (3 credits) |

| | |
|----------|---|
| or | |
| EDU 5952 | Internship Seminar in School Administration and Supervision (6 credits) |

The application form and program proposal must be submitted to the Coordinator of the Internship Program and receive approval of the Chair, Department of Administrative and Instructional Leadership, St. John's University at least two months prior to the session in which the applicant plans to carry out his/her internship. Students must observe the following schedule and deadline dates for submitting internship proposals for approval:

Spring semester—last week of November
Summer semester—second week of April
Fall semester—last week of July

IV. Electives in Administration and Supervision: 9 credits

| | |
|---------------|---|
| EDU 5410/7410 | Leadership in Comprehending Factors Involved in the Development of Talent |
| EDU 5411/7411 | Administering, Organizing and Developing Program Alternatives for Gifted and Talented Students |
| EDU 5475 | Administrative and Supervisory Strategies for Implementing and Evaluating Learning Styles and Program |
| EDU 5551 | Organization and Administration of Higher Education |
| EDU 5651 | School Community Relations in Education |

| | |
|----------|--|
| EDU 5665 | Computers: Programming and Applications in Management and Education |
| EDU 5761 | School Business Administration for Administrators and Supervisors |
| EDU 5811 | Administration and Supervision of Special Education Services and Compensatory Reading Programs |
| EDU 5106 | Leadership Values and Decision Making |

V. Research: 12 Credits

| | |
|----------|---|
| EDU 5665 | Educational Research and Data Analysis I |
| EDU 7211 | Educational Research and Data Analysis II (Prereq. EDU 5655) |
| EDU 7800 | Multivariate Data Analysis* |
| EDU 7900 | Qualitative Research Methods in Education* |
| EDU 7901 | Educational Research and Data Analysis III (Prereq. EDU 5655, 7211) |

* See advisors for recommendation on the choice between EDU 7800 or EDU 7900.

VI. Social and Behavioral Sciences Component: 9 credits

Choices must be made by prior approval of the academic advisor and the Chair.

- Anthropology
- Sociology
- Economics
- Political Science
- Business and Accounting
- Humanities
- Literature

VII. Full-time Residency Verification

VIII. Doctoral Level Comprehensive Examination is Required.

IX. Doctoral Research Seminar

| | |
|----------|--|
| EDU 5990 | Doctoral Research Seminar Must be taken each semester until dissertation and oral are approved. |
|----------|--|

Instructional Leadership Programs: Professional Diploma and Doctoral (Q)

The advanced degree programs in instructional leadership have been designed to provide students with an intellectual environment that enables them to refine existing knowledge and develop new knowledge and skills in the areas of curriculum, learning and instruction.

Students are expected not only to reflect upon and improve their own professional practices but also to develop leadership in facilitating the growth and development of other educators.

Admission Requirements

Professional Diploma

Applicants must submit the following evidence of their ability to pursue graduate study:

A master's degree from an accredited college or university. Graduate scholastic achievement must be such as to give reasonable assurance of success in work for an advanced degree. Normally this will be a "B," both in the general average and in the major field.

In addition:

- Two letters of recommendation from college instructors or field supervisors;
- A minimum of two years of successful teaching experience;
- New York State Permanent Teaching Certification. This program does not qualify students for this certificate.

The professional diploma courses and professional diploma program in the Department of Administrative and Instructional Leadership require matriculation for participation. NO ONE will be allowed to take any professional diploma coursework as a non matriculated student.

Students whose background and preparation manifest deficiencies in professional courses and teaching experience may be required to complete additional credit hours and are advised to consult with the Chair of the Department to secure approval of their programs and degree requirements.

Doctoral Program

Applicants seeking admission to the doctoral program (Ed.D.) must submit the following evidence of their ability to pursue advanced graduate study:

A master's degree from an accredited college or university. Graduate scholastic achievement must be such as to give reasonable assurance of success in work for an advanced degree. Normally this will be a "B" in prior graduate work.

In addition:

- Two letters of recommendation from college instructors and additional references from field supervisors
- Satisfactory scores on the GRE general test
- A profile of professional accomplishments and leadership potential
- Successful performance in an individual or group interview with members of the department's graduate education policy committee
- Evidence of scholarship, research and writing skills as manifested in samples of term papers or other scientific papers and performance in courses in research and statistics if available

The doctoral courses and doctoral degree in the Department of Administrative and Instructional Leadership require matriculation for participation. NO ONE will be allowed to take any doctoral coursework as a non matriculated student.

Programs of Study

Professional Diploma

I. Core Components: 12 credits

Students must complete 12 credit hours from the following:

| | |
|----------|---|
| EDU 7004 | Essential Readings in Curriculum in the 21st Century |
| EDU 7701 | Research and Development in Innovative Instructional Strategies (K-Adult) |
| EDU 7708 | Program Evaluation |
| EDU 7715 | Issues in Curriculum: Theory and Development |

II. Areas of Interest 15 credits

Minimum of 15 credits from the following

(A) Required Courses

| | |
|----------|--|
| EDU 7440 | Designing, Implementing and Evaluating In-Service Programs |
| EDU 7579 | Observational Analysis for Teachers |
| EDU 7712 | Change Theory and the Curriculum |

(B) Students must complete six credits from the following:

| | |
|---------------|---|
| EDU 5471 | Leadership in Instructional Supervision |
| EDU 5632 | Organization and Administration of Elementary and Secondary School Curriculum |
| EDU 5655/7665 | Educational Research and Data Analysis I |
| EDU 7120 | Individualization: Diagnosing Students' Instructional Needs |
| EDU 7238 | Designing Innovative Instructional Materials |
| EDU 7703 | Analysis of Alternative Innovative Strategies |
| EDU 7900 | Qualitative Research Methods in Education |
| EDU 9711 | Educational of Exceptional Individuals |

III. Internships: 3 credits

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|----------|--|
| EDU 7550 | Internship in Instructional Leadership |
|----------|--|

The internship application form and the program proposal must be submitted to the Coordinator of the Internship Program and receive approval of the Chair, Department of Administrative and Instructional Leadership, St. John's University at least two months prior

to the session in which the applicant plans to carry out his/her internship. Students *must* observe the schedule and deadline dates for submitting internship proposals for approval:

Spring semester—last week of November
 Summer semester—second week of April
 Fall semester—last week of July

The program provides for three types of internship experiences in instructional leadership. Students are advised to discuss their career objectives and plans with their respective academic advisors before deciding on the appropriate internship experience.
Credit: 3 semester hours. (Q)

Doctoral Program (Ed.D.) in Instructional Leadership

**I. Core Components 12 credits
 (4 of the following)**

- EDU 7004 Essential Readings in Curriculum in the 21st Century
- EDU 7579 Observational Analysis for Teachers
- EDU 7701 Research and Development in Innovative Instructional Strategies (K–Adult)
- EDU 7708 Program Evaluation
- EDU 7715 Issues in Curriculum: Theory and Development

**II. Areas of Interest 27 credits
 (A), (B), (C) or (D)**

Students must complete two of the sequences with a minimum of 12 credits in one and 15 credits in the other for a total of 27 credits of doctoral level course work.

A. Learning Styles Sequence (12–15 cr.)

- EDU 5475 Administrative and Supervisory Strategies for Implementing and Evaluating Learning Styles Programs
- EDU 7120 Individualization: Diagnosing Students' Instructional Needs
- EDU 7238 Designing Innovative Instructional Materials—Optional
- EDU 7399 Field Research in Reading and Learning
- EDU 7440 Designing, Implementing and Evaluating In-Service Programs

B. Curriculum Sequence (12–15 cr.)

- EDU 7001 Curriculum and Instruction
- EDU 7003 Current Issues and Change Theory in Curriculum
- EDU 7195 Teaching and Learning in the Elementary Classroom
- EDU 7555 Planning for Curriculum Development in Secondary Schools
- EDU 7580 Analysis of Teaching and Educational Process
- EDU 7590 Communications and Human Relations

C. Instructional Technology Sequence (12–15 cr.)

- LIS 247 Networks in Library and Information Science
- EDU 7217 Design and Production of Media Resources (CF. LIS 217)
- EDU 7266 Computer Technology and Applications for Teachers
- or
- EDU 7668 Computer Technology in Education
- EDU 7666 Advanced Technology in Education
- EDU 7890 Independent Study

D. Administration Sequence (12–15 cr.)

- EDU 5410/7410 Leadership in Comprehending Factors Involved in the Development of Talent
- EDU 5411/7411 Administering, Organizing and Developing Program Alternatives for Gifted and Talented Students
- EDU 5418 Administrative Theory
- EDU 5419 Advanced Theory
- EDU 5471 Leadership in Instructional Supervision
- EDU 5571 Administrative Leadership in Schools
- EDU 5632 Organization and Administration of Elementary and Secondary Schools
- EDU 5791 Legal Aspects & Administration of School
- EDU 5800 Case Studies in Educational Administration
- EDU 5701 Theories of Learning and Teaching

III. Internship Component 3 credits

- EDU 7550 Internship Seminar in Instructional Leadership
- or
- EDU 5950 Internship Seminar I in School Administration and Supervision

The internship application form and the program proposal *must* be submitted to the Coordinator of the Internship Program, and receive approval of the Chair, Department of Administrative and Instructional Leadership, St. John's University at least two months prior to the session in which the applicant plans to carry out his/her internship. Students must observe the following schedule and deadline dates for submitting internship proposals for approval:

Spring semester—first week of November
 Fall semester—first week of April

The program provides for three types of internship experiences in instructional leadership. Students are advised to discuss their career objectives and plans with their respective academic advisors before deciding on the appropriate internship experience. *Credit: 3 semester hours. 2000-2001; 2001-2002 (Q)*

IV. Required Research and Methodology: 12 credits

- EDU 5655/7665 Educational Research and Data Analysis I (Prereq. 5650-permission of instructor)
- EDU 7211 Educational Research and Data Analysis II (Prereq. 5655)
- EDU 6800 Multivariate Data Analysis (Prereq 5655 & 7211)
- EDU 7900 Qualitative Research Methods in Education (Prereq 5655)
- EDU 7901 Educational Research and Data Analysis III (Prereq. 5655 & 7211)

V. Behavioral and Social Science Component 6 credits

Choices must be made with prior approval of the academic advisor and the Division Chair.

Matriculated doctoral students must register in the social and behavioral science courses under the course numbers and codes of the relevant department or academic units offering the particular course or courses.

- A. Anthropology
- B. Sociology
- C. Economics
- D. Political Science
- E. Business and Accounting

VI. Full-time Residency Verification

VII. Doctoral Level Comprehensive Examination Required

VIII. Doctoral Research Seminar

- EDU 7990 Doctoral Research Seminar each semester until dissertation and oral are approved.

For a complete listing of approved courses, please contact the Dean's office.

Department of Early Childhood, Childhood and Adolescent Education

Early Childhood Program—Queens Childhood Program—Queens, Staten Island Adolescent Program—Queens

The programs in Early Childhood, Childhood and Adolescent Education lead to the Master of Science Degree in Education and provide opportunities for graduate students to prepare for a teaching career. In view of recent changes in the requirements for New York State professional teaching certification, students must consult with their advisor concerning eligibility for teaching certification.

Admission Requirements: Master's Degree Programs

Applicants seeking admission to graduate degree programs must submit the following evidence of their ability to pursue graduate study:

A baccalaureate degree from an accredited college or university. Undergraduate scholastic achievement must be such as to give reasonable assurance of success in work for an advanced degree. Normally this will be a "B," both in the general average and in the major field.

Students are expected to have received or to have qualified for the New York State provisional (initial) teaching certificate. Students who do not possess the certificate at the time they seek admission will be accepted with the understanding that they must receive this teaching certification to be eligible for institutional endorsement for the New York State permanent teaching certification.

Programs of Study

The Department of Early Childhood, Childhood and Adolescent Education (DECCA) provides eight programs of study (Adolescent: Career Change, Field Change and Continuing; Childhood: Career Change, Field Change and Continuing; Early Childhood: Career Change and Field Change). These programs encompass a range of teaching and learning experiences through relevant pedagogical methods and a broad knowledge of strategies for devising, implementing, and assessing learning experiences for all learners. Each of these programs leads to a Master of Science degree.

Career Change in Adolescent Education – 42 credit program

The Career Change program is intended for students whose academic background is outside the field of education and do not presently hold a teaching certificate.

In response to the need for teachers in middle and high schools, St. John's University offers a master's degree program – the career change program – that can qualify you for a full-time salaried teaching position. The career change program is intended for students whose academic background is outside the field of education and who do not presently hold a teaching certificate.

Upon completion of the first half of the program (seven courses), meeting the liberal arts requirements as set by the Department of Education and successfully passing the New York State Teacher's Certification Examinations, you may be eligible for internship certification by the State Education Department and full-time employment in public and private schools within New York as a salaried employee.

Please see your advisor for specific information

Adolescent Education Master's Degree Program

Career Change

The Career Change program is intended for students whose academic background is outside of the field of education

Semester hours: 42 credits

Required Courses:

| | |
|----------|--|
| EDU 3200 | Language Acquisition and Literacy in the Content Areas* |
| EDU 3270 | Strategies for Teaching Literacy in the Content Areas* |
| EDU 7000 | Sociological/Psychological Foundations of Learning |
| EDU 7107 | Methods and Strategies for Teaching "General" and Special Needs Middle School Students* |
| EDU 7117 | Associate Teaching: Adolescence |
| EDU 7222 | Historical Perspectives on Current Trends in Curriculum Development |
| EDU 7267 | Technology for Literacy-Based Applications in Content Area in "General" and Special Education Settings |
| EDU 7290 | Human Relations in Inclusive Settings |
| EDU 7295 | Teaching and Learning: Adolescent* |
| EDU 7585 | Assessment and Evaluation in the Teaching/Learning Process** |
| EDU 7666 | Advanced Technology in Education |

or

| | |
|----------|--|
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Education Settings |
| EDU 7702 | Innovative Strategies in Secondary Education Settings* |
| EDU 9704 | Collaborative Partnerships, Strategic Instruction, and Material Adaptations in Inclusive Settings: Adolescent* |
| EDU 9711 | Education of Individuals with Exceptionalities |

*Field Experience Courses

**This course should be taken at the end of the program

Field Change

The Field Change program is intended for students who have received or have qualified for an initial certification outside of Adolescent Education.

Semester hours: 33 credits

Required Courses:

| | |
|----------|--|
| EDU 3270 | Strategies for Teaching Literacy in the Content Area* |
| EDU 7000 | Sociological/Psychological Foundations of Learning |
| EDU 7107 | Methods and Strategies for Teaching Regular and Special Needs Middle School Students* |
| EDU 7222 | Historical Perspectives on Current Trends in Curriculum Development |
| EDU 7290 | Human Relations in Inclusive Settings |
| EDU 7295 | Teaching and Learning: Adolescent* |
| EDU 7585 | Assessment and Evaluation in the Teaching/Learning Process** |
| EDU 7666 | Advanced Technology in Education |
| or | |
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Education Settings |
| EDU 7702 | Innovative Strategies in Secondary Education Settings* |
| EDU 9704 | Collaborative Partnerships, Strategic Instruction, and Material Adaptations in Inclusive Settings: Adolescent* |
| EDU 9711 | Education of Individuals with Exceptionalities |

*Field Experience Courses

**This course should be taken at the end of the program

One Course Elective

| | |
|----------|--|
| EDU 7232 | Individualization: Prescribing for Student Learning Styles |
| or | |
| EDU 7412 | Teaching Creative Thinking and Problem Solving to Gifted and Talented Students |
| or | |
| EDU 9006 | Human Development in Cross Cultural Perspective |

Continuing Program

The Continuing program is intended for students who wish to pursue a Master's degree in the same academic area as their Initial Certification.

Semester hours: 33 credits

Required Courses:

| | |
|----------|---|
| EDU 7000 | Sociological/Psychological Foundations of Learning |
| EDU 7222 | Historical Perspectives on Current Trends in Curriculum Development |
| EDU 7290 | Human Relations in Inclusive Settings |
| EDU 7585 | Assessment and Evaluation in the Teaching/Learning Process** |
| EDU 7666 | Advanced Technology in Education |
| or | |
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Education Settings |
| EDU 9704 | Research in Collaborative Partnerships and Strategic Instruction for General, Special and Inclusive Education (Childhood) |
| or | |
| EDU 9711 | Education of Individuals with Exceptionalities |

**This course should be taken at the end of the program

One Course Elective

| | |
|----------|---|
| EDU 7120 | Individualization: Diagnosing Students' Instructional Needs |
| or | |
| EDU 7410 | Identification of the Gifted and Talented |
| or | |
| EDU 9006 | Human Development in Cross Cultural Perspective |

12 Credits in Student's Liberal Arts Area (check one):

- Biology
- English
- Math
- Social Studies
- Spanish

Childhood Education Master's Degree Program

Career Change

The Career Change Program is intended for students whose academic background is outside of the field of education.

Semester hours: 42 Credits

EDU 7115 and EDU 7585 should be taken at the end of the program.

Required Courses:

| | |
|----------|---|
| EDU 3200 | Language Acquisition and Literacy Development* |
| EDU 3220 | Approaches, Materials and Performance Evaluation In Literacy Development* |
| EDU 7000 | Sociological/Psychological Foundations of Learning |
| EDU 7135 | Current Trends and Research in the Teaching of Social Studies* |
| EDU 7136 | Current Trends and Research in the Teaching of Science* |
| EDU 7137 | Current Trends and Research in the Teaching of Mathematics* |
| EDU 7195 | Teaching and Learning: Childhood* |
| EDU 7222 | Historical Perspectives and Current Trends in Curriculum Development |
| EDU 7290 | Human Relations in Inclusive Settings |
| EDU 7585 | Assessment and Evaluation in the Teaching/Learning Process** |
| EDU 7666 | Advanced Technology in Education |
| or | |
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Education Settings |
| EDU 9711 | Education of Individuals with Exceptionalities |
| EDU 7115 | Childhood Education Associate Teaching |

*Field Experience Courses

Field Change

The Field Change Program is intended for students who have received or have qualified for an initial certification outside of Childhood Education.

Semester hours: 33 Credits

EDU 7195 should be taken early in course work. EDU 7585 should be taken toward the end of the program.

Required Courses:

| | |
|----------|---|
| EDU 3200 | Language Acquisition and Literacy Development* |
| EDU 7000 | Sociological/Psychological Foundations of Learning |
| EDU 7135 | Current Trends and Research in the Teaching of Social |

| | |
|----------|---|
| EDU 7136 | Studies* Current Trends and Research in the Teaching of Science* |
| EDU 7137 | Current Trends and Research* in the Teaching of Mathematics |
| EDU 7195 | Teaching and Learning: Childhood* |
| EDU 7222 | Historical Perspectives and Current Trends in Curriculum Development |
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Education Settings |
| or | |
| EDU 7666 | Advanced Technology in Education |
| EDU 7290 | Human Relations in Inclusive Settings |
| EDU 7585 | Assessment and Evaluation in the Teaching/Learning Process** |
| EDU 9700 | Research in Collaborative Partnerships and Strategic Instruction for General, Special and Inclusive Education (Childhood) |

Continuing Program

The Continuing Program is intended for students who wish to pursue a Master's degree in the same academic area as their initial certification.

Semester hours: 33 Credits

EDU 7585 should be taken toward the end of the program.

Required Courses:

| | |
|----------|---|
| EDU 7000 | Sociological/Psychological Foundations of Learning |
| EDU 7222 | Historical Perspectives and Current Trends in Curriculum Development |
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Education Settings |
| EDU 7290 | Human Relations in Inclusive Settings |
| EDU 7585 | Assessment and Evaluation in the Teaching/Learning Process |
| EDU 9700 | Research in Collaborative Partnerships and Strategic Instruction for General, Special and Inclusive Education (Childhood) |

12 Credits from the following:

| | |
|----------|--|
| EDU 7135 | Current Trends and Research in the Teaching of Social Studies* |
| EDU 7136 | Current Trends and Research in the Teaching of Science* |
| EDU 7137 | Current Trends and Research in the Teaching of Mathematics* |

| | |
|----------|--|
| EDU 7138 | Current Trends and Research in the Teaching of Language Arts |
| EDU 7129 | Mathematics and Science in Early Childhood |

*Field Experience Courses

3 Credit elective from the following::

| | |
|----------|---|
| EDU 7410 | Identification of the Gifted and Talented |
| EDU 7411 | Introduction to Designing Programs, Curriculum and Materials For Gifted and Talented Students |
| EDU 7232 | Individualization: Prescribing for Student Learning/Styles |
| EDU 9006 | Human Development In Cross Cultural Perspective |

Early Childhood Education Master's Degree Program

Career Change

The Career Change program is intended for students whose academic background is outside the field of education.

Semester hours: 42 credits

EDU 7114 and EDU 7585 should be taken toward the end of the program.

Required Courses:

| | |
|----------|---|
| EDU 3200 | Language Acquisition and Literacy Development* |
| EDU 3220 | Approaches, Materials and Performance Evaluation In Literacy Development |
| EDU 7000 | Social/Psychological Foundations of Learning |
| EDU 7114 | Early Childhood Associate Teaching |
| EDU 7122 | Programs in Early Childhood Education: Play, Social Learning in Early Childhood Environments* |
| EDU 7123 | Creative Arts in Linguistically/Culturally Diverse and Inclusive Early Childhood Settings* |
| EDU 7124 | Literature in Early Childhood Education |
| EDU 7126 | Observing and Recording the Behavior of Young Children in Early Childhood Settings* |
| EDU 7127 | School, Family and Community Partnerships for Early Childhood Professionals |
| EDU 7128 | Integrated Curriculum in Early Childhood* |
| EDU 7129 | Mathematics and Science in Early Childhood |
| EDU 7585 | Assessment and Evaluation in the Teaching Learning Process** |

| | |
|----------|---|
| EDU 7666 | Advanced Technology in Education |
| or | |
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Education Settings |
| EDU 9711 | Education of Individuals with Exceptionalities |
| or | |
| EDU 9737 | Early Childhood Special Education |

Field Change

The Field Change program is intended for students who have received or have qualified for an initial certification outside of Early Childhood Education.

Semester hours: 36 credits

EDU 7114 and EDU 7585 should be taken toward the end of the program.

Required Courses:

| | |
|----------|---|
| EDU 3200 | Language Acquisition and Literacy Development* |
| EDU 7000 | Social/Psychological Foundations of Learning |
| EDU 7114 | Early Childhood Associate Teaching (half semester) |
| EDU 7122 | Programs in Early Childhood Education: Play, Social Learning in Early Childhood Environments* |
| EDU 7123 | Creative Arts in Linguistically/Culturally Diverse and Inclusive Early Childhood Settings* |
| EDU 7124 | Literature in Early Childhood Education |
| EDU 7126 | Observing and Recording the Behavior of Young Children in Early Childhood Settings* |
| EDU 7127 | School, Family and Community Partnerships for Early Childhood Professionals |
| EDU 7128 | Integrated Curriculum in Early Childhood* |
| EDU 7129 | Mathematics and Science in Early Childhood |
| EDU 7585 | Assessment and Evaluation in the Teaching Learning Process |
| EDU 9711 | Education of Individuals with Exceptionalities |
| or | |
| EDU 9737 | Early Childhood Special Education |

*Field Experience Courses

For a complete listing of approved courses, please contact the Dean's office.

Department of Human Services and Counseling

The Department of Human Services and Counseling offers programs and coursework in professional teacher and counseling preparation. In most instances, candidates require an initial or base certificate for entry into the teacher preparation programs in Literacy, Teaching English to Speakers of Other Languages (TESOL), Special Education and professional preparation coursework of 18 credits for entry into the Counseling programs. Two dual certification career change programs in TESOL and Special Education allow candidates to earn the initial and professional coursework simultaneously. These programs and related coursework support the University Mission as articulated by St. Vincent de Paul and carried out through academic rigor and service to the community.

At the present time at the Queens campus, the department offers graduate level programs and coursework in teaching literacy in B-6 and in grades 5-12; TESOL (plus a bilingual extension course sequence of 15 credits which can be added onto most base certificates); teaching students with disabilities, childhood (special education); rehabilitation counseling, school counseling, and bilingual school counseling. Also a 42 credit Childhood and Childhood Special Education (Internship) program and a 42 credit Childhood Education and TESOL program are offered for those eligible candidates lacking initial teacher certification.

At the Staten Island campus, the department offers graduate level programs and coursework in Teaching Literacy at levels B-6 and in grades 5-12; a career change program in Childhood and Childhood Special Education (Internship); Rehabilitation Counseling; and School Counseling.

At the Oakdale, Long Island, location, special graduate level programs and coursework are offered in Literacy, TESOL, and Teaching Students with Disabilities, Childhood. Here a 12 credit sequence of TESOL courses is offered initially and complements study in the other pedagogical areas. A 15 credit bilingual course sequence which may be added to most base teaching certificates is offered as well.

Coursework in Literacy and Special Education is offered on the Manhattan campus. Some of the department's course offerings may be taken on-line. "D" indicates those courses that are offered through distance learning.

Counselor Education Program (Q, SI): Master's

The programs in counselor education provide opportunities for graduate students to prepare themselves for counseling and leadership positions in counseling in a variety of settings. The programs provide an integrated approach to theory and practice and aim at meeting the professional educational needs of both full-time and part-time students in the urban and suburban environments that the University serves.

Counselor education programs of study are available at both the master's degree and professional diploma levels in three different specialization areas: *school counseling*, *bilingual school counseling*, and *rehabilitation counseling*. The three programs have been designed to meet the national standards specified by the Council on Accreditation of Counseling and Related Educational Programs (CACREP) and the Council on Rehabilitation Education (CORE), as well as the requirements of the New York State Department of Education. The rehabilitation counseling program is fully accredited by CORE and the school counseling programs are fully accredited by CACREP accreditation standards.

All three programs require 48-credit hours for the master's level including courses in a core body of knowledge, in the unique area of specialization, and in appropriate field-based clinical experiences. The core courses focus on developing competencies in eight areas: human growth and development, social and cultural foundations, helping relationships, group methods, career development, appraisal, research and evaluation and professional orientation. The specialization and the field-based courses focus on integrating theoretical and practical knowledge and learning how to deliver counseling services effectively in a variety of settings.

Master's level programs in *school counseling* and *rehabilitation counseling* are offered on both the Queens and Staten Island campuses. Master's level programs in *bilingual school counseling* and professional diploma level counseling programs are offered on the Queens campus only. Courses listed "D" are offered online.

Admission Requirements for Master's Counseling Programs

1. A baccalaureate degree from an accredited college or university with undergraduate scholastic achievement indicating reasonable assurance of success in work for an advanced degree. Normally this will be a "B," (3.0) both in the general average and in the major field.
2. A minimum of 18 credits in the behavioral and social sciences and/or professional education courses. Students who do not fully meet this requirement will need to make up deficit credits by completing course work in those areas, in addition to the usual pro-

gram requirements.

3. Two letters of recommendation from college instructors or field supervisors.
4. An interview with counseling faculty.
5. A spontaneous writing sample in response to a topic assigned by the faculty interviewer done during the interview.
6. The interest, ability and personality to function successfully in the field of counseling.
7. In addition to the above, applicants to the bilingual school counseling program must demonstrate language proficiency in both English *and* the target language as a prerequisite for admission into the program. Assessment of language proficiency will be conducted in the same manner in which such assessment is conducted for applicants to the bilingual/multicultural education program. Further, applicants to the bilingual school counseling program must possess prerequisite knowledge of the *culture* of the target language ethnic group. Normally such knowledge may be evidenced by a minimum of three credits of college-level study of social/cultural perspectives of the group or its equivalent as evidenced in documented work and/or life experiences which indicate knowledge of and ongoing contact and affiliation with the target cultural group. Applicants who do not demonstrate adequate language fluency in either English or the target language and/or whose transcripts or backgrounds do not evidence knowledge of the culture of the target group will be required to complete appropriate course work in addition to program requirements.

School Counseling and Bilingual School Counseling Programs

Fully accredited by CACREP

The program in *school counseling* is designed to prepare students to counsel children and youth in traditional and alternative programs in public and private elementary and secondary schools. The program in *bilingual school counseling* is intended for students fluent in English and a second language who want to counsel culturally and linguistically different youth in a variety of multiethnic/multicultural school settings.

The *school counseling* and the *bilingual school counseling* programs meet the academic requirements in New York State for permanent certification for *school counselor and for school counselor with bilingual extension*, respectively. In both cases, permanent certification also requires two years of full-time paid employment as a School Counselor or as a Bilingual School Counselor, as appropriate. However, both programs allow students to obtain provisional certification upon the completion of 30 credits of specified course work, including the practicum in *school counseling* or *bilingual school counseling*. The master's in school counseling requires the completion of 21 credits of core counseling courses, 21 cred-

its of specialization courses and six credits in counseling or related area electives. The master's in bilingual school counseling requires the completion of 21 credits of core courses and 27 credits of specialization courses. Students seeking School Counselor certification in states other than New York State should become informed regarding certification requirements in those states and meet with their advisors to plan accordingly. Students in New York State must attend two seminars: child abuse and violence prevention as well as be fingerprinted before applying for provisional or permanent certification in New York.

Rehabilitation Counseling Program fully accredited by CORE

The program in *rehabilitation counseling* is designed to prepare students to counsel individuals with disabilities in rehabilitation settings and other community-based agencies. The *rehabilitation counseling* program is fully accredited by the Council on Rehabilitation Education (CORE), and prepares students to meet the certification standards of the Commission on Rehabilitation Counselor Certification (CRCC). The master's program in rehabilitation counseling includes 21 credits of core courses, 21 credits of specialization courses, and six credits of electives.

Mental Health Counselor License—A mental health counselor licensure law has been passed in New York State. The counselor education program will offer courses and a program sequence needed to make students eligible for mental health counseling licensure.

Program of Study

All master's degree programs require the completion of a 48 credit hour program and the successful completion of the required comprehensive examination. Since programs of study are designed to meet the unique needs of every student, students in all programs must meet with their assigned program advisor before beginning course work to identify program requirements and complete program advisement forms. Counseling students should expect to participate in a 10 week group experience which is provided free of charge at the University Counseling Center. The School and Rehabilitation students must participate in Individual Counseling. Liability Insurance is also required. Typical 48 semester hour programs are indicated below:

Core Courses (21 credits)

| | |
|----------|--|
| EDU 6205 | Group Dynamics |
| EDU 6208 | Counseling and Personality Theories |
| EDU 6262 | Psychological Testing |
| EDU 6264 | Counseling Skills and Techniques |
| EDU 6301 | Career Development |
| EDU 6307 | Research in Counseling |
| EDU 6424 | Case Studies and Community Resources in Counseling |

School Counselor Specialization (21 credits)

| | |
|----------|--|
| EDU 6206 | Psychosocial Development: A Multicultural Perspective |
| EDU 6122 | Orientation to Multicultural School Counseling |
| EDU 6305 | Practicum in School Counseling |
| or | |
| EDU 6306 | Practicum in School Counseling with Bilingual Students |
| EDU 6595 | Organization and Administration of Personnel Services |
| EDU 6650 | Consultation and Evaluation |
| EDU 6590 | Internship in School Counseling I |
| EDU 6591 | Internship in School Counseling II |

Bilingual School Counselor Specialization (27 credits)

| | |
|----------|--|
| EDU 6206 | Psychosocial Development: A Multicultural Perspective |
| EDU 6122 | Orientation to Multicultural School Counseling |
| EDU 6306 | Practicum in School Counseling with Bilingual Students |
| EDU 6530 | Counseling in Multicultural Settings |
| EDU 9001 | Foundations of Bilingual and Second Language Education |
| EDU 6595 | Organization and Administration of Personnel Services |
| EDU 6650 | Consultation and Evaluation |
| EDU 6592 | Internship in Bilingual School Counseling I |
| EDU 6593 | Internship in Bilingual Counseling II |

Rehabilitation Counseling Specialization (21 credits)

| | |
|----------|--|
| EDU 6204 | Adjustment to Disabling Conditions |
| EDU 6425 | Rehabilitation Counseling |
| EDU 6435 | Medical and Psychosocial Aspects of Disability |
| EDU 6465 | Vocational Development and Job Placement |
| EDU 6302 | Practicum in Rehabilitation Counseling |
| EDU 6501 | Internship in Rehabilitation Counseling I |
| EDU 6502 | Internship in Rehabilitation Counseling II |

Electives (6 credits)

Students in *school counseling and rehabilitation counseling* may select six credits in elective courses be related to the student's needs, interests and career goals and approved by the program coordinator.

Counselor Education Programs—Professional Diploma**Admission Requirements: Counseling Professional Diploma Program**

In order to be eligible for the professional diploma program in counseling, applicants must have successfully completed a master's program in counseling or its equivalent and have adequate experience in the field. Applicants should have a minimum of a 3.0 index in graduate course work and must submit two letters of recommendation with their application. An interview with the counseling faculty is also required.

Counseling Professional Diploma Programs

Students who have completed a master's degree in counseling and have relevant experience in the field have the opportunity to earn a professional diploma in counseling. The program is designed to provide additional professional preparation for advanced graduate students. Specialists trained at this level are prepared to assume leadership roles in counseling. The specific courses required depend upon a student's area of specialization and must be approved by the individual's faculty advisor. P.D. candidates will have their credentials evaluated by the faculty in determining the number of credits beyond the MS degree.

Literacy Programs

The department offers two Master's level graduate programs with specialization in the teaching of literacy. These graduate programs lead to initial or professional certification in, Teaching Literacy, Birth through Grade 6 or Teaching Literacy, Grades 5 through 12.

Completion of either program qualifies students for New York State initial or professional certification in one of the literacy certifying areas, provided they have met prerequisite requirements; they have successfully completed all State mandated external tests, training modules and field experiences, and they have met citizenship requirements.

The department offers courses at the advanced and doctoral levels.

Admission Requirements for Degree Programs

1. A baccalaureate degree from an accredited college or university. Undergraduate scholastic achievement must be such as to give reasonable assurance of success in work for an advanced degree, normally, a "B," both in general average and in the major field.
2. The teaching literacy programs service students who already hold initial certification in either childhood education, early childhood education, adolescence education, teaching students with disabilities, teaching students who are deaf or hard of hearing, teaching students who are blind or visually impaired, teaching students with speech and language disabilities, teaching English to speakers of other languages and library media specialists. Candidates seeking admission shall normally have achieved a B average, or 3.0 or better cumulative grade point average in the program leading to the degree of their existing initial certificate.
3. Applications of those individuals who meet the program requirements but whose GPAs fall below 3.0 in their initial certified area, will be reviewed by a committee of designated faculty members to assess applicants' potential to successfully complete the program. In such cases the committee may also request an interview with the candidate. Upon committee recommendation, those applicants will be accepted conditionally with the proviso that they achieve at least a 3.0 in each of their first four program courses.

Programs of Study

Teaching Literacy, Birth–Grade 6 (Q, SI, O, M)

The Master of Science in Education program with a specialization in the Teaching of Literacy, B-6 is a 33-credit program. This program enhances the initially certified teacher's ability to teach reading and the related language arts to students at the early childhood, elementary, and middle school levels. In addition, the program enables prospective and practicing teachers to acquire and develop the skills they will need to become reading specialists capable of diagnosing and assisting children to overcome their special literacy problems. A thesis based on independent research is required and conducted in the EDU 3210 course taken at the end of the program. Full programs are offered at the Queens, Staten Island, and Oakdale campuses; coursework is offered at the Manhattan campus.

The following courses comprise the master's program in literacy leading to initial or professional certification in Teaching Literacy, B-6:

Educational Foundations and Technology Core: Choose one course from Group A, and choose one course from Group B, depending on advisement.

Group A: 6 credits

EDU 9700 Research in Collaborative Partnerships and Strategic Instruction for General, Special and Inclusive Education (Childhood)

or

EDU 9013 Research in Language, Culture and Communication K–12

and

Group B:

EDU 7266 Technology for Teaching Literacy Applications in Regular and Special Education Settings (for students with limited technology background)

or

EDU 7666 Advanced Technology in Education (for students with prior education technology course)

Literacy Theory and Practice: 9 credits

EDU 3200 Language Acquisition and Literacy Development

EDU 3220 Approaches, Materials, and Performance Evaluation in Literacy Development

EDU 3270 Theories of and Strategies for Teaching Literacy in the Content Areas

Literacy Specialist Core: 12 credits

EDU 3230 Diagnosis and Recommendations for Literacy Performance (Pre. or Coreq. 3200, 3220 or 3270)

EDU 3240 Literacy and Assessment Strategies for Diverse Learners (Pre. Req. Edu 3230)

EDU 3250 Practicum and Seminar in Literacy Instruction (Pre. Req. 3230 and 3240)

EDU 3210 Research and Practice of Teaching Writing in General and Inclusive Education, B–6 (Pre Req. 9700 or 9013 and Literacy Theory & Practice Core and 3240) (Thesis course based on independent research)

Choose 6 credits – (2 courses) in Literacy or Related Education Elective Coursework

EDU 3241 Multi-sensory Approach to Language Learning and Phonics Instruction - Part I

EDU 3242 Multi-sensory Approach to Language Learning and Phonics Instruction - Part II

EDU 3260 Emergent Literacy within a Constructivist, Social Context

EDU 3264 Teaching Literacy through Literature, B–6

EDU 3278 Curriculum & Instructional Design for Teaching Literacy to Individuals with Exceptionalities—Birth–Grade 12

EDU 7124 Literature in Early Childhood Education

Teaching Literacy, Grades 5-12 (Q, SI, O, M)

The Master of Science in Education program with a specialization in the Teaching of Literacy, Grades 5 through 12, is a 33 credit program. This program allows the initially certified teacher to teach reading, writing, and the related language arts to students at the middle school, junior high and high school levels. In addition, the program enables prospective and practicing teachers to acquire and develop the skills they need to become reading specialists, capable of diagnosing and assisting youngsters and youth in overcoming their literacy-related problems. A thesis based on independent research is required and conducted in the EDU 3215 course taken at the end of the program. Full programs are offered at the Queens, Staten Island, and Oakdale campuses; coursework is offered at the Manhattan campus.

The following courses comprise the Master's program in literacy leading to initial or professional certification in Teaching Literacy, 5–12.

Educational Foundations and Technology Core:

Choose one course from Group A, and choose one course from Group B, depending on advisement.

Group A: 6 credits

EDU 9704 Research in Collaborative Partnerships and Strategic Instruction for General, Special and Inclusive Education (Adolescence)

or

EDU 9013 Research in Language, Culture and Communication K–12

and

Group B:

EDU 7267 Technology for Literary-Based Applications in Content Area Learning in Regular and Special Education Settings

or

EDU 7666 Advanced Technology in Education (for students with prior education technology course)

Literacy Theory and Practice Core: 9 credits

EDU 3200 Language Acquisition and Literacy Development

EDU 3220 Approaches, Materials, and Performance Evaluation in Literacy Development

EDU 3270 Theories of and Strategies for Teaching Literacy in the Content Areas

Literacy Specialist Core: 12 credits

EDU 3230 Diagnosis and Recommendations for Literacy Performance (Prerequisite or Co-requisite 3200, 3220 or 3270)

EDU 3240 Literacy and Assessment Strategies for Diverse Learners (Prerequisite EDU 3230)

EDU 3255 Practicum and Seminar in Literacy Instruction (Prerequisites 3230 and 3240)

EDU 3215 Research and Practice of Teaching Writing in General and Inclusive Education, 5–12 (Prerequisites 9704 or 9013 and Literacy Theory & Practice Core and 3240) (Thesis course based on independent research)

Choose 6 credits – (2 courses) in Literacy or Related Education Elective Coursework

| | |
|----------|---|
| EDU 3222 | (LIS216) Youth Literature: A Critical Approach |
| EDU 3224 | (LIS 222) Materials and Services to Special Populations |
| EDU 3226 | (LIS226) Literature & Related Resources for Young Adults |
| EDU 3241 | Multi-sensory Approach to Language Learning and Phonics Instruction - Part I |
| EDU 3242 | Multi-sensory Approach to Language Learning and Phonics Instruction - Part II |
| EDU 3265 | Teaching Literacy through Literature |
| EDU 3228 | Curriculum and Instructional Design for Teaching Literacy to Individuals with Exceptionalities (Adolescence). |
| EDU 9004 | Content Area Instruction for Linguistically/Culturally Diverse Learners K–12 |

Three literacy courses, 3282, 3285, and 3290 are offered at the advanced doctoral level.

A 42 credit dual certification (B–12) program is pending approval by New York Department of Education. Complete MS programs are offered at the Queens and Staten Island campuses, a TESOL/Literacy program (33 credits) is offered at Oakdale campus and coursework is offered at the Manhattan campus.

Admission and Program Requirements for Literacy-Field Change

***Students with teaching certificates in other licensing areas may apply for one of the literacy field change programs.

1. A master's degree in education or a functionally related area, with scholastic achievement at a level to give reasonable assurance of success in work for an advanced degree. Normally, this will be a "B" average.
2. New York State initial teaching certification as specified in Admission Requirements for Degree Programs (2).
3. Thirty credit hours of coursework as outlined in the B-6 or 5-12 degree programs are required. If some literacy coursework was completed in an MS degree program, electives may be substituted in consultation with the student's program advisor.
4. A comprehensive examination or thesis completed in other MS programs satisfy program requirements.

Special Education Programs

The Department of Human Services and Counseling offers two graduate level programs leading to a professional state certificate valid for teaching students with disabilities at the childhood level: Teaching Students with Disabilities in Childhood (33 credits) and Childhood and Childhood Special Education Internship (42 credits). The 33-credit program leads to an initial state certificate valid for teaching students with disabilities at the childhood level (Grades 1-6). The 42-credit internship program is intended for students who have not received initial certification in childhood or elementary education and who wish to obtain additional certification in teaching students with disabilities at the childhood level. Programs are offered at the Queens and Staten Island campuses. A combination TESOL/Special Education program is offered at the Oakdale location. Some coursework for the Staten Island students may need to be taken at the Queens campus or online. In addition, courses are offered on the Manhattan campus.

The Special Education Program for teaching students with disabilities at the childhood level. This program is designed to foster the development of skills, attitudes, and abilities needed to identify and remediate major learning and behavior disorders. It also prepares teachers to instruct children who manifest learning and behavioral problems ranging from mild to profound, regardless of etiology. Attention is paid to diagnosis, intervention, program planning and program evaluation. Completion of the special education master's program qualifies students for New York State initial or permanent certification as a teacher of students with disabilities at the childhood level, provided students have successfully completed all State mandated external tests, training modules and teaching experiences. In addition, the majority of courses in the 33-credit special education program are offered online.

Students interested in completing their coursework online will be eligible to receive a Master's degree in special education and a professional state certificate valid for teaching students with disabilities at the childhood level (Grades 1–6). A "D" indicates those courses that are offered online.

Admission Requirements for Master's Program in Special Education

1. A baccalaureate degree from an accredited college or university. Undergraduate scholastic achievement must be such as to give reasonable assurance of success in work for an advanced degree. Normally this will be a "B," both in the general average and in the major field.
2. The special education program serves students who have received or who have qualified for the New York State initial teaching certificate. Students who do not possess the certificate at the time they seek admission will be accepted into the 42-credit program with the understanding that they must receive this teaching certification to be eligible for institutional endorsement for the New York State permanent teaching certification.
3. Applications for those individuals who meet program requirements but whose GPAs fall below 3.0 in their initial certification area will be reviewed by a committee of designated faculty members to assess applicants' potential to successfully complete the program. In such cases the committee may also request an interview with the candidate. Upon committee recommendation, those applicants will be accepted conditionally with the provision that they achieve at least a 3.0 in each of the first four courses in the program.
4. In addition to meeting all academic prerequisites, prospective online students must meet rudimentary computer proficiency requirements, such as Internet experience, logging on, cutting and pasting text using word processing software, and attaching documents as e-mail attachments.

Programs of Study

Teaching Students with Disabilities: Childhood (33 credits)

The program leading to state certification valid for teaching students with disabilities at the childhood level consists of two segments.

I. Core Special Education Courses (27 credits)

| | |
|----------|---|
| EDU 9707 | Planning and Managing Teaching and Learning Environments |
| EDU 9711 | Education of Exceptional Individuals |
| EDU 9712 | Educational Assessment of Individuals with Exceptionalities |
| EDU 9716 | Curriculum and Instructional Design for Teaching Literacy to Individuals with Exceptionalities: Childhood |
| EDU 9718 | Curriculum and Instructional Design for Individuals with Exceptionalities: Math, Science, and Social Studies |
| EDU 9719 | Principles of Applied Behavior Analysis and Positive Behavior Supports |
| EDU 9700 | Research in Collaborative Partnerships and Strategic Instruction for General, Special, and Inclusive Education: Childhood |
| EDU 9702 | Practicum in Special Education: Childhood |
| and | |
| EDU 3200 | Language Acquisition and Literacy Development |
| or | |
| EDU 3241 | Multi-sensory Approach to Language Learning and Phonics Instruction Part I |

II a. Choose 6 Credits: Special Education or Related Education Elective Coursework

| | |
|----------------------|---|
| EDU 9720 | Applications of Behavior Management Techniques |
| EDU 9013 | Research in Language, Culture and Communication |
| EDU 9010/ cf 9710 | Linguistics for Teachers of English Language and Exceptional Learners |

II b. May substitute for electives (under faculty advisement)

| | |
|----------|--|
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Education Settings |
| EDU 3242 | Multi-sensory Approach to Language Learning and Phonics Instruction Part II (Spring: Level 1 is a prerequisite) |

*Associate Level Orton-Gillingham Practitioner-Students will need 200 additional hours of Practicum.

A written thesis based on independent research is required and is normally conducted during the last term.

Childhood and Childhood Special Education (Internship) (42 Credits)

I. Childhood Core (18 credits)

| | |
|-----------|--|
| EDU 7195 | Teaching and Learning: Childhood |
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Education Settings |
| EDU 7137 | Current Trends and Research in the Teaching of Mathematics in Inclusive Settings |
| EDU 7222 | Historical Perspectives and Current Trends in Curriculum Development |
| EDU 7290 | Human Relations in Inclusive Settings |
| or | |
| EDU 9700* | Research in Collaborative Partnerships and Strategic Instruction for General, Special, and Inclusive Education: Childhood (*Strongly recommended to accomplish thesis requirements) |

EDU 7115 Childhood Associate Teaching
(Must Have 18 Credits Completed)

II. Core Special Education Courses

| | |
|----------|--|
| EDU 9711 | Education of Individuals with Exceptionalities |
| EDU 9707 | Planning and Managing Teaching and Learning Environments |
| EDU 3200 | Language Acquisition and Literacy Development |
| or | |
| EDU 3220 | Approaches, Strategies, and Materials for Literacy Development |
| EDU 9712 | Educational Assessment of Individuals with Exceptionalities |

| | |
|----------|---|
| EDU 9716 | Curriculum and Instructional Design for Teaching Literacy to Individuals with Exceptionalities: Childhood |
| EDU 9718 | Curriculum and Instructional Design for Individuals with Exceptionalities: Math, Science, Social Studies |
| EDU 9719 | Principles of Applied Behavior Analysis and Positive Behavior Supports |
| EDU 9702 | Practicum in Special Education-Childhood (Final Semester) |

A written thesis based on independent research is required and is normally conducted during the last term.

TESOL Programs

The division offers two advanced degree programs in TESOL, Teaching English to Speakers of Other Languages. These programs prepare qualified individuals to meet the educational needs of limited English proficient children, adolescents and youth. The master's degree program is designed for students who possess an initial certificate in education (see entry #2 under admission requirements) and who seek to meet requirements for New York State initial or professional certification in TESOL (33 credit program). Students who do not possess an initial certificate to be eligible for TESOL may apply to the joint Childhood Education and TESOL Program (42 credit program).

Completion of either program qualifies students for New York State initial or professional certification in TESOL, provided they have met prerequisite requirements; they have successfully completed all State-mandated external tests, training modules and field experiences; and they have met citizenship requirements.

For students who have foreign credentials and are only planning to teach English as a Foreign Language (EFL) in their country the New York State Teacher Certification practicum requirements are not necessary. Instead, students have the option of taking another course in lieu of the practicum. Students with foreign credentials who wish to teach in New York State will need to satisfy the requirements for entry into the initial TESOL certificate program. (see entry #2 below).

New York State offers, contingent upon funding, the New York State Intensive Teacher Institute (ITI) in TESOL and Bilingual Education at St. John's University. This program is designed for regular classroom teachers of English Language Learners (ELLs) K-12.

A complete TESOL program of 33 credits is offered at the Oakdale location along with a 12 credit sequence of TESOL courses with literacy, special education, and administration courses to earn a combined degree. Also, at both the Oakdale location and the Queens campus location an accelerated weekend program is offered.

For further information, please contact the Program Coordinator at 718-990-6407.

Admission Requirements: TESOL Programs

1. A baccalaureate degree from an accredited college or university, which includes a concentration or major in one of the liberal arts and sciences and no fewer than six semester hours in each of the following academic areas: English, mathematics, science, social studies and a language other than English. Undergraduate scholastic achievement must be such as to give reasonable assurance of success in work for an advanced degree. Normally, this will be a "B," both in the general average and in the major field.
2. New York State initial teacher certification or eligibility for teaching certification. Entry into the TESOL program is open to those students who hold initial certification in early childhood, elementary or childhood, middle childhood, or secondary or adolescent education.

Students who do not hold initial certification should apply to the joint Childhood Education and TESOL Program. See program requirements below.
3. Proficiency in English. Students who have foreign academic credentials must demonstrate proficiency in English at the start of the program by passing oral language and written reading and writing proficiency tests in English administered by the University's ESL Department. Students who do not demonstrate adequate English language proficiency will be required to take sufficient ESL course work to bring their English language proficiency up to the required level, as recommended by the ESL Director in written reports of the test results. Since such course work will be used to meet a program prerequisite, it will not count towards meeting the credits required for the TESOL degree.
4. A stated interest in and commitment to working with limited English proficient children and youth.

Program of Study

The master's program in TESOL (K–12) is a 33 credit program which includes course work in three areas: foundations, TESOL professional core and related electives. A written thesis based on independent research is conducted at the end of the program sequence, specifically in the EDU 9014 course.

Master's Degree in TESOL (K–12) (33 credits)

Foundations (9 credits)

| | |
|----------|---|
| EDU 9001 | Foundations of Bilingual, Multicultural and Second Language Education |
| EDU 9002 | Psychology and Sociology of Language and Bilingualism |
| EDU 9006 | Human Development in Cross-cultural Perspective |

TESOL Professional Core (24 credits)

| | |
|----------|---|
| EDU 9003 | Literacy Development for First and Second Language Learners |
| or | |
| EDU 9005 | Teaching English to Speakers of Other Languages: Theory and Practice |
| EDU 9004 | Content Area Instruction for Linguistically/Culturally Diverse Learners |
| or | |
| EDU 9009 | Teaching Strategies in the ESL and Bilingual Classroom: Science, Mathematics and Social Studies |
| EDU 9010 | Linguistics for Teachers of English Language (ELL) and Exceptional Learners |
| EDU 9012 | Methods of Language and Academic Assessment for ELLs and Exceptional Learners |
| EDU 9013 | Research in Language, Culture and Communication |
| EDU 9015 | Structure of the English Language |
| EDU 9014 | Practicum and Seminar in TESOL |
| EDU 9017 | Literacy Development Methods for Dialect and Other English Speakers |

With the approval of the student's advisor, an elective may be substituted for a foundation or core course.

Students admitted to the joint Childhood Education and TESOL master's program must complete 42 credits of coursework as follows:

1. **TESOL Foundations: EDU 9001 and EDU 9006 (only): 6 credits**
2. **TESOL Professional Core as listed above: 24 credits**
3. **Childhood Education: 15 credits comprised of the following:**

| | |
|----------|--|
| EDU 7195 | Teaching and Learning: Childhood |
| EDU 7222 | Historical Perspective and Current Trends in Curriculum Development |
| EDU 7266 | Technology for Teaching Literacy Applications in Regular and Special Ed Settings |
| EDU 7115 | Childhood Associate Teaching |
| EDU 9711 | Education of Exceptional Individuals |

Students in the 42 credit program must also complete a written thesis based on independent research.

With the approval of the student's advisor, an elective may be substituted for a foundation or core course.

Bilingual Education Extension Certificate Program

The division offers a 15 credit course sequence leading to a bilingual extension certificate. Coursework will provide students with the theory, multicultural perspectives, and practical background to work in bilingual and/or dual-language classroom settings. The five course sequence will allow the initially certified teacher to obtain the knowledge and skills of: (1) the theories of bilingual education and bilingualism, (2) the multicultural viewpoints of education, (3) the social, psychological, and psycho-linguistic aspects of bilingualism, (4) the methods of teaching English language arts and native language arts to bilingual English language learners, and (5) methods of teaching content area instruction to bilingual English language learners, using both the native language and English.

This course sequence does not require a practicum although fieldwork is a requirement of most coursework.

Admission Requirements: Bilingual Extension

Candidates wishing to obtain the bilingual extension can add the 15 credit course work to their initial or professional certificate programs in early childhood education; childhood education; career and technical education; students with disabilities in early childhood, or childhood, or middle childhood, or adolescence; students who are blind or visually impaired; students who are deaf or hard of hearing; students with speech and language disabilities, and literacy education B–6, 5–12.

Course Requirements

| | |
|---------------|---|
| EDU 9001 | Foundations of Bilingual, Multicultural and Second Language Education |
| EDU 9002 | Psychology and Sociology of Language and Bilingualism |
| EDU 9003 | Literacy Development for First and Second Language Learners |
| EDU 9004 | Content Area Instruction for Linguistically/Culturally Diverse Learners |
| EDU 9006 | Human Development in Cross-cultural Perspective |
| EDU 9007/9008 | are subsumed by EDU 9003. |
| EDU 9009/9019 | are subsumed by EDU 9004. |

Total: 15 credits

Courses

EDU 3200 Language Acquisition and Literacy Development

Examines theories of literacy development including construct of emergent literacy, early oral language development, and relationship of oral to written language. (Fieldwork required). *Credit: 3 semester hours.* (Q, SI)

EDU 3210 Research and Practice of Teaching Writing in General and Inclusive Education B-6

(Prerequisite 9700 or 9013 and Literacy Course sequence) In this course, students plan and conduct their thesis based on independent research. Teachers are shown how to develop effective reading and writing strategies and make connections to reading and writing models as they enhance their own writing skills, as well as those of students in regular and inclusive settings. *Credit: 3 semester hours.* (Q, SI, O)

EDU 3215 Research and Practice of Teaching Writing in General and Inclusive Education 5-12

(Prerequisite 9704 or 9013 and Literacy Course sequence) In this course, students plan and conduct their thesis based on independent research. Teachers are shown how to develop effective reading and writing strategies and make connections to reading and writing models as they enhance their own writing skills as well as as those students in regular and inclusive settings. *Credit: 3 semester hours.* (Q, SI, O)

EDU 3220 Approaches, Materials, and Performance Evaluation in Literacy Development

Study and analysis of approaches and materials for literacy instruction focusing on word identification, vocabulary development, comprehension, writing instruction, and motivational aspects. (Field work at the childhood or adolescent level). *Credit: 3 semester hours.* (Q, SI, O, M)

EDU 3222 (LIS 216) Youth Literature: A Critical Approach

An examination of selected books for children and young adults, with emphasis on the study of literacy elements and the application of critical analysis. *Credit: 3 semester hours.* (Q)

EDU 3223 (LIS 121) Literature and Related Resources for Children

A survey of books and other materials for children, with emphasis on applying selection criteria and developing evaluation skills. *Credit: 3 semester hours.* (Q)

EDU 3224 (LIS 222) Materials and Services to Special Populations

A study of materials and services for library users with disabilities, (including development, physical and sensory disabilities) and other special user groups. *Credit: 3 semester hours.* (Q)

EDU 3225 (LIS 128) Library Services for Young Adults

Serving young adults in the public library, with emphasis on identifying user needs, developing book talking skills, planning programs, providing information services and designing policies. *Credit: 3 semester hours.* (Q)

EDU 3226 I (LIS 226) Literature and Related Resources for Young Adults

A survey of books and other materials for young adults, with emphasis on applying selection criteria and developing evaluation skills. *Credit: 3 semester hours.* (Q)

EDU 3228 Curriculum and Instructional Design for Teaching Literacy to Individuals with Exceptionalities—Adolescent

Examines theories and models of how adolescents with exceptionalities process and learn from the oral and written languages. (Field work required). *Credit: 3 semester hours.* (Q, SI)

EDU 3230 Diagnosis and Recommendations for Literacy Performance

(Prerequisite or co-requisite: One reading core course. Open only to students matriculated in MS Literacy Programs)

Principles and practices of assessing and correcting literacy performance; use of reading, writing, and perceptual tests to establish reading levels and behaviors for students in either grades K through 6 or 5 through 12 (Field work required; diagnostic instruments must be purchased). *Credit: 3 semester hours.* (Q, SI, O)

EDU 3240 Literacy and Assessment Strategies for Diverse Learners

(Prerequisite EDU 3230)
Study and analysis of literacy development, individual differences, and language difficulties experienced by the diverse learner. As a continuation of EDU 3230, students learn specialized procedures for learning/language disabilities. (Field work required) (Diagnostic instruments must be purchased). *Credit: 3 semester hours.* (Q, SI, O)

EDU 3241 Multi-sensory Approach to Language Learning and Phonics Instruction Part I

Study of the underlying principles of the Orton-Gillingham Approach with an emphasis on the structure of language. Part I also includes the study of the dyslexic learner. Course requires specialized manuals and diagnostic instruments—Cost approximately \$300. *Note: If you wish to receive certification from the Orton Academy you must take both EDU 3241 and EDU 3242 and a 100 hour practicum over the course of both semesters. *Credit: 3 semester hours.* (Q)

EDU 3242 Multi-sensory Approach to Language Learning and Phonics Instruction Part II

(Prerequisite EDU 3241) Study of various diagnostic instruments, administration of relevant academic and diagnostic tests, and designing specific therapeutic interventions incorporating the principles of the Orton-Gillingham Approach Course requires specialized manuals and diagnostic instruments – Cost approximately \$300.00. *Note: If you wish to receive certification from the Orton Academy you must take both EDU 3241 and EDU 3242 and a 100 hour practicum over the course of both semesters. Credit: 3 semester hours. (Q)

EDU 3250 Practicum and Seminar in Literacy Instruction (Birth–Grade 6)

(Prerequisites EDU 3230 and EDU 3240) Students complete a supervised case study as a practicum component. Fifty hours of practicum experience of assessment procedures and teaching literacy to a student at the early childhood and childhood levels, (Birth–Grade 6). Credit: 3 semester hours. (Q, SI, O)

EDU 3255 Practicum and Seminar in Literacy Instruction (Grades 5–12)

(Prerequisites EDU 3230 and EDU 3240) Students complete a supervised case study as a practicum component. Fifty hours of practicum experience of assessment procedures and teaching literacy to a student at the adolescent or high school level, (Grades 5–12) Credit: 3 semester hours. (Q, SI, O)

EDU 3260 Emergent Literacy Within a Conconstructivist, Social Context

Review of theory, research, and related models of emergent literacy; examination of literacy behaviors and instructional procedures for young children. Credit: 3 semester hours. (Q)

EDU 3262 Individualizing Reading Instruction through Literature, Media and the Arts

Selection, evaluation and organization of alternative approaches to implement a program stressing individual needs; theories and techniques of individualization and classroom management procedures; emphasis on examination and critical analysis of materials and modes of utilization. Credit: 3 semester hours. (Q)

EDU 3264 Teaching Literacy through Literature (Birth through Grade 6)

Explores reading-writing connections, techniques and strategies that promote children's active construction of meaning through the use of quality literature. Credit: 3 semester hours. (Q, SI, O).

EDU 3265 Teaching Literacy through Literature (Grades 5–12)

Emphasizes reading and writing relationships, student cooperation, classroom management, literature discussion groups and circles and the writing process approach in responding actively to literature. Credit: 3 semester hours. (Q, SI, O)

EDU 3270 Theories of and Strategies for Teaching Literacy in the Content Areas

Presents theories of and teaching strategies for student literacy acquisition and development for both native English speakers and English language learners through the expository writing style. Credit: 3 semester hours. (Q, SI, O, M)

EDU 3274 Innovative Approaches to Thinking and Literacy Development for the Gifted Learner

Study of theories and models for developing and extending reading and writing for gifted and talented students through literature, poetry and content materials. Credit: 3 semester hours. (Q)

EDU 3278 Curriculum and Instructional Design for Teaching Literacy to Individuals with Exceptionalities B–12

Examines theories and models of how children with exceptionalities and diverse and at-risk students process oral and written language: discusses how to plan and implement specific programs that focus on emergent literacy, reading, and writing; included is focus on curriculum adaptation and design, teaching strategies and monitoring techniques. (Field work required). Credit: 3 semester hours. (Q, SI)

EDU 3282 Models and Process of Reading and Writing Acquisition and Competency

Open to students in advanced or doctoral programs. Course designed to help students explore in-depth the theoretical models of reading and writing processes. Credit: 3 semester hours. (Q)

EDU 3285 Research Perspective in Literacy

Open to student in advanced or doctoral programs. Helps students explore the classical and current quantitative and qualitative research in the field of reading/literacy education. Credit: 3 semester hours. (Q)

EDU 3290 Analysis of Current Topics of Literacy

Open to students in advanced or doctoral programs. Course analyzes current issues and design approaches in literacy theory and practice. Credit: 3 semester hours. (Q)

EDU 3925 Maintaining Matriculation

Master's students not registered for other courses must register for 3925 until all degree requirements are completed and the degree is granted. No credit. Fee: \$50 per semester. Offered each semester.

EDU 5410/7410: Leadership in Comprehending Factors Involved in the Development of Talent

This course examines the identification of gifted and talented students and factors involved with the development of their talents. Multiple criteria are illustrated in the identification process and special emphasis is placed on minority issues. This course is designed to satisfy NY State and NY City license extensions for teaching gifted students. Credits: 3 (DL)

EDU 5411/7411: Administering, Organizing and Developing Program Alternatives for Gifted and Talented Students

This course concerns the 14–16 school-based alternatives that have proven effective for gifted and talented students. This course also deals with special problems associated with gifted programs including evaluation, tracking, cooperative learning, and gender/minority equity. This course is designed to satisfy NY State and NY City license extensions for teaching gifted students. Credits: 3 (DL)

EDU 5102 Planned Change in Education

Change theory in its applications to educational improvement; considers multidimensional assessment and other antecedents to change, change processes, and consequences to structures and functions of educational institutions. Credit: 3 semester hours.

EDU 5103 Educational Governance and Policy Issues

An analysis of the school community context in considering board policies and the development of working relationships with community members setting considering standards, accountability, pressure groups, and political ideologies; the interaction of the school system and its political environment in the development of policy. Credit: 3 semester hours.

EDU 5104 School Personnel Administration

Issues in the recruitment, training, supervision, evaluation, and effective deployment of professional and non-professional school employees. Credit: 3 semester hours.

EDU 5105 Multicultural Social Organizations

Considers the collaboration of school student, family, and community resources in the development of diverse views on schooling. Credit: 3 semester hours.

EDU 5106 Leadership Values and Decision Making

This course focuses on developing decision management strategies that accommodate values in questions of school operations, curriculum, instruction, staffing, and relate school performance questions. Credit: 3 semester hours.

EDU 5415 Introduction to Educational Administration

The introductory course in school administration encompasses school operations, community relations, negotiations, and interorganizational relationships. Credit: 3 semester hours.

EDU 5418 Administrative Theory in Education

The first course in administrative theory analyzes the school context as organizational behavior including structural, motivational, cultural, leadership, and decisional aspects. Credit: 3 semester hours.

EDU 5419 Advanced Theory in Education

The second course in theoretical perspectives closely considers a small number of theories to give practitioners access to the research literature of the field and to frame problems as researchable questions. Requires EDU 5418 as a prerequisite. *Credit: 3 semester hours.*

EDU 5420 Politics of Education

Analysis of political powers and authority that influence the structure and function of schools. The first course in politics focuses on the micropolitics of the school and its immediate social and political environment. *Credit: 3 semester hours.*

EDU 5471 Leadership in Instructional Supervision

The general course in supervision considers structural and professional coordination of instruction, formative and summative evaluation, staff development, instructional technology, and general theories of supervision, instruction, and curriculum from the perspective of administration. *Credit: 3 semester hours.*

EDU 5475 Administrative and Supervisory Strategies for Implementing and Evaluating Learning Styles Programs

This course is designed to develop administrative and supervisory skills for implementing and evaluating learning-styles programs. It focuses directly on research concerning the diversity of styles among students and teachers and the results of learning-styles-based instruction, and suggests practical supervisory approaches. *Credit: 3 semester hours.*

EDU 5499 Summer Intensive: General Review and Exam Preparations

A thorough review of administrative principles and practices emphasized on the State licensing examination. *Credit: 3 semester hours.*

EDU 5551 Organization and Administration of Higher Education

An examination of the basic aspects of college and university organization including the background, development, goals and functions of public and private colleges and universities; the legal status, boards of control, state and local controls, professional associations and accreditations. *Credit: 3 semester hours.*

EDU 5552 Issues and Problems in the Administration of Higher Education

This course provides a unique opportunity to examine and discuss selected current and pertinent issues and significant problems in the administration of higher education through a study of relevant topics including the following: governance and control of higher education. *Credit: 3 semester hours.*

EDU 5571 Administrative Leadership

The course focuses on the administrative role of building principal in developing a successful context for the improvement of instructional performance in cognitive and affective dimensions as well as effective day-to-day operational practices of the school. *Credit: 3 semester hours.*

EDU 5599 Summer Intensive: General Review and Exam Preparation

A thorough review of administrative principles and practices emphasized on the State licensing examination. *Credit: 3 semester hours.*

EDU 5632 Organization and Administration of the Elementary and Secondary School

Emphasizes the connection of organizational structures and administrative practices to the presentation of curriculum and instructional performance. *Credit: 3 semester hours.*

EDU 5650 School Based Data Analysis

This course provides an introduction to using an evidence based approach to inform decision making in the school. Students will learn to identify problems, formulate research questions, and to identify and collect relevant data. Students will use SPSS and Excel to organize information, develop databases, and conduct and interpret basic statistical analyses. *Credit: 3 semester hours.*

EDU 5651 School Community Relations in Education

This course will investigate the complexities of dealing with many levels of community as it relates to schools. Students will examine selected methods of community analysis and focuses on strategies and techniques designed to improve the relationships with the school community as well as between systems and their respective communities. *Credit: 3 semester hours.*

EDU 5655/7665 Educational Research and Data Analysis I

Prerequisite: EDU 5650 or the professor's permission. This course provides an introduction to the principles of statistical inquiry and their application to educational problems. Students will formulate research questions and hypotheses and use descriptive and inferential statistics to investigate the research reports summarizing and interpreting results of the analyses. *Credit: 3 semester hours.*

EDU 5701 Theories of Learning

The basic course in curriculum and administrative perspective focuses on school support of diverse approaches to teaching and student learning, program evaluation, analysis of current practices, and prescriptive responses to teaching and learning. *Credit: 3 semester hours.*

EDU 5721 Collective Negotiations

Collaborative decision making and bargaining to provide an effective instructional and working environment. *Credit: 3 semester hours.*

EDU 5741 Finance in Education

Establishment and management of district budget and finances to support achievement of educational goals and facilities development. *Credit: 3 semester hours.*

EDU 5761 School-Based Business Administration for Administrators and Supervisors

At the school-site level, considers human, financial, and general resource allocation and application to instructional processes. *Credit: 3 semester hours.*

EDU 5791 Legal Aspects and Administration of Schools

This course considers the general legal context of local school administration as informed by federal and state law and precedent, policy decisions, and conflicts arising from competing school interests. *Credit: 3 semester hours.*

EDU 5795 Student and Teacher Rights in Administration of Schools

Analysis is made of appropriate provisions of state and federal constitutions, statutes, case law and administrative rulings concerning student and teacher rights. Legal issues of professional relevance to classroom teachers and supervisors are studied. *Credit: 3 semester hours.*

EDU 5800 Case Studies

This capstone course in case studies considers a variety of approaches to decision making in schools with special attention given to administrative decision making and models of shared decision making; students analyze cases, write, and present cases; school data will help develop case analyses. *Credit: 3 semester hours.*

EDU 5811 Administration and Supervision of Special Education Services and Compensatory Reading Programs and No Child Left Behind

Reviews specific goals, policies, procedures, and responsibilities to meet student needs and statutory requirements dealing with programs serving special populations and reading services. *Credit: 3 semester hours.*

EDU 5925 Maintaining Matriculation

Master's degree students not registered for other courses must register for 5925 until all degree requirements are completed and the degree is granted. *No credit. Fee \$50 per semester. Offered each semester.*

EDU 5935 Maintaining Matriculation

Professional Diploma students not registered for other courses must register for 5935 until all degree requirements are completed and the degree is granted. *No credit. Fee \$50 per semester. Offered each semester.*

EDU 5940 Maintaining Matriculation

Doctoral students who have NOT passed their comprehensive examinations and are NOT registered for other courses must register for 5925 until all degree requirements are completed and the degree is granted. *No credit. Fee \$50 per semester. Offered each semester.*

EDU 5950 Internship

Practice at the building level in resolving questions of coordination, meditations, and resource allocation dealing with individual schools and their settings.

Credit: 3 semester hours.

EDU 5951 District Internship

Practice at the district level in resolving questions of community involvement, staffing problems, instructional applications and monitoring, staff and program development, and financial issues. *Credit: 3 semester hours.*

EDU 5952: Internship

Practicum in resolving questions of coordination, meditations, and resource allocation dealing with individual schools and their settings, and at the district level in resolving questions of community involvement, staffing problems, instructional applications and monitoring, staff and program development, and financial issues. *Credit: 6 semester hours.*

EDU 5990: Doctoral Research Seminar

Students who have passed the doctoral comprehensive examination and completed all course work requirements register for Research Seminar for 3 credits for each semester until the dissertation is completed and the degree is awarded. *Credit: 3 semester hours.* Offered each semester.

EDU 6100 Psychology of Women: Implications for Counseling and Career Development

This course encompasses the psychology of women including special concerns for counseling women in educational, personal, marital, vocational and sex equity areas.

Credit: 3 semester hours. (Q)

EDU 6120 Counseling Issues for Effective Parenting

This course is designed to help counselors work cooperatively with parents and/or guardians to develop effective home-school or agency partnerships on critical parenting issues in diverse cultures. *Credit: 3 semester hours. (Q)*

EDU 6122 Orientation to Multicultural School Counseling

This course is designed for beginning school counseling students and provides an orientation to the profession, addresses ethical and legal standards and practices, technology, and current research. *Credit: 3 semester hours. (Q, SI)*

EDU 6204 Adjustment to Disabling Conditions

This course examines the sociological and psychological impact of disability upon persons with disabilities and their families.

Credit: 3 semester hours. (Q, SI, D)

EDU 6205 Group Dynamics

This course focuses on the small group, including goal setting, group pressure, leadership factors and member roles. Group process is learned as students participate in a personal growth group as a part of the course.

Credit: 3 semester hours. (Q, SI)

EDU 6206 Psychosocial Development: A Multicultural Perspective

This course focuses on psychosocial factors involved in understanding individuals across the lifespan in many cultures and subcultures.

Credit: 3 semester hours. (Q, SI)

EDU 6208 Counseling and Personality Theories

This course reviews the major theories of personality, analyzes their similarities and differences, and relates these theories to counseling techniques. *Credit: 3 semester hours. (Q, SI)*

EDU 6243 Legal Issues in Counseling

The law, including legislative enactments and court decisions related to counseling and student personnel services and administrative policies, are the major focus of this course.

Credit: 3 semester hours. (Q)

EDU 6262 Psychological Testing

This course involves the study of psychological testing with emphasis on reliability, validity and use of various psychometric instruments.

Credit: 3 semester hours. (Q, SI)

EDU 6264 Counseling Skills and Techniques

This is the introductory course in the essential process of counseling through the use of counseling transcripts, tapes, micro-counseling and role-playing techniques. *Credit: 3 semester hours. (Q, SI)*

EDU 6267 Practicum in Group Counseling

Prerequisites: Completion of core courses and 6305. Students must file application with program advisor the semester prior to enrollment in the practicum. This course provides experience in theories, procedures, and research in-group counseling. *Credit: 3 semester hours. (Q, SI)*

EDU 6268 Practicum in Group Counseling with Bilingual Students

The prerequisites and course description are the same as 6267, except that candidates meet regularly with small groups of bilingual/bicultural students. (Q)

EDU 6301 Career Development

Prerequisites: 6203 or 6204; 6262. Career development focuses on the tools and techniques that counselors utilize in order to assist individuals in developing educational and vocational plans. *Credit: 3 semester hours. (Q, SI, D)*

EDU 6302 Practicum in Rehabilitation Counseling

Prerequisites: Completion of core and specialization courses. Student must file application with program advisor the semester prior to enrollment in practicum. This course is designed to provide the advanced master's level student with a practical laboratory experience in rehabilitation counseling, including vocational adjustment and placement of individuals with disabling conditions.

Credit: 3 semester hours. (Q, SI)

EDU 6305 Practicum in School Counseling

Prerequisites: Completion of core courses.

Student must file application with program advisor the semester prior to enrollment in practicum. This course is designed to provide advanced students with clinical experiences in school counseling. *Credit: 3 semester hours. (Q, SI)*

EDU 6306 Practicum in School Counseling with Bilingual Students

The prerequisites and course description are the same as 6305, except that candidates meet regularly with individual bilingual/bicultural students in a multicultural school setting.

Credit: 3 semester hours. (Q)

EDU 6307 Research in Counseling

This introductory course in counseling research focuses on the major types of research and the critical issues in the professional literature.

Credit: 3 semester hours. (Q, SI, D)

EDU 6364 Counseling the Substance Abuser

This course addresses the biological, psychological and sociological factors related to use of alcohol and drugs. *Credit: 3 semester hours. (Q, D)*

6421 Psychology of Vocational Adjustment

Prerequisite: 6301. Study of human behavior in the social milieu from psychological, sociological, anthropological, economic and political resources relative to vocational development and adjustment. *Credit: 3 semester hours. (Q, SI)*

EDU 6424 Case Studies and Community Resources in Counseling

Prerequisites: 6203 or 6204; and 6208, 6264, 6262, 6301. This course addresses the dynamics of counseling clients with a variety of developmental and crises type problems and looks at the community resources available to address these problems. *Credit: 3 semester hours. (Q, SI)*

EDU 6425 Rehabilitation Counseling

An introductory course designed to study the historical antecedents, philosophy of rehabilitation, the psychological implications of disabilities, and the reactions of individuals to their disability status. *Credit: 3 semester hours. (Q, SI, D)*

EDU 6435 Medical and Psychosocial Aspects of Disability

This course covers the effects of chronic diseases and debilitating conditions, the psychosocial impact of these conditions, and appropriate counseling interventions for facilitating adjustment. *Credit: 3 semester hours. (Q, SI, D)*

EDU 6455 Directed Study in Counselor Education

Prerequisite: Permission of the Advisor and the Program Coordinator. Directed study in an area of competence relevant to the student's counseling program. Student works with an advisor to develop an appropriate study plan.

Credit: 3 semester hours. (Q)

EDU 6463 Marital and Family Counseling

This course provides an introduction to the field of marriage and family counseling with major emphasis given to systems approaches. *Credit: 3 semester hours.* (Q, SI)

EDU 6565 Vocational Development and Job Placement

Prerequisites: 6208, 6264, 6301, 6425. This course focuses on knowledge and skills necessary to provide comprehensive placement services for persons with disabilities. *Credit: 3 semester hours.* (Q, SI)

EDU 6471 Psychopathology

Prerequisites: Completion of Core Courses. This course provides a study of psychology, abnormal behavior, and the nature and origin of behavioral abnormalities. *Credit: 3 semester hours.* (Q)

EDU 6501; 6502 Internship in Rehabilitation Counseling I, II

Prerequisite: Permission of the Program Coordinator. Students must consult with an advisor and file an application the semester prior to enrollment to the internship.) Candidates are supervised in selected rehabilitation settings under the direction of a certified rehabilitation counselor faculty coordinator. 300 field hours are required for three semester credits. (Q, SI)

EDU 6530 Counseling in Multicultural Settings

This course is designed to increase students' understanding of and ability to successfully counsel individuals living in a multicultural society. *Credit: 3 semester hours.* (Q)

EDU 6563 Marriage and Family Counseling, Advanced

Prerequisite: 6463. A didactic-experiential course for advanced students to examine major approaches used in marriage and family counseling. *Credit: 3 semester hours.* (Q)

EDU 6590; 6591 Internship in School Counseling I, II

Prerequisite: Permission of the Program Coordinator. Students must consult with an advisor and file an application the semester prior to enrollment in the internship. Students are supervised in selected schools under the direction of a permanently certified guidance counselor in the school and a faculty coordinator at the University. *Credit: 3–6 semester hours.* (Q, SI)

EDU 6592; 6593 Internship in Bilingual School Counseling I, II

The prerequisites and course description are the same as 6590 and 6591, except that the field site is a multicultural school and the candidate works primarily with bilingual/bicultural students. *Credit 3–6 semester hours.* (Q)

EDU 6595 Organization and Administration of Personnel Services

This course focuses on techniques, problems, and duties of each member of the personnel team. *Credit: 3 semester hours.* (Q, SI)

EDU 6606 and 6607 Supervision of Counseling

Prerequisites: Completion of master's program in counseling. Adequate experience as a practitioner. Permission of the Program Coordinator. This course involves the evaluation and critique of counseling procedures through actual supervision of counselor trainees. *Credit: 3 – 6 semester hours.* (Q)

EDU 6610 Spiritual Issues in Counseling

The tenets of major religious and spiritual identifications and practices, and their impact on counseling will be explored. It will alert student to biases, stereotypical thinking, diversity, and taboos in some religious and spiritual practices. *Credit: 3 semester hours.* (Q)

EDU 6650 Consultation and Evaluation

Prerequisite: Completion of 36-credit program in counseling. This course is designed to provide theory and practice in consultation with counselors who are employed in a variety of counseling related settings. *Credit: 3 semester hours.* (Q, SI)

EDU 6925 Maintaining Matriculation

Master's students not registered for other courses must register for 6925 until all degree requirements are completed and the degree is granted. *No credit. Fee: \$50. Offered each semester.* (Q, SI)

EDU 6935 Maintaining Matriculation

Professional Diploma students who have not registered for other courses must register for 6935 until all diploma requirements are completed and the diploma is granted. *No credit. Fee: \$50. Offered each semester.* (Q, SI)

EDU 7000 Sociological/Psychological Foundations of Learning

This course provides a comprehensive and balanced coverage of the theories and basic concepts of human growth and development from birth through adolescence. Sociohistorical, critical ecological, multicultural feminist analyses are provided. *Credit: 3 semester hours.* (Q, SI)

EDU 7001 Curriculum and Instruction

Basic theories and principles of curriculum and instruction; emphasis on developing and designing a curriculum plan, as well as historical, philosophical, and social foundations of curriculum.

EDU 7003 Current Issues and Change Theory in Curriculum

Controversial issues related to teaching, learning supervision and curriculum change; essential of knowledge that shapes a person's philosophy of curriculum. *Credit: 3 semester hours.*

EDU 7004 Essential Readings in Curriculum in the 20th Century

Important books of the 20th century, which have shaped curriculum. Includes the primary works authored by liberal and conservative thinkers including Dewey and Counts on the Left and Adler and Hirsch on the Right. Ideal for the reflective student. *Credit: 3 semester hours.*

EDU 7107 Methods and Strategies for Teaching Regular and Special Needs Middle School Students

The primary objective of this course is to provide teachers with exemplary teaching practices that are research-based and proven effective in middle schools and also to develop teaching units that are standards-based. *Credit: 3 semester hours.* (Q)

EDU 7114 Early Childhood Education Associate Teaching

Prerequisite: Completion of pedagogical coursework (36 cr.) and permission of the Graduate Committee on Associate Teaching. Observation and participation in teaching in an early childhood school under University supervision at both the Pre-K and the grades 1–2 levels, 4-1/2 days per week. Attendance at weekly seminars is required. *Credit: 3 semester hours.* (Q, SI)

EDU 7115 Childhood Associate Teaching

Prerequisite: Completion of pedagogical coursework (39 cr.) and permission of the Graduate Committee on Associate Teaching. Observation and participation in teaching in an approved elementary school under University supervision at both the primary (1–3) and elementary levels, 4-1/2 days per week. Attendance at weekly seminars required. *Credit: 3 semester hours.* (Q, SI)

EDU 7117 Adolescent Education Associate Teaching: Play, Social Learning in Early Childhood Environments

Prerequisite: Completion of pedagogical coursework and permission of the Graduate Committee on Associate Teaching) Observation and participation in teaching in an approved school under University supervision at both the grades 7–9 and the 10–12 levels, 4-1/2 days per week. Attendance at weekly seminars required. *Credit: 3 semester hours.* (Q)

EDU 7120 Individualization: Diagnosing Students' Instructional Needs

The development of diagnostic skills to analyze individual learning styles and to then develop instructional prescriptions on the basis of that data. *Credit: 3 semester hours.* (Q, SI)

EDU 7122 – Programs in Early Childhood Education: Play, Social Learning in Early Childhood Environments*

This course examines historical and current perspectives on the role of play in children's development and learning in all domains, cognitive, linguistic, physical, emotional, social, and aesthetic. (Fieldwork required.) *Credit: 3 semester hours.* (Q)

EDU 7123 Creative Arts in Linguistically/Culturally Diverse and Inclusive Early Childhood Settings

Through workshop experiences, readings, and reflection, students become familiar with process-oriented approaches to young children's creativity in the arts and with rationales for infusing creative arts into curriculum. (Fieldwork required.) *Credit: 3 semester hours.* (Q)

EDU 7124 Literature in Early Childhood Education

This course explores the important role of literature in developing young children's oral language and literacy in relation to current early childhood performance standards in the language arts. *Credit: 3 semester hours. (Q)*

EDU 7126 Observing and Recording the Behavior of Young Children in Early Childhood Settings

This course explores the reasons for and methods of observing young children and teacher-child interaction in diverse early educational settings. (Fieldwork required.) *Credit: 3 semester hours. (Q)*

EDU 7127 School, Family and Community Partnerships for Early Childhood Professionals

This course takes an ecological perspective on supporting children's learning and development through strengthening positive links between school, family, and community. *Credit: 3 semester hours. (Q)*

EDU 7128 Integrated Curriculum in Early Childhood

Students learn to design and implement curriculum that builds on children's prior knowledge to address state learning standards in social studies, language arts, science and mathematics. (Fieldwork required.) *Credit: 3 semester hours. (Q)*

EDU 7129 Mathematics and Science in Early Childhood

In this course, students explore the teaching and learning of scientific and mathematical concepts and processes through content of relevance and interest to children, Pre-K through second grade. *Credit: 3 semester hours. (Q)*

EDU 7135 Current Trends and Research in the Teaching of Social Studies

Current practices and trends; an examination of selected innovative programs and the development of skills and techniques for social studies instructions. (Fieldwork required.) *Credit: 3 semester hours. (Q, SI)*

EDU 7136 Current Trends and Research in the Teaching of Science

Current practices, trends and examination of selected innovative programs and the development of skills and techniques for instruction in science. (Fieldwork required.) *Credit: 3 semester hours. (Q, SI)*

EDU 7137 Current Trends and Research in the Teaching of Mathematics

An examination of the present-day curriculum in elementary school mathematics in addition to current practices and trends with emphasis on the content of modern mathematics. Fieldwork required. *Credit: 3 semester hours. (Q, SI)*

EDU 7138 Current Trends and Research in the Teaching of Language Arts

Current practices and trends; examination of selected innovative programs and the development of skills and techniques for language arts instruction. *Credit: 3 semester hours. (Q, SI)*

EDU 7195 Teaching and Learning: Childhood

This course is designed to provide prospective teachers of elementary school students with focused knowledge of learning and development as they relate to teaching strategies and techniques. (Fieldwork required.) *Credit: 3 semester hours. (Q, SI)*

EDU 7211 Educational Research and Data Analysis II

This course extends the study of statistical inquiry begun in EDU 5655. It will address more advanced univariate statistical methods, principles of measurement, power analysis and effect size. Students will learn to use techniques such as multiple correlation/regression and the analysis of variance and covariance to analyze and interpret the results of experimental and on-experimental studies. *Prerequisite: 5655. Credit: 3 semester hours.*

EDU 7217 Creating Basic Audiovisual Media (CF.LIS 217)

Creation and evaluation of multi-media programs for all libraries. Independent projects will require additional laboratory time. *Credit: 3 semester hours. Field trip may be required. Library Science fee: \$25.*

EDU 7222 Historical Perspectives and Current Trends in Curriculum Development

This course focuses upon current issues and problems within the field of curriculum. The course examines conceptions of curriculum as well as historical, philosophical, social, and intellectual foundations of those conceptions. *Credit: 3 semester hours. (Q, SI)*

EDU 7232 Individualization: Prescribing for Student Learning Styles

The development of process skills for individualizing instruction and prescriptive skills for designing and implementing Contract Activity Packages and small group instructional techniques. *Credit: 3 semester hours. (Q, SI)*

EDU 7238 Designing Innovative Instructional Materials

Prerequisite: 7232. The design and development of innovative instructional materials for individualizing instruction. Included are the creation of and research with tactical and kinesthetic instructional materials, contract activity packages, programmed learning sequences and multisensory instructional packages. The similarities and differences are examined and field-tested in school-related instructional situations. *Credit: 3 semester hours.*

EDU 7266 Technology for Teaching Literacy Applications in Regular and Special Education Settings

Technology utilization for literacy-based instruction. Emphasis is placed on the ways that technology can be used in the classroom to acquire information, communicate, and enhance learning in grades Pre K–5. *Credit: 3 semester hours. (Q, SI)*

EDU 7267 Technology for Literacy-Based Applications in Content Area Learning in Regular and Special Education Settings

Technology utilization for literacy-based instruction in the content areas. Emphasis is placed on the ways that technology can be used to acquire information, communicate, and enhance learning in grades 6–12. *Credit: 3 semester hours. (Q)*

EDU 7290 Human Relations in Inclusive Settings

The course will focus on improving communication skills and relationships with parents, students, administrators, and members of the community in a multicultural society. *Credit: 3 semester hours. (Q, SI)*

EDU 7295 Teaching and Learning Adolescent

This course involves planning for instruction with a view toward differentiated instructional strategies for all students in the several content areas, paying special attention to current standards. *Credit: 3 semester hours. (Q)*

EDU 7319 Approaches, Strategies and Materials for Literacy Development

Study of various approaches to reading instruction; analysis of strengths and weaknesses of each mode; classroom grouping and management procedures for reading instruction. *Credit: 3 semester hours. (Q, SI)*

EDU 7334 School Media Centers (Cf. LIS 234)

Introduction to the organization and functions of school media centers. Discussion of the educational setting, program relationships within the school and the community, finances and budgeting, staffing, services and program planning. Emphasized are operations of the building level media program. *Credit: 3 semester hours. Field trip required.*

EDU 7399 Field Research in Reading and Learning

This course serves as a combined seminar and practicum in which a variety of approaches to teaching students to read are explored and field-tested. Students are required to use previous research as the basis for the development of experimental study focuses on the application of varied reading ideologies for students with diverse learning styles and to submit their findings in a manuscript for publication. *Credit: 3 semester hours.*

EDU 7410 Identification of the Gifted and Talented

This course includes multiple instruments, interviews, observational procedures and performance tests to identify the gifted and talented.

Credit: 3 semester hours. (Q, SI)

EDU 7411 Introduction to Designing Programs, Curriculum and Materials for the Gifted and Talented

Identification and design of appropriate programs, curriculum and materials for gifted and talented groups to permit knowledgeable access and developing skills for teachers of these students. *Credit: 3 semester hours. (Q, SI)*

EDU 7412 Teaching Creative Thinking and Problem Solving to Gifted and Talented Students

This course responds to immediate and long-range needs of gifted students by promoting the achievement of basic skills and experience in creative thinking and problem solving.

Credit: 3 semester hours. (Q, SI)

EDU 7440 Designing, Implementing and Evaluating In-Service Programs

This course examines, through reading and discussion of current research and literature, characteristics as well as theoretical frameworks of effective in-service design processes. Models of effective in-service programs are analyzed and adapted to address students' educational needs and settings. *Credit: 3 semester hours.*

EDU 7550 Internship Seminar in Instructional Leadership

The internship application form and proposed program must be submitted to the Coordinator of the Internship Program, Division of Administrative and Instructional Leadership, St. John's University at least two month prior to the session in which the applicant plans to carry out his/her internship.

Credit: 3 semester hours.

EDU 7555 Planning for Curriculum Development in Secondary Schools

Theories of learning and relevant research; study of the curriculum decision-making process; research evaluation and practice concerning operational aspect of educational objectives; behavioral analysis of educational tasks. *Credit: 3 semester hours.*

EDU 7579 Observational Analysis for Teachers

Macro-and micro-analysis of teaching through the use of affective, cognitive, verbal and non-verbal observational systems.

Credit: 3 semester hours.

EDU 7580 Analysis of Teaching and Educational Process

The relationships that exist between instructional objectives and teaching behavior; applications of human development and learning concepts as they relate to specialized teaching methods and materials. Research results and selected generic theories of teaching behavior are used to extend the teacher's concept of the teaching-learning process.

Credit: 3 semester hours.

EDU 7585 Assessment and Evaluation (formerly 7297,7298)

This course focuses on formal and informal means of assessing students' learning and the teacher's analysis and improvement of his/her own practice through connecting this process with the relevant research.

Credit: 3 semester hours. (Q, SI)

EDU 7590 Communications and Human Relations

The educational implications of prejudice and sexism are examined as well as the development of skills necessary to identify needs of adolescents; training for group facilitating related to the classroom and the development of communication skills are also discussed.

Credit: 3 semester hours.

EDU 7665 Computers: Programming and Applications in Management and Education

An overview of administrative and instructional uses of the computer in educational settings.

This course is designed to help school personnel (teachers, administrators, curriculum specialists and school board members) make decisions about the future use of computers in education. The course provides a systematic way of mapping curriculum usage in technology: selecting software, selecting hardware, developing materials and then implementing the chosen material. *Credit: 3 semester hours.*

EDU 7666 Advanced Technology in Education

Prerequisite: permission of instructor. Recent advances in technology are examined in terms of research implications and classroom applications. Included are the study and creation of interactive multimedia reports.

Credit: 3 semester hours. (Q, SI)

EDU 7668 Computer Technology in Education

This course considers the three ways in which computers can be used in instruction; as tutors, tools, or tutees. Examples of each of these uses are examined in terms of the theories of learning and curriculum implicit in each. Authoring systems, which allow teachers to design computer-assisted instruction, are used.

Credit: 3 semester hours.

EDU 7701 Research and Development in Innovative Instructional Strategies (K-adult)

Research in and development of diagnostic skills to analyze individual learning styles and the subsequent designing of instructional prescriptions based on each student's unique characteristics. *Credit: 3 semester hours.*

EDU 7702 Innovative Strategies in Secondary Settings

This course provides an overview to traditional structures, strategies and styles and examines these in the light of current research concerning key trends and practices today. Fieldwork required. *Credit: 3 semester hours. (Q)*

EDU 7703 Analysis of Alternative Innovative Strategies

The purpose of this course is to examine educational alternatives through historical, sociological and philosophical analyses of schools and education. Study of the origin, the characteristics and the current directions of educational alternatives provide the framework for this course. *Credit: 3 semester hours. (Q)*

EDU 7708 Program Evaluation

This course provides students with theories and tools to evaluate educational programs. Both formative and summative evaluation techniques are discussed. It also includes information on grant-writing, seeking funding sources, and preparing applications.

Credit: 3 semester hours.

EDU 7712 Change Theory and the Curriculum

The purpose of this module is to help the students enrolled to better understand the organization of schools and systems and to suggest ways curriculum specialists can bring about educational change in a systematic and planned way. Curriculum change strategies and tactics based upon recently developed scientific knowledge, concepts, and theory are considered. *Credit: 3 semester hours.*

EDU 7715 Issues in Curriculum: Theory and Development

This course reviews the historical evolution of curriculum as a field as well as the works of those who have contributed to this evolution. Traditional as well as contemporary conceptions of curriculum theory, design, and development are compared.

Credit: 3 semester hours.

EDU 7800 Multivariate Data Analysis

Prerequisite: EDU 5655 and 7211. This course examines advanced research and statistical design approaches, including multivariate analysis, multiple regression, causal modeling, factor analysis, multiple regression, causal modeling, factor analysis, instrument validity and reliability analysis and meta-analysis.

Credit: 3 semester hours.

EDU 7890 Independent Study

Prerequisite: Permission and approval of Chairperson is required. Open to only qualified students who wish to pursue and advanced research project in a curriculum or teaching area under staff supervision. This course may be repeated for credit with the permission of the Chair. *Credit: 3 semester hours.* (Q, SI)

EDU 7900 Qualitative Research: Methodology and Analysis

This course focuses on a variety of qualitative approaches to discipline and inquiry that can be brought to bear on the problems in education and also examines underlying theoretical frameworks of these approaches. The course provides opportunities for students to develop knowledge and skills in the various qualitative techniques and methods.

Credit: 3 semester hours.

EDU 7901 Educational Research and Data Analysis III

Prerequisites: 5655 and 7211. This course advances the principles and concepts developed in EDU 5655 and EDU 7211. The course will include instrument development, data collection strategies, and advanced data analysis techniques using statistical software.

Credit: 3 semester hours.

EDU 7925 Maintaining Matriculation

Master's degree students not registered for other courses must register for 7925 until all degree requirements are completed and the degree is granted. No credit. Fee: \$50 per semester. *Offered each semester.*

Credit: 3 semester hours. (Q, SI)

EDU 7935 Maintaining Matriculation

Professional Diploma students not registered for other courses must register for 7935 until all degree requirements are completed and the degree is granted. *No credit. Fee: \$50 per semester. Offered each semester.*

EDU 7940 Maintaining Matriculation

Doctoral students not registered for other courses must register for 7940 until all degree requirements are completed and the degree is granted. *No credit. Fee: \$50 per semester. Offered each semester.*

EDU 7990 Doctoral Research Seminar

Original research leading to the doctoral degree. Students who have passed the doctoral comprehensive examination and completed all course work requirement register for Research Seminar for three credits for each semester until the dissertation is completed and the degree is awarded.

Credit: 3 Semester hours.

EDU 9001 Foundations of Bilingual and Second Language Education

History, and legal/political underpinnings of American education with an emphasis on programs for linguistically diverse learners; examination of exemplary principles, policies, educational models, research, assessment and technology. *Credit: 3 semester hours.* (Q, O)

EDU 9002 Psychology and Sociology of Language and Bilingualism

Social and psychological aspects of bilingualism in the context of current theory and research on first and second language acquisition and use from birth through adolescence. (Five hours of field experience.)

Credit: 3 semester hours. (Q, O)

EDU 9003 Literacy Development for First and Second Language Learners

Provides students with theory and practice and necessary knowledge and skills for teaching literacy and language arts to monolingual and linguistically/culturally diverse learners. (Field work of 15 hours required.)

Credit: 3 semester hours. (Q, O)

EDU 9004 Content Area Instruction for Linguistically/Culturally Diverse Learners

Prepares students with the necessary skills for teaching science, mathematics, and social studies through English as a second language and, as a means for improving English language skills. (Field work of 15 hours required.)

Credit: 3 semester hours. (Q, O)

EDU 9005 Teaching English to Speakers of Other Languages: Theory and Practice

Survey of the theoretical and the practical aspects of teaching English to speakers of other languages for all age groups and language proficiency levels.

Credit: 3 semester hours. (Q, O)

EDU 9006 Human Development in Cross-Cultural Perspective

Presents a cross-cultural framework for the study of birth through adolescent development. Emphasis is placed on the effects of cultural, heritage characteristics, and socioeconomic levels. *Credit: 3 semester hours.* (Q, O)

EDU 9007 Teaching Strategies in the Bilingual Classroom: Reading and Language Arts

Provides students with the necessary knowledge and skills for teaching reading and the language arts in the native language of the pupils. *Credit: 3 semester hours.* (Q, O)

EDU 9009 Teaching Strategies in the ESL and Bilingual Classroom: Science, Mathematics and Social Studies

Prepares students with the necessary skills for teaching science, mathematics and social studies through English as a second language and as a means for improving English language skills. Fieldwork of 15 hours required.

Credit: 3 semester hours. (Q, O)

EDU 9010 (cf. EDU 9710) Linguistics for Teachers of English Language (ELL) and Exceptional Learners

An introduction to the fundamental principles of descriptive and theoretical linguistics and the application of linguistic analyses to the teaching of language. (Field work of five hours required.) *Credit: 3 semester hours.* (Q, O)

EDU 9012 Methods of Language and Academic Assessment for ELLs and Exceptional Learners

Methods for adapting and utilizing instruments to assess language proficiency and cultural learning in TESOL, bilingual education and exceptional learners with second language competencies. (Field work of ten hours required.) *Credit: 3 semester hours.* (Q, O)

EDU 9013 Research in Language, Culture and Communication

The purpose of this course is to help students become informed consumers of qualitative and quantitative research methods as they apply to TESOL and bilingual education. This course will provide a greater understanding of second language learning theories as well as enhance students' knowledge of educational research design and skill development to write a literature review that leads to a research question.

Credit: 3 semester hours. (Q, O, SI)

EDU 9014 Practicum and Seminar in TESOL

Open only to TESOL majors and prerequisite core courses needed. Observation and field-based teaching in elementary and secondary level TESOL classrooms, under University supervision. Attendance at a weekly on-campus seminar is required. Thesis is conducted based on independent research.

Credit: 3 semester hours. (Q, O)

EDU 9015 Structure of the English Language

Linguistic description and analysis of the major subsystems of present-day American English; phonology, morphology, and syntax. Analysis of major challenges in English grammar for ELLs. *Credit: 3 semester hours.* (Q)

EDU 9017 Literacy Development Methods for Dialect and Other English Speakers

This course examines the increasing number of speakers of diverse dialects of English and various World Englishes that teachers encounter in their classrooms, and their impact on language teaching and learning. *Credit: 3 semester hours.* (Q)

EDU 9025 Maintaining Matriculation

Master's students not registered for other courses must register for 9025 until all degree requirements are completed and the degree is granted. *No credit. Fee: \$50 per semester. Offered each semester.* (Q, SI, O)

EDU 9701 Practicum in Mildly/Moderately Handicapping Conditions

Prerequisites: A minimum of 24 semester hours in approved special education courses and permission of the instructor.

This course is open only to special education majors who have selected a concentration in mildly/moderately handicapping conditions. Students enrolled in the course are required to complete at least 150 documented contact hours with mildly/moderately handicapped children or youth in public or private school settings, clinics and hospitals. The course also includes a weekly seminar.

Credit: 3 semester hours.

EDU 9700 Research in Collaborative Partnerships and Strategic Instruction for General, Special and Inclusive Education: Childhood

This course shows students how to become informed consumers of qualitative and quantitative research methods as they apply to general, special and inclusive education. Research study will include examining techniques for promoting collaborative partnerships and strategic instruction in literacy and learning for general and special educators. Models of collaboration, theoretical approaches to school-based collaboration, and roles of members of interdisciplinary teams will be examined. *Credits: 3 semester hours.* (Q, SI, O, D)

EDU 9704 Research in Collaborative Partnerships and Strategic Instruction for General, Special and Inclusive Education: Adolescent

This course shows students how to become informed consumers of qualitative and quantitative research methods as they apply to general, special and inclusive education. Research study will include examining techniques for promoting collaborative partnerships and strategic instruction in literacy and learning for general and special educators. Models of collaboration, theoretical approaches to school-based collaboration, and roles of members of interdisciplinary teams will be examined. *Credits: 3 semester hours.* (Q, SI, O, and M)

EDU 9702 Practicum in Special Education: Childhood

Prerequisites: Core Special Education Courses and permission of instructor. In this combined practicum seminar course, participants will apply research on instructional strategies in educational settings. A minimum of 150 field hours is required. *Credit: 3 semester hours.* (Q, O, D)

EDU 9707 Planning and Managing Teaching and Learning Environments

Theories and practice for creating and managing environments that foster learning, acceptance, positive behaviors, and developing techniques for differentiated instruction. *(15 hours of field experience).*
Credit: 3 semester hours. (Q, O, D)

EDU 9710 (cf 9010) Linguistics for Teachers of English Language (ELL) and Exceptional Learners

An introduction to the fundamental principles of descriptive and theoretical linguistics and the application of linguistic analyses to the teaching of language are presented in this course. *Credit: 3 semester hours.* (Q, O)

EDU 9711: Education of Individuals with Exceptionalities

Presents an overview of issues, theory, and practice that impact families and students with disabilities, giftedness, English Language Learners, and children at risk for school failure. *Credit: 3 semester hours.* (Q, SI, O, D)

EDU 9712: Educational Assessment of Individuals with Exceptionalities

Centers on the diagnosis and evaluation of individuals with exceptionalities. Field experience of 20 hours with interviews, observations, and assessment procedures in school, clinic and/or community settings. *Credit: 3 semester hours.* (Q, SI, O, D)

EDU 9713: Cognitive Theories Applied to Special Populations

This course examines theoretical perspectives that have influenced regular and special education practices and how each theory has been applied in special education settings. *Credit: 3 semester hours.* (Q)

EDU 9716 Curriculum and Instructional Design for Teaching Literacy to Individuals with Exceptionalities: Childhood

Examines theories and models of how children with exceptionalities process and learn from the oral and written languages and ways to develop curriculum, material and instructional adaptations in literacy (field work required). *Credit: 3 semester hours.* (Q, O, D)

EDU 9718 Curriculum and Instructional Design for Individuals with Exceptionalities: Math, Science, Social Studies

Focuses on planning and implementing curriculum, material, and instructional programs in mathematics, social studies and science. Twenty hours of field experience required. *Credit: 3 semester hours.* (Q, O, D)

EDU 9719 Principles of Applied Behavior Analysis and Positive Behavioral Supports

This course familiarizes special education teachers with appropriate behavioral approaches and methods for the instruction and management of individuals with disabilities. *Credit: 3 semester hours.* (Q, O, D)

EDU 9720 Applications of Behavior Management Techniques

This course follows EDU 9719. Participants will learn practical applications of ABA techniques and will develop behavior management plans to apply in simulated and actual settings. (Field experience of 15 hours). *Credit: 3 semester hours.* (Q)

EDU 9737 Early Childhood Special Education

Provides and understanding of child development for young children with exceptional needs. Identification, assessment, and intervention strategies are presented. *Credit: 3 semester hours.* (Q)

EDU 9955 Maintaining Matriculation

Master's students not registered for other courses must register for EDU 9925 until all degree requirements are completed and the degree is granted. *No credit. Fee: \$50 per semester. Offered each semester.* (Q, SI)

For a complete listing of approved courses, please contact the Dean's office.

Jerrold Ross, Professor and Dean, B.S., New York University; M.S., Queens College, CUNY; Ph.D., New York University; D. Hum. (HON), Emerson College. Education, Arts Education, Administration and Assessment.

Zarif F. Baciliouss, Professor, B.S., Cairo University; M.A., P.D., Teachers College, Columbia University; Ph.D., New York University. Educational Administration, Organizational Theory, Instructional Supervision and Instructional Leadership, Research Design, Economic Development Through Education.

John D. Beach, Associate Professor, B.A., State University of New York; M.A., Binghamton University, State University of NY; M.S., C.W. Post Center; Ph.D., University at Albany, State University of New York. Literacy Education; Guided Reasoning For Higher Order Comprehension; Children's Literature and Literacy Development.

James S. Bethea, Assistant Professor, B.S., Mount Olive College; M.S., Boston University; Ph.D., The University of Iowa. Spirituality in Counseling; Students with Disabilities, Substance Abuse, and International Rehabilitation in Poor and Developing Countries.

Brett Elizabeth Blake, Associate Professor, B.A., State University of New York, Stony Brook; M.A., Northwestern University; Ph.D., University of Illinois. Socio-cultural dimensions of adolescent language and literacy development among urban and English-language learners; language acquisition; gender equity; curriculum reform in middle schools.

James R. Campbell, Professor, B.S., Fordham University; M.S., Syracuse University; Ph.D., New York University. Instructional Process and Analysis; Gifted Education.

Rosalba C. DelVecchio, Assistant Professor, B.A., College of Mt. St. Vincent; M.S., Iona College; P.D., Ed.D., Fordham University. School Leadership; Professional Development of Teachers and Administrators; International Education.

Rita Stafford Dunn, Professor, B.A., City College of New York; M.A., Hunter College; Ed.D., New York University. Curriculum and Teaching; Individualization Instruction; Teaching and Learning Styles.

Robert Eschenauer, Assistant Professor, B.A., St. Francis College; M.S., St. John's University; Ph.D., St. John's University; Adv. Certificate School Psychology, City College, Counselor Education; Assessment, Individual Counseling, Outcome Research, Therapeutic Communication, Clinical Hypnosis, Reflective Practice.

Rebekah Z. Fassler, Associate Professor of Education; B.A., McGill University; M.A., Columbia University; M.S., Bank St. College; Ed.D., Teachers College, Columbia University. Enhancing teachers' responsiveness to linguistically diverse student populations; teachers' concepts of Developmentally Appropriate Practices; integrated curriculum for young students at-risk; use of arts in enhancing literacy development.

Andrew D. Ferdinandi, Assistant Professor, B.S., M.S., P.D., Ed.D., St. John's University. Counselor Education; Working with Mental Illness and Dual Diagnosis Individuals; Assisting Troubled Teens with Substance Abuse and Truancy.

Grace Friedman, Assistant Professor, B.A., City College of New York; M.S., Bank Street College; Ed.D., Rutgers University. Teacher Development; Early Childhood and Elementary Education; Cross-Cultural and linguistic barriers to achievement, and Action Research.

Helen M. Garinger, Assistant Professor of Counselor Education, B.A., Syracuse University; M.A., Tufts University; Ed.M., Harvard University; Ph.D., University of Connecticut, Storrs. Adolescent bullying, with an emphasis on cyber bullying; social and emotional needs of the gifted.

Gene A. Geisert, Associate Professor, B.A., M.A., University of Toledo; Ph.D., University of Michigan. Educational Administration; Collective Negotiations; Computer Technology and Applications; Administrative Leadership.

James F. Gregory, Associate Professor, B.A., LaSalle College; M.Ed., University of Pittsburgh; Ed.D., Harvard University. Special Education; Demographics and Language/Reading Acquisition in Special Education.

Francine E. Guastello, Associate Professor, B.S., Sacred Heart University, Connecticut; M.S., E.D., St. John's University. Literacy; Exploring multi-sensory techniques for teaching dyslexic children and adults; Parental involvement in student academic success; Teaching the diverse learner in an inclusion setting.

Smita Guha, Assistant Professor, B.A., M.A. University of Calcutta; M.Ed., Ph.D. State University of NY at Buffalo. Assessment for Early Childhood Programs. Effective use of technology in classroom instruction.

Aliya E. Holmes, Assistant Professor, B.S., M.S., Ph.D., University of Albany. Teacher mentoring related to technology integration in the classroom, online learning, professional development.

Julie Hope Carter, Assistant Professor of Education, B.A., Bard College; Ed.M., Ph.D. State University New York, Buffalo. [Res]. Urban education, races, social class and sexuality issues.

Jonathan Hughes, Professor, B.A., Ithaca College, M.A.T. Harvard University, Ed.M., Columbia University-Columbia College, M.Phil., Ph.D., Professor of Education; School Business and Finance; Administrative Technology; Educational Governance; Data Analysis.

Ming-hui Li, Assistant Professor, B.A., Soochow University, Taipei, Taiwan; M.A., University of Colorado; Ed.D., Texas Tech University. Counselor Education; Stress and Self-Efficacy as Predictors of Coping; Counseling Socially Troubled Children and Parent-Child Relationships.

Mary Ann Maslak, Associate Professor, B.M.T., B.M.E., Shenandoah University; M.Ed., Ph.D., Pennsylvania State University. Gender Equity in Education; Social Mobility and Education; International and Comparative Education.

Patrick McCabe, Associate Professor, A.A.S., Bronx Community College; B.A., Hunter College, M.S.Ed., Herbert H. Lehman College, Ph.D., Hofstra University. Associate Professor of Literacy; Self-Efficacy in Literacy Learning.

Kevin McGuire, Professor, B.A. Long Island University; M.A. Long Island University; P.D., St. John's University; Ph.D. New York University. Educational Administration, Education School Business and Finance; Administrative Technology; Educational Governance Data Analysis.

Judith McVarish, Assistant Professor of Mathematics, B.S., Bridgewater College; M.Ed., Ph.D., Lesley University. Self evaluation, reflective journal writing in mathematics, Teacher/Administrator Voices re: Math Reform.

Paul Miller, Associate Professor, B.S., Ohio State University; M.S., Idaho State University; Ph.D., University of Utah. Educational Measurement, Measurement and Statistics Computer Technology, Instructional Design Decision-Making.

Regina Mistretta, Associate Professor, B.S., St. John's University; M.S., Brooklyn College; Ed.D., Teachers College at Columbia University. Mathematics Education in Elementary, Middle and Secondary School Levels, Professional Development 1-8, Technology Education in Mathematics.

Roxanne Mitchell, Assistant Professor, B.A., Oral Roberts University; M.S. Counseling Psychology; Northeastern State University; Ed.D. Educational Administration and Certificate in International Studies, Oklahoma State University, School climate, multicultural issues, the achievement gap, ethics and research methodology.

Deidre Mithaug, Associate Professor, B.A., University of Washington; M.A., M. Phil., Ph.D., Teachers College at Columbia University. Special Education; Self-Determination, Teacher Education, Research in Special Education.

Nancy Montgomery, Associate Professor, B.S., M.S., Indiana University; PhD., New York University. Adolescent Education; English/Literacy Education; especially the teaching of writing, writing with computers and cooperative learning; Arts Education.

Shondel J. Nero, Associate Professor, B.A., Concordia University, Canada; M.A., Ed.M., Ed.D., Teachers College at Columbia University. Bilingual Education and TESOL; English as a Second Language; Standard English as a second dialect; Socio-linguistics; General Linguistics; Caribbean Language and Culture.

Jeffery Olson, Associate Professor, B.A., University of Utah; J.D., University of Utah, College of Law; Ph.D., Stanford University. Educational Administration School Law, Economics and Finance in Schools and Higher Educational Institutions.

Allan Ornstein, Professor, B.A., City College of New York; M.A., Brooklyn College; M.A., Ed.D., New York University. Education Curriculum, Instruction and Teaching.

Rene S. Parmar, Professor, B.A., University of Jabalpur (India); M.Ed., Vanderbilt University; Ph.D., University of North Texas. Educational Evaluation, Mathematics for Students with Learning Disabilities, Educational Assessment, Evaluation.

Barbara Peltzman, Associate Professor, B.S., Mills College; M.S., St. John's University; Ed.D., Columbia University School General Studies.

Yvonne K. Pratt-Johnson, Professor, B.A., State University of New York at Stony Brook; M.S., Georgetown University; M.A., M.Ed., Ed.D., Teachers College at Columbia University. Bilingual Education and TESOL; Literacy Development Among Second Language Learners; Jamaican Creole/Educating Creole-Speaking Students in American Schools.

Peter Quinn, Associate Professor, B.A., Boston College; M.Ed., Salem State College; Ed.D., University of Massachusetts.

Joanne Robertson, Assistant Professor, B.S., St. John's University; M.S., Long Island University; C.W. Post; Ed.D., Hofstra University. Early Literacy Education; Emergent literacy, language acquisition and literacy learning styles of young children.

Deborah Saldana, Associate Professor, B.P.S., Pace University; M.S., Ed.D., University of Texas. Elementary Education; Bilingual and ESL Education.

Richard T. Scarpaci, Assistant of Middle Level Education, B.A., St. Francis College; M.A., Brooklyn College; Ed.D., Fordham University. Systemic Change, Governance, Innovative Funding.

Barbara Signer, Professor, B.A., Hunter College; M.A., University of Michigan; Ph.D., University of South Florida. Mathematics Education; Instructional Technology and Distance Learning.

Richard Sinatra, Professor, B.A., Lafayette College; M.S., P.D., Ph.D., Hofstra University. Literacy Education: The Reading and Writing Process; Cognitive Mapping, Classroom Applications, Out-of-school time programs for at-risk students.

Jessica Singer, Assistant Professor, B.A., William Smith College; M.A., M.S. Ed., M.Phil, Ph.D., Columbia University-Columbia College. Special Education; Applied Behavior Analysis/Research in Verbal Behavior.

John Spiridakis, Professor, B.A., State University of New York at Stony Brook; M.S., Ph.D., Florida State University. Bilingual/Multicultural Education and TESOL, Bilingual Education.

The Peter J. Tobin College of Business

Richard A. Highfield, B.A., M.B.A., Ph.D.
Dean

Susan V. Bradley, B.A., M.B.A.
Assistant Dean, Staten Island campus

Nicole Bryan, B.S., M.B.A.
Assistant Dean, Queens campus

Charles M. Clark, B.A., M.A., Ph.D.
Associate Dean for Faculty Affairs

Mary Ellen Guthenberg, B.A., M.A., M.B.A.
Senior Assistant Dean

Niall C. Hegarty, B.S., M.B.A.
Assistant Dean, Queens campus

Susan L. McCall, B.B.A., M.B.A.
Assistant Dean, Queens campus

Susan McTiernan, B.A., M.S., D.M.
Associate Dean for Graduate Programs and External Affairs

Donna M. Narducci, B.S., M.S., Ed.D.
Associate Dean and Director of TCB Programs, Staten Island campus

Cynthia R. Phillips, B.B.A., M.B.A.
Associate Dean and Director of Planning

Kevin L. Shea, B.A., M.B.A.
Assistant Dean, Staten Island campus

Massimiliano Tomassini, B.A., M.B.A.
Assistant Vice President and Executive Director, Rome 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.

Professional Accreditation

This College is a professional school concerned with education in the theory and practice of business administration. It is accredited by the AACSB International—The Association To Advance Collegiate Schools of Business. AACSB International is recognized by the Council on Postsecondary Accreditation and by the U.S. Department of Education as the sole accrediting agency for bachelor's and master's degree programs in business administration. The Tobin College of Business is one of the fewer than 20% of business programs in the world that have attained this prestigious accreditation. The accounting programs at the Tobin College of Business hold specialized accounting accreditation by AACSB International.

Accreditation standards have evolved to meet the contemporary needs of business, the professions, government, and graduate and professional schools. By meeting and maintaining the required level of quality for accreditation in professional education for accounting, business and management, the Masters of Business Administration program of the Tobin College of Business constitutes a sound choice for both the prospective student and for those persons responsible for recruiting students with professional preparation in business administration. AACSB International standards include an evaluation of faculty adequacy and competence, admissions standards and caliber of 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 International accredited school stresses a working knowledge of the major areas of business activity, 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.

Honor Societies and Programs

M.B.A. HONORS

An M.B.A. with honors is awarded to students who have an overall cumulative graduate index of B+, and in addition write an acceptable research-oriented thesis.

Beta Alpha Psi

Beta Alpha Psi is the national honor society for financial information students and professionals. The primary objective of Beta Alpha Psi is to encourage and give recognition to scholastic and professional excellence in the business information field. This includes promoting the study and practice of accounting, finance and information systems providing opportunities for self development, service and association among members and practicing professionals and encouraging a sense of ethical, social and public responsibility.

Beta Gamma Sigma

The Tobin College of Business hosts the Iota chapter of Beta Gamma Sigma, the officially designated honor society of AACSB International. This chapter has been in existence since 1968. To be considered for membership, a student must have graduated or be a candidate for graduation in the current academic year. The election to membership during the spring semester is from the upper 20 percent of the group described above but in no instance will the overall cumulative index be allowed to fall below a 3.75 on the 4.0 scale.

Omicron Delta Epsilon

The Theta Chapter of Omicron Delta Epsilon, the national honor society in economics, was established at St. John's in 1958. The Theta Chapter is an active honor society, striving to broaden the student's professional interest in economics. Several times each year, Omicron invites working specialists from the business and financial community to speak on topical problems in their fields of interest. Twice yearly, the Society publishes *Business Views*, a magazine devoted to economic matters of current interest. New members are formally inducted in the spring semester of each academic year.

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. Membership is open to students interested in management who have an overall GPA of 3.25 and have completed at least 12 graduate credits which must include at least two management courses.

Graduate Executive-in-Residence Program

Larry W. Boone, Ph.D.

Associate Professor and Director

The Executive-in-Residence Program substitutes for Management 700 which is required of all M.B.A. students. Admission to the program is by invitation only. Students who wish to participate in the program must meet the following criteria:

1. The requirements for enrollment in Management 700.
2. A minimum grade point index of 3.5.
3. Successfully complete an interview with the Program Director.

The Executive-in-Residence Program is designed to provide a forum for interaction between practicing executives and the business student in order to:

- Improve student analytical skills
- Improve student written and oral communication skills
- Provide additional practical insights into the issues which were examined in previous coursework
- Provide students with the ability to develop effective strategic and business plans

Students, after meeting with organizational executives, work in teams to develop strategic and/or business plans which are then presented to company executives. Participating organizations have included PricewaterhouseCoopers, The Thompson Corporation (a large British conglomerate), KPMG Consulting, Standard & Poors, Deloitte & Touche LLP, Keyspan Energy and ADP, Inc. Participating executives have included the chief executive officers, chief financial officers, senior partners, marketing vice presidents, etc.

The Executive-in-Residence Program (EIRP) offers the challenge of independent and cooperative research and analysis as well as providing for the development of individual initiative. Further details may be obtained at the web site <http://www.sju.stjohns.edu/eirp>.

Asset Management Program

Thomas Liaw, Chair

Economics and Finance

The Student Managed Investment Fund was established as part of the graduate curriculum in Fall 2002. In this program funds are invested by students in companies of their choosing under the supervision of faculty and advisory alumni. This program provides students with practical experience in asset and portfolio management, equipping them to become immediate contributors to trading or portfolio management activities upon completion of their degree program.

Students interested in taking this course should contact the Chair of the Economics and Finance department to schedule an interview.

Thesis Alternative

The master's thesis integrates academic knowledge and technical skills by employing them in a research task. It aims to widen and deepen the student's understanding of the broad problems of business by systematic investigation and explanation. The thesis itself takes the form of a written report on a faculty-supervised research undertaking. It provides an opportunity to plan and execute a research study while responding creatively to an intellectual challenge determined by the student's own interests.

The six-credit thesis option (BA 901/902) is strongly recommended by the Tobin College of Business for students with a cumulative graduate index of "B+" or better or who seek to explore select subject matter of their specialization in great length. The student choosing the thesis option should contact the Chairperson of his/her major department to develop academic program specifics once he/she has gained a commitment from a faculty member to act as his/her mentor.

Academic Information

Application

In order for an application to be considered, the applicant should submit the following to the Office of Graduate Admissions at the campus he/she plans to attend:

- A completed application
- Official transcripts from all colleges and universities previously attended (foreign documents must be accompanied by a certified English translation)
- Results of the Graduate Management Admission Test (GMAT)
- Two letters of recommendation
- A written statement outlining the applicant's objectives for seeking admission and future plans in relation to graduate business study
- An official score report of the TOEFL examination is required of all applicants with degrees from foreign colleges and universities. Students found to be deficient in the English language may be required to complete a University sponsored English placement exam prior to the start of their studies.
- Resume

Graduate Management Admission Test (GMAT)

As part of the admission requirements, all applicants for the M.B.A. program are required to take the Graduate Management Admission Test (GMAT). The score on this test must be reported to The Tobin College of Business Office of Admissions.

Information regarding the GMAT may be obtained from the Educational Testing Service, Box 6103, Princeton, New Jersey 08541-6103 or from the Graduate Management Admission Council (GMAC) Web site www.gmac.com or from the Office of Graduate Admissions at the Tobin College of Business.

English Language Requirements

Foreign students entering The Peter J. Tobin College of Business with an F-1 or J-1 visa must take the English Language Placement Test. If they are found to be deficient in the above, they must successfully complete the ESL (written and speech) program prior to beginning the second year of their graduate program. The exam is administered by the English as a Second Language Program.

Time Limitation

In general, courses are on a cycle of two years for the master's degree. Students who are unable to devote their full time to graduate study may extend the time for completing the degree beyond this two-year span. However, all requirements for the degree must be completed within five years.

Maintaining Matriculation

Master of Business Administration students not registered for courses during a semester must maintain matriculation in order to return to the program for their remaining courses. A fee of \$50 per semester is required to maintain matriculation. A student may only maintain matriculation for two consecutive semesters. Thereafter, a student must reapply to the program.

Academic Warning and Probation

A student in the Tobin College of Business is expected to achieve an index of at least 3.0 ("B") grade point average for all work carried each semester and to maintain a 3.0 cumulative grade point average for all work completed/carried in the Tobin College of Business.

A graduate student in the Tobin College of Business will receive an academic probation letter if his/her cumulative grade point average falls below the 3.0 GPA requirement.

Queens campus:

Computer Information Systems/Decision Sciences

Option I: Decision Sciences

Option II: Computer Information Systems for Managers

Controllership

Executive Management

Finance

International Business

Marketing Management

Public Accounting (M.B.A. or M.S.)

Accountancy (M.S.)

Taxation (M.B.A. or M.S.)

Staten Island campus:

Controllership

Executive Management

Finance

Public Accounting (M.B.A.)

Accountancy (M.S.)

Taxation

Rome campus:

International Business

International Finance

Marketing Management

Manhattan campus:

Finance

Insurance Financial Management

Risk Management

Public Accounting (M.B.A.)

Accountancy (M.S.)

Risk and Insurance (M.S.)

Programs of Study: Master of Business Administration

The Master of Business Administration degree requires the completion of a minimum of 36 credits to a maximum of 54 credits either taken in full-time residence or on a part-time basis. These credits are divided into:

8 required but waivable courses

1 required non-waivable courses

4 concentration elective courses

1 international elective course

1 required capstone course

2 related non-field courses

1 free elective course

The thesis alternative, BA 901/902, is available upon consultation with an academic advisor.

The number of credits required is determined on an individual basis depending on the applicant's undergraduate background.

It is required that the student request an appointment with a graduate advisor to outline course requirements as soon as possible after admission.

In order to qualify for the M.B.A. degree, a student must complete all courses with a "B" average (3.0/4.0). Each student's progress is regularly monitored according to the procedures and criteria established by the Graduate Committee on Academic Standing. Students may request consideration for a maximum of six transfer credits, with a grade of "B" or higher, from an AACSB International-accredited college or school, provided the courses have equivalent course offerings at St. John's and have been completed within a five-year period from the date of conferral for the M.B.A. degree. Once matriculated, students cannot take courses at other institutions for transfer credit except under unusual circumstances and for not more than six credit hours.

No student may enroll in a course without the proper course prerequisites. All material submitted for waiver of courses must be received for consideration during the student's first semester of study. No consideration is given to material submitted after the completion of the student's first semester of study. A student may satisfy course requirements by passing proficiency examinations administered by the Tobin College of Business. A student may take each proficiency examination once only, which must be the next scheduled offering of the examination at the time of program enrollment.

Students are obligated to make themselves familiar with the rules of the Tobin College of Business contained in this bulletin.

The time demands are substantial to successfully complete courses, gain the required knowledge and skills, do library research and be available for the team meetings and other projects that students are assigned. Therefore Tobin College of Business graduate students who are employed full-time are not to be permitted to register for more than two classes

(six credits) per semester and no more than one class (three credits) in each summer session. The Dean's Office reserves the right to require students to withdraw from a class if there is an overload.

Admission Requirements:

M.B.A. Program

Admission to the M.B.A. program is open only to applicants holding a bachelor's degree from accredited institutions who show promise of success in graduate business studies. Among the criteria used for admission are (1) undergraduate grade point average; (2) performance on the Graduate Management Admission Test (GMAT); (3) junior-senior grade point average; (4) rank in collegiate graduating class; (5) letters of recommendation; (6) statement of professional goals; and (7) resume.

M.B.A. Programs

Required Waivable Courses: 24 credits

ACC 503 Financial Reporting

DS 504 Business Statistics

CIS 505 Business Information Technology

ECO 506 Economics for Management

FIN 507 Managerial Finance

MKT 508 Marketing Management

MGT 509 Operations Management

LAW 501 Law, Ethics and Society

Required Course: 3 credits

MGT 502 Organizational Behavior and Business Ethics

Concentration Courses: 12 credits

Four courses taken from your area of concentration.

Related Non-Field Courses: 6 credits

Two courses chosen from outside your area of concentration that have relevance to your field.

International Elective: 3 credits

One course taken from any discipline that has an international focus.

Free Elective: 3 credits

One course taken in any area of your choice.

Capstone Course: 3 credits

One course, MGT 700, in Business Policy.

Accounting

The goal of the accounting concentration is to supplement the M.B.A. with a level of technical competence that permits entry into the profession of public accountancy or to enter corporate management in the accounting area. At the same time, the basic philosophy of the Tobin College of Business is preserved by utilizing the M.B.A. curriculum to give the student a deeper understanding of management problems and the business firm's position in the economic structure of society.

The course of study for Certified Public Accountants is governed by New York State laws and regulations issued by the New York State Education Department. In addition to stipulating the number of credits in accounting (33), the State Education Department requires candidates to have sufficient credits in general business (36) and liberal arts and sciences (60) and specifies the area that those credits must be taken. The accounting program presented below specifies the courses which the C.P.A. candidate must take to meet the standards for New York State certification. Therefore, students interested in obtaining the C.P.A. license should consult with an accounting advisor to have a course of study arranged which meets the standards for New York State certification.

Students who have majored at the undergraduate level in fields other than accounting may be required to take certain core courses in accounting and/or other fields of business specialization. Such students should consult their accounting advisor for an approved course of study.

Accounting Scholarships

Accounting and tax students who have completed all prerequisite courses may apply for the following scholarships:

- Bridie and Charles Fitzsimons Endowed and Expendable Scholarship
- Deloitte & Touche Endowed and Expendable Scholarships
- Ernst & Young Expendable Scholarships
- PricewaterhouseCoopers Endowed and Expendable Scholarships
- Stanley Shirk KPMG Endowed Scholarships

Recommended Courses and Prerequisites for M.B.A.—Public Accounting

I. Core in Public Accounting (waivable)

| | |
|--------------------------------|--|
| ACC 515* | Financial Reporting Concepts and Problems |
| ACC 630* | Specialized Topics in Financial Reporting |
| ACC 620 | Cost Administration |
| TAX 610 | Individual Tax Planning |
| * Requires a one-hour workshop | |
| CIS 505 | Business Information Technology |
| DS 504 | Business Statistics |
| ECO 506 | Economics for Management |
| FIN 507 | Management and Finance |
| MGT 502 | Organizational Behavior and Business Ethics (non-waivable) |

| | |
|---------|---------------------------------------|
| MGT 509 | Operations Management |
| MKT 508 | Marketing Management |
| LAW 653 | Uniform Commercial Codes and Property |

II. Curriculum in Public Accounting

A. Required

| | |
|---------|---------------------------------------|
| ACC 622 | Advanced Managerial Accounting |
| ACC 624 | Information Technology Auditing |
| ACC 632 | Critique of Accounting Theory |
| TAX 635 | Business Tax Planning |
| ACC 625 | Accounting Ethics and Professionalism |

Select the following three courses:

| | |
|-----------|--------------------------------------|
| ACC 638** | Advanced Accounting |
| ACC 639** | Government and Non-Profit Accounting |
| ACC 623** | Auditing Problems |

***If a student successfully completed an undergraduate course that is substantially equivalent to ACC 623, ACC 638, or ACC 639, then that student must select instead an alternative course from the elective curriculum courses (see below).*

B. Elective

| | |
|---------|--|
| ACC 605 | Internship in Assurance and Attest Services |
| ACC 621 | Controllershship |
| ACC 626 | Forensic Accounting |
| ACC 627 | Business Valuations |
| ACC 635 | Accounting for Financial Instruments and Derivative Products |
| ACC 636 | Accounting for Financial Institutions |
| ACC 640 | SEC Accounting Practice |
| ACC 641 | Accounting Information: Contemporary Issues |
| ACC 642 | Accounting Information: Controls and Assessment |
| ACC 643 | Accounting Information: Security and Forensics |
| ACC 644 | Accounting Information: Systems and Processess |
| ACC 645 | International Financial Reporting |
| ACC 646 | Foreign Financial Statements and Analysis |

III. One International and one free elective course.

Capstone Course (1)

IV. MGT 700 Business Policy

Controllershship (Non-CPA Program)

The goal of the controllershship concentration is to supplement the M.B.A. with a level of technical competence that will enable the student to enter and advance in corporate management in the accounting area.

Field Courses (4)

A. Required (Select two from:)

| | |
|---------|--------------------------------|
| ACC 620 | Cost Administration |
| ACC 621 | Controllershship |
| ACC 622 | Advanced Managerial Accounting |

B. Elective (Select two)

| | |
|---------|---|
| ACC 623 | Auditing Problems |
| ACC 624 | Information Technology Auditing |
| ACC 626 | Forensic Accounting |
| ACC 627 | Business Valuations |
| ACC 632 | Critique of Accounting Theory |
| ACC 635 | Accounting for Financial Instruments and Derivative Products |
| ACC 636 | Accounting for Financial Institutions |
| ACC 638 | Advanced Accounting |
| ACC 639 | Government and Non-Profit Accounting |
| ACC 640 | SEC Accounting Practice |
| ACC 641 | Accounting Information: Contemporary Issues |
| ACC 642 | Accounting Information: Controls and Assessment |
| ACC 643 | Accounting Information: Security and Forensics |
| ACC 644 | Accounting Information Systems |
| ACC 646 | Analysis of Foreign Financial Statements and International Accounting Standards |
| TAX 610 | Individual Tax Planning |
| TAX 635 | Business Tax Planning |

Out-of-field courses (2)

Required: TAX 635

International and free electives (2)

Capstone Course (1)

MGT 700 Business Policy

For a complete listing of approved course, please contact the Dean's office.

Computer Information Systems/Decision Sciences

Computer Information Systems/Decision Sciences (CIS/DS)

The objectives of the CIS/DS curriculum prepare students for professional careers in the area of either (I) Computer Information Systems (CIS) or (II) Decision Sciences (DS) in the fast-changing competitive global business environment. In today's knowledge economy era, the demonstrated effectiveness of computer information systems, decision sciences (a.k.a. operations research/management science) and statistics as aids to business decision making has made this an area of great interest to everyone in executive and managerial positions.

Option I: Computer Information Systems (CIS) for Managers

The objective of this option is to provide the student with a moderately technical yet comprehensive and professional understanding of the modern systems approach to business information systems. The option prepares the student as an administrator who will be knowledgeable in the latest applications of Information Technology so that he or she may assume a prominent role in directing and improving the management process. The curriculum emphasis is placed on learning the wide spectrum of emerging technologies, and its role as catalyst to achieve strategic and competitive advantage in the global market. The program includes courses such as database management, telecommunication and data networks, systems analysis and design, and other state-of-the-art information technologies.

Field Courses (4)

Required

| | |
|----------|--|
| CIS 645: | Database Management |
| CIS 647: | Business Data Communication and Networks |

Other Electives

Select two from:

| | |
|----------|---|
| CIS 601: | Advanced Computer Applications |
| CIS 605: | Web Design & Applied Computer Programming |
| CIS 644: | Systems Analysis and Design |
| CIS 646: | Computer Simulation Methods |
| CIS 650: | Seminar in CIS/DS Applications for Business |

Out-of-Field Courses (2)

| | |
|----------|---|
| DS 631 | Decision Science & Spreadsheet Modeling |
| ACC 641: | Accounting Information: Overview |
| ACC 642: | Accounting Information: Risk Assessment |
| ACC 644: | Accounting Information Systems |

| | |
|----------|--|
| MKT 610: | Product Management |
| ACC 643: | Accounting Information: Security & Forensics |
| MKT 611: | Data Analysis in Marketing Research |
| RMI 601: | Risk Management |

International Elective and Free Elective (2)

The international elective can be any course from the international elective list.

The free elective can be any graduate (600-level) course in the College

Option II: Decision Sciences (DS)

The primary objective of the decision sciences program is to prepare students for positions in private and governmental employment as administrators, managers, staff specialists, consultants or research associates. The curriculum focuses on the application of quantitative methodology and computer technology for business decision making and it includes: formulating logical models which depict relationships among business factors; measuring the magnitudes of the factors involved; and establishing orderly procedures for collecting, processing and analyzing data. The discipline include courses such as decision sciences and spreadsheet modeling, applied regression and forecasting, mathematical programming methodology, computer simulations, and other quantitative tools. The structure of the curriculum offers the student a wide latitude of course selection with respect to electives depending upon his or her interest. Hence, the student has the choice of either concentrating in one particular area or selecting courses from several different functional areas of business.

Field Courses (4)

Required

| | |
|---------|---|
| DS 631: | Decision Science & Spreadsheet Modeling |
| DS 633: | Applied Regression and Forecasting Models Seminar in CIS/DS |

Choose any two of:

| | |
|----------|--|
| CIS 601: | Advanced Computer Applications |
| CIS 634: | Control of Industrial Processes for Business |
| CIS 646: | Computer Simulation Methods |
| CIS 650: | Seminar in CIS/DS |
| DS 632: | Bayesian Statistics for Bus. Decisions |
| DS 640: | Mathematical Programming for Business |

Out-of-Field Courses (2)

Select two from:

| | |
|----------|-------------------------------------|
| MKT 601: | Marketing Research |
| MKT 611: | Data Analysis in Marketing Research |
| RMI 601: | Risk Management |
| ECO 603: | Econometrics |
| CIS 645: | Database Management |

International Elective and Free Elective (2)

The international elective can be any course from the international elective list.

The free elective can be any graduate (600-level) course in the College

Capstone Course (1)

MGT 700 Business Policy

Finance

The design of finance concentration provides you with a high degree of flexibility in your pursuit of depth in finance knowledge and in the areas of your professional preferences. Fin 633 Corporate Finance is a required course. Once you have taken the corporate finance course, you will take an additional three courses from a list of suggested finance courses. You will select the three that best fit your preferences. For example, the recommended selections are Fin 634 Investment Analysis, Fin 664 Advanced Investment Analysis, and Fin 684 Asset Management if your interests are in investment management. You might want to consider Fin 640 International Cash Management, Fin 643 International Corporate Finance, Fin 645 Emerging Financial Markets, or Fin 700 Seminar in Finance if you pursue the international direction. Courses such as Fin 637 Equity Analytics, Fin 638 Fixed-Income Analytics, Fin 655 Financial Risk Management, and Fin 668 Financial Derivatives are appropriate for financial engineering. Of course, you will consider alternative selections such as Fin 635 Capital and Money Markets, Fin 651 Bank Financial Management, Fin 655 Financial Risk Management, Fin 668 Financial Derivatives, and Fin 674 Investment Banking and Brokerage if your interests are in banking or investment banking. You are also invited to meet with Chair of the Department of Economics and Finance to discuss your course selection.

In addition, you are required to take two courses from the list of Related Non-Field Courses and one from International Elective Courses. Again, you will be able to tailor those selections to meet your preferences either in depth or breadth.

Field Courses (4)

Required

| | |
|----------|--------------------------------|
| FIN 633: | Corporate Financial Management |
|----------|--------------------------------|

Other Electives

| | |
|----------|---------------------------------|
| FIN 634: | Investment Analysis |
| FIN 635: | Capital and Money Markets |
| FIN 636: | Financial Economics |
| FIN 637: | Equity Analytics |
| FIN 638: | Fixed Income Analytics |
| FIN 640: | International Cash Management |
| FIN 643: | International Corporate Finance |
| FIN 645: | Emerging Financial Markets |
| FIN 651: | Bank Financial Management |

| | |
|----------|----------------------------------|
| FIN 654: | Advanced Corporate Finance |
| FIN 655: | Financial Risk Management |
| FIN 664: | Advanced Investment Analysis |
| FIN 674: | Investment Banking and Brokerage |
| FIN 684 | Asset Management |
| FIN 700 | Seminar in Finance |

Out-of-Field Courses (2)

Select two from:

| | |
|----------|--------------------------------------|
| ACC 600: | Financial Statement Analysis |
| ACC 636: | Accounting for Financial |
| DS 609: | Advanced Managerial Statistics |
| DS 640: | Mathematical Programming |
| ECO 600: | Managerial Economics and Forecasting |
| ECO 605: | International Trade & Investment |
| ECO 631: | Monetary & Fiscal Policies |
| MKT 634: | Marketing of Financial Services |
| RMI 604: | Risk Pricing Methods |
| RMI 614: | Risk Funding Tools |

International Elective and Free Elective (2)

The international elective can be any course from the international elective list.

The free elective can be any graduate (600-level) course in the College

Capstone Course (1)

MGT 700 Business Policy

International Business

This interdisciplinary program is for students interested in a general approach to international business education. Those wishing to supplement their education with an international dimension or seeking to add a business education to a background in language, liberal arts, government and politics, law or international studies could benefit from this degree.

Students whose career goals include working abroad or with a global firm may choose this learning experience. This degree program provides a unique combination of knowledge and skills for those who wish to meet the demands of today's global marketplace.

Field Courses (4) and International Elective (1)

Required: Choose five courses from the following list from at least three different academic fields:

| | |
|----------|---|
| ACC 645: | Selected Topics in International Accounting |
| ACC 646: | Analysis of Foreign Financial Statements |
| MGT 652: | Seminar in International Management |
| MGT 654: | Global Information Systems |
| MGT 659: | International Business Policy |
| TAX 651: | Taxation of Foreign Operations |
| MKT 626: | International Marketing |
| MKT 628: | Comp. Marketing Sys. and Research |
| MKT 701: | Seminar in Current International Marketing Topics |
| FIN 643: | International Corporate Finance |
| ECO 605: | International Trade and Investment |
| LAW 652: | Int'l Business Law and Negotiation |
| FIN 700 | Seminar in Finance |

Out-of-Field Courses (2)

Select two from:

| | |
|----------|---|
| FIN 635: | Money and Capital Markets |
| FIN 651: | Bank Financial Management |
| ECO 631: | Monetary and Fiscal Policies |
| FIN 634: | Investment Analysis |
| FIN 645: | Emerging Financial Markets |
| MGT 640: | Entrepreneurship |
| MGT 685: | Managing and Staffing Virtual Organizations |
| MKT 633: | Marketing in East Asia |
| MKT 631 | Business to Business (E-commerce) Marketing |
| RMI 600: | Risk and Insurance Economics |
| RMI 601: | Management of Risk |

Free Elective (1)

The free elective can be any graduate (600-level) course in the College

Capstone Course (1)

MGT 700 Business Policy

For a complete listing of approved course, please contact the Dean's office.

Management: Executive Management

This concentration takes an integrated approach to business management and is aimed at those students interested in the general management of the enterprise. The program is designed to provide students with the flexibility to meet their individual needs. Specifically, by choosing an appropriate course from the list of courses listed below, students can acquire expertise in such specialized areas as:

- E-Business Management
- Entrepreneurship
- Human Resource Management
- International Management
- Management Information Systems
- Operations/Supply Management

Or, students can choose a general approach to executive management.

This program synthesizes the following general and specific aspects of modern management: strategic management, global management, managerial problem-solving and decision-making, management information systems, entrepreneurial management, organizational behavior, human relations, corporate social responsibility and management of change. The goal of this program is to expand the learning experience of our students beyond traditional problem-solving and decision-making methods, to include the examination of the impact of the global business environment, information technology and the social system on the operations of the business firm.

The Department of Management gives our students the opportunity to participate in internships and in student organizations such as the Society for the Advancement of Management, the Sigma Iota Epsilon Management Honor Society and The Integrated Resource Management Society.

The Department of Management also offers the Colman Mockler International Responsible Corporate Leadership Program. This program brings distinguished business leaders to give talks and workshops for students and faculty and to visit classes. Recent speakers were Warren Buffett, Al Zeien, Chairman and CEO of Gillette and Patrick Purcell, President, Publisher and Owner of The Boston Herald and Jobfind.com.

Field Courses (4)

Choose any four from:

| | |
|---------|--|
| MGT 600 | Contemporary Issues in Management |
| MGT 604 | Integrated Supply Management |
| MGT 605 | Global Sources |
| MGT 607 | Logistics and Transportation Management |
| MGT 621 | Advanced Managerial Decision Support Systems |
| MGT 622 | Enterprise Information Systems Management |
| MGT 623 | Human Resource Management |
| MGT 625 | Materials Resource Management |
| MGT 627 | Health Care Management |
| MGT 628 | Management of Business Systems Integration in Operations |
| MGT 631 | Leadership, Ethics, Business and Society: Managing in the 21st Century |
| MGT 632 | Innovations in Organizational Behavior |
| MGT 640 | Entrepreneurship Business Management and Administrative Processes of the Web-Based Entrepreneurial |
| MGT 651 | Seminar in Planning and Management of E-Business Operations |
| MGT 652 | Seminar in International Management |
| MGT 654 | Global Information Systems and International Management |
| MGT 659 | International Business Policy |
| MGT 680 | Organizational Development: Managing for Change |
| MGT 685 | Managing and Staffing Virtual Organizations |
| MGT 690 | E-commerce Impacts on Organizations |
| MGT 695 | Seminar in Human Factors in MIS Development, Diffusion and Use |

Out-of-Field Courses (2)

Select two from:

| | |
|----------|--|
| CIS 601: | Advanced Computer Applications |
| CIS 645: | Database Management |
| DS 631: | Operations Research for Business Decision Making |
| FIN 674: | Investment Banking |
| FIN 684: | Asset Management Systems |
| FIN 651: | Bank Financial Management |
| FIN 633: | Corporate Financial Management |
| MKT 606: | Advertising Management |
| LAW 652: | International Business Law and Negotiation |
| MKT 610: | Product Management |
| RMI 601: | Management of Risk |

International Elective and Free Elective (2)

The international elective can be any course from the international elective list.

The free elective can be any graduate (600-level) course in the College

Capstone Course (1)**MGT 700 Business Policy****Marketing: Marketing Management**

The objective of the graduate marketing program is to develop professional marketing executives by equipping current and prospective practitioners with a broad, integrated understanding of the role of marketing within a business firm, the economy, society and the world. Emphasis is placed on creating sensitivity to the rapidly changing demands of a marketing manager's environment. The role of marketing in the strategic interpretation and management of demand has become more crucial to the profitable operation and growth of business firms. A broad offering of courses, covering in depth a substantial range of marketing functions and activities, provides the student with a number of alternatives in this specialization.

The Department of Marketing recommends that students majoring in marketing join the American Marketing Association and subscribe to its professional publications.

The curriculum shown below focuses on the role of the marketing executive. This curriculum emphasizes organization, planning, evaluation and control of all aspects of the firm's marketing activities. The student is exposed to new product development, management of advertising, distribution and sales administration. In addition, the student is expected to become familiar with the assembly of marketing data, analysis and quantitative marketing models. The student, in assuming the role of the marketing manager, is subjected to typical marketing problems that require solutions.

Field Courses (4)**Required**

MKT 601: Marketing Research

Other Electives

Select three from:

| | |
|----------|--|
| MKT 603: | Dynamics of Consumer Motivation & Behavior |
| MKT 606: | Advertising Management |
| MKT 608: | Sales Administration and Strategy |
| MKT 610: | Product Management |
| MKT 611: | Data Analysis in Marketing Research |
| MKT 630: | Marketing of Services |
| MKT 635: | Strategic Internet Marketing |
| MKT 631: | Business to Business (E-Commerce) |
| MKT 699: | Marketing Seminar on Special Interest Topics Marketing |
| MKT 623: | Contemporary Marketing Strategy |
| MKT 626: | International Marketing |
| MKT 628: | Comparative Marketing Systems & Research |
| MKT 701: | Seminar in Current International Marketing Topics |
| MKT 702: | International Marketing Seminar Abroad |

Out-of-Field Courses (2)

Select two from:

| | |
|----------|---|
| CIS 601: | Advanced Computer Applications |
| DS 609: | Advanced Statistics |
| DS 633: | Applied Regression & Forecasting Models |
| CIS 644: | Systems Analysis |
| CIS 645: | Database Management Systems |
| FIN 633: | Corporate Financial Management |
| MGT 607: | Logistics & Transportation Management |
| MGT 621: | Decision Support Systems |
| MGT 650: | E-Commerce Planning & Management |
| MGT 651: | Creating an E-Commerce Business |
| ACC 620: | Cost Administration |
| ACC 621: | Controllership |

International Elective and Free Elective (2)

The international elective can be any course from the international elective list. The free elective can be any graduate (600-level) course in the College.

Capstone Course (1)**MGT 700 Business Policy**

Taxation (Non-CPA Program)

The goal of the taxation program is to provide a course of study which enables the student to either enter the profession of public accountancy as a tax specialist or enter corporate management in the tax area.

Accounting and business decisions must be evaluated in terms of possible tax implications and consequences. Tax specialization has developed in both the accounting and legal professions to facilitate this assessment. Public accounting firms have organized separate tax departments staffed by accountants with special training in the understanding and application of the Internal Revenue Code. Major business corporations have adopted a similar approach by attaching increasing importance to the function of the internal tax manager. The taxation concentration is designed to qualify students seeking advancement in the area of tax specialization.

The taxation curriculum is open to students who have majored in accounting at the undergraduate level and for law school students or graduates seeking an M.B.A. with a taxation concentration. Other students wishing to enroll in the program are required to complete necessary courses in accounting as a pre-requisite for registration in the taxation program. Such students should consult their M.B.A. advisor for an approved course of study.

Field Courses (4)

A. Required

| | |
|---------|---|
| TAX 600 | Tax Research and Writing (1 credit) |
| TAX 603 | Corporate Taxation |
| TAX 631 | Corporate Distributions, Liquidations and Reorganizations |

B. Elective (Select Two):

| | |
|---------|---|
| TAX 612 | Partnerships and Partners |
| TAX 621 | Estates and Gifts |
| TAX 632 | Consolidated Federal Income Tax Returns |
| TAX 641 | Interstate Commerce |
| TAX 651 | Foreign Operations |
| TAX 683 | Practice and Procedure |

Out of field courses (2)

International elective and free elective (2)

Capstone Course (1)

MGT 700 Business Policy

M.B.A. Programs: School of Risk Management, Insurance and Actuarial Science

The School of Risk Management, Insurance and Actuarial Science (SRM) is an academic department within The Peter J. Tobin College of Business. In 2001 the School of Risk

Management was formed from the consolidation of St. John's University and the College of Insurance. Thus the Tobin College of Business is able to expand its historically strong business related offerings to the critical area of risk management and insurance.

The School of Risk Management programs enable students to gain a thorough understanding of the theory and practice of risk management and insurance. The School of Risk Management programs expose students to the actuarial, financial, legal and economic principles underlying corporate risk management, with specific applications to individual, business and social issues. In addition, the programs explore in depth the functional areas of insurance company management (such as investments, financing marketing, pricing and underwriting). Risk management and insurance theory, functions and strategies are all investigated against a background of accelerating change in the legal, regulatory and economic environment.

Field Courses (4)

Required:

| | |
|----------|--------------------------------|
| RMI 601: | Management of Risk |
| RMI 604: | Risk Pricing Models |
| RMI 614: | Risk Funding Tools Insurers |

Choose any one of:

| | |
|----------|---|
| RMI 602: | Risk Analysis Methods |
| RMI 607: | Operational Finance for Property & Liability (Re) Insurance |
| RMI 610: | Life-Health Insurance & Employee Benefits |
| RMI 613: | Graduate Risk Seminar |

Out-of-field Courses (2)

Choose any two of:

| | |
|----------|--|
| FIN 651: | Bank Financial Management |
| FIN 655: | Financial Risk Management |
| FIN 674: | Investment Banking |
| CIS 646: | Computer Simulation Methods |
| ECO 600: | Economic Forecasting |
| ECO 639: | Regulation and the Securities Markets |
| LAW 650: | Government Regulation of Business |
| FIN 634: | Investments |

International Elective (1) and Free Elective (1)

The international elective can be any course from the international elective list. The free elective can be any graduate (600-level) course in the College.

Capstone Course (1)

MGT 700 Business Policy

Programs of Study: Master of Science

Admission Requirements

To be admitted into the M.S.—Accounting or Taxation programs, candidates must satisfy the following requirements:

- Possess an undergraduate or graduate degree in accounting or a related business field. Students must have completed core business courses or must take such courses before completing the degree.
- Successful completion of the GMAT (or an appropriate alternative examination). The successful completion of the uniform certified Public Accountants examination (CPA license), the Certified Management Accountants examination (CMA) or an equivalent examination could be used in lieu of the GMAT examination for admission to the MS tax program.
- Interview with a faculty member involved in the program. Students with degrees in accounting, that were obtained from foreign universities, would be required to have their coursework reviewed by a faculty member involved in the program and/or specified external reviewer to ensure that the contents covered in such coursework is appropriate.
- Professional experience in business, government, or not-for-profit is recommended but not required.

M.S. Programs

M.S.—Accountancy (CPA program)

The Master of Science degree program in Accountancy is intended to provide students with the specialized technical knowledge in accounting, tax and auditing that will enable them to enter or advance their careers in the profession of public accountancy or in managerial positions in industry, government and not for profit organizations. Students in the M.S. Accountancy program are expected to have an undergraduate or graduate degree in accounting or a related business field and thus they must have already completed the core business courses. Completion of the GMAT is required.

If a student intends to sit for the Certified Public Accountancy examination and become licensed in the state of New York in public accountancy, he or she will be required to satisfy further education requirements which should be discussed with his or her accounting advisor.

Recommended Courses and Prerequisites for M.S.—Accountancy

I. Core

| | |
|----------|--|
| ACC 515* | Financial Reporting: Concepts and Problems |
| ACC 630* | Specialized Topics in Financial Reporting |
| ACC 620 | Cost Administration |
| TAX 610 | Individual Tax Planning |

* Requires a one-hour workshop

II. Curriculum

A. Required

| | |
|---------|---------------------------------|
| ACC 622 | Advanced Managerial Accounting |
| ACC 624 | Information Technology Auditing |
| ACC 632 | Critique of Accounting Theory |
| TAX 635 | Business Tax Planning |

Select the following three courses:

| | |
|-----------|--------------------------------------|
| ACC 623** | Auditing Problems |
| ACC 638** | Advanced Accounting |
| ACC 639** | Government and Non-Profit Accounting |

B. Elective

| | |
|---------|---|
| ACC 605 | Internship in Assurance and Attest Services |
| ACC 621 | Controllership |
| ACC 635 | Accounting for Financial Instruments and Derivative Products |
| ACC 636 | Accounting for Financial Institutions |
| ACC 640 | SEC Accounting Practice |
| ACC 644 | Accounting Information Systems |
| ACC 646 | Analysis of Foreign Financial Statements and International Accounting Standards |

** If a student successfully completed an undergraduate course that is substantially equivalent to ACC 623, ACC 638 or ACC 639, then that student must select instead an alternative course from the elective curriculum courses.

III. General Electives

Three Graduate Elective Courses

The student will be able to select three 600 level courses (i.e., nine credits). The three graduate electives can be used to meet core requirements, advance a student's studies by exploring specialized accounting, tax or other business area(s) or to complete deficiencies in the liberal arts and sciences and general business requirements (see New York State Department of Education requirements (Section 52.13(b) Accountancy) for licensure as a CPA.

M.S.—Taxation (Non-CPA program)

A Master of Science degree program in Taxation is intended to provide our students with the technical knowledge necessary for career advancement in the field of taxation. The program provides our students with a comprehensive and in-depth knowledge of the Internal Revenue Code, tax regulations, judicial decisions and Treasury rulings. It equips students to conduct tax research, to facilitate tax compliance and to develop tax-planning strategies.

Recommended Curriculum for M.S.—Taxation

Presented below are the complete course requirements and elective course offerings for the M.S.—Taxation:

I. Core

| | |
|---------|-------------------------|
| TAX 610 | Individual Tax Planning |
|---------|-------------------------|

II. Curriculum

A. Required

| | |
|---------|---------------------------|
| TAX 600 | Tax Research and Writing |
| TAX 603 | Corporate Taxation |
| TAX 612 | Partnerships and Partners |
| TAX 621 | Estates and Gifts |
| TAX 683 | Practice and Procedure |
| TAX 691 | Research Project |

B. Elective (Select two)

| | |
|---------|---|
| TAX 605 | Internship in Taxation |
| TAX 611 | Tax Planning for High Net-Worth Individuals |
| TAX 631 | Corporate Distributions, Liquidations and Reorganizations |
| TAX 632 | Consolidated Federal Income Tax Returns |
| TAX 641 | Interstate Commerce |
| TAX 651 | Foreign Operations |
| TAX 661 | Compensations, Benefits and Retirement Plans |
| TAX 662 | Real Estate |
| TAX 663 | Financial Products |
| TAX 671 | Tax-Exempt Institutions |
| TAX 672 | Specialized Industries |
| TAX 681 | Tax Accounting |
| TAX 682 | Special Topics in Taxation |

III. General Electives

Three Graduate Elective Courses

The student will be able to select three 600 level courses (i.e., nine credits). The three graduate electives could be used to allow the student to meet core requirements, or to advance their studies and explore specialized accounting, tax or other business area(s).

M.S. Programs: School of Risk Management, Insurance and Actuarial Science

Management of Risk

The objective of this full-time, 30-credit cohort M.S. degree program is to develop the ability to solve challenges and resolve dilemmas faced by the risk and insurance industry and effectively communicate recommendations. The M.S. degree program may be completed in one year of full-time or two years of part-time study. During candidacy for the M.S. degree, students will develop and integrate knowledge and skills through a variety of learning tools. As a graduate of the M.S. program students will be able to work effectively as financial economists in the risk and insurance industry.

I. Core

| | |
|---------|--------------------------|
| ECO 506 | Economics for Management |
| FIN 507 | Managing Finance |
| DS 504 | Business Statistics |

II. Management of Risk Curriculum

| | |
|---------|--------------------------------------|
| RMI 601 | Management of Risk |
| RMI 602 | Risk Analysis Methods |
| RMI 604 | Risk Pricing Methods |
| RMI 611 | Cases on Risk, Insurance and Banking |
| RMI 614 | Risk Funding Tools |

III. Electives

Three 200+ level courses from the offerings of the Tobin College of Business

IV. Thesis

| | |
|--------|-------------------------------------|
| BA 901 | Methodology of Business Research I |
| BA 902 | Methodology of Business Research II |

Programs of Study: Combined Programs

The Department of Accounting and Taxation in conjunction with the School of Law offers combined degree (J.D./M.B.A. and J.D./M.S.) programs in the following: public accounting, controllership and taxation.

J.D./M.B.A. Program

The J.D./M.B.A. program is a dual degree program for exceptional students in business and law leading to the Master of Business Administration (M.B.A.) and Juris Doctor (J.D.) degrees offered by the Tobin College of Business and the School of Law, respectively. Its purpose is to prepare students for careers in the areas of business and law, which require both legal expertise and a knowledge of the theory and practice of business.

Applicants for admission to this joint degree program must meet criteria for admission to the School of Law and the Graduate Division of the Tobin College of Business.

For the first year, students pursue the curriculum in the School of Law exclusively.

During each of the semesters of the second and third years in the School of Law, students complete a minimum of three credits toward the M.B.A. degree. Also, during each of the summers following the first and second years of enrollment in the School of Law, students complete nine credits toward the M.B.A. degree.

For further information on this program, an appointment should be made to meet with an academic advisor.

Programs of Study: Advanced Professional Certificate

After having completed the M.B.A. degree, the professional business person may find that their career pattern has been altered to the extent that knowledge is now required in a totally new field requiring an expertise in more than one discipline. For example, a graduate of the M.B.A. program whose specialization was marketing and who had successfully performed in a sales administrative position may be assigned to the area of finance. Such a student might very well apply for the Advanced Professional Certificate Program in Finance.

The admission requirements for the Advanced Professional Certificate require the satisfactory completion and awarding of the M.B.A. degree or its equivalent. Specifically, the student must have completed the required core level courses, the required courses in the M.B.A. curriculum and the initial major specialization.

The requirement for awarding the Advanced Professional Certificate is the satisfactory completion of at least 18 credits with an index of "B" (3.0) in all courses. In some majors, a certificate candidate may be required to take core courses to qualify for a new concentration, particularly in accounting. The number of additional courses depends upon the applicant's academic background.

Courses

Department of Accounting and Taxation (ACC, TAX)

ACC 503 Financial Reporting

Explains and interprets the form and content of financial reports issued by business entities to provide investors, creditors, and others with information about their financial positions, profitability and future cash flows, all which determine market values. Explains the financial accounting and reporting system and the components of domestic and multinational consolidated financial statements, including working capital, operating assets, long-term financing instruments, pensions, share-based payments, stockholders' equity, and comprehensive income. *Credit: 3 semester hours.*

ACC 515 Financial Reporting: Concepts and Problems*

An intensive study of financial reporting concepts and their significance in managerial communication and analysis are emphasized. *Credit: 3 semester hours.*

ACC 600 Financial Statement Analysis

Prerequisites: FIN 507 and ACC 503 or equivalent courses. An in-depth coverage of contemporary tools and techniques available for analyzing the financial statements and other data in order to derive measurements and relationships that are useful in decision making. *Credit: 3 semester hours. Every semester.*

ACC 603 Analytical Tools For Purchasing

This course provides purchasing managers with analytical tools for supplier negotiations and decision making. *Credit: 3 semester hours.*

ACC 605 Internships in Assurance and Advisory Services

Prerequisite: ACC 630 and ACC 623 or equivalent courses. This course provides students with the opportunity to develop assurance and advisory services skills in an actual work setting outside the classroom.

ACC 620 Cost Administration

A comprehensive study of cost accounting as a technique for planning and control. *Credit: 3 semester hours.*

ACC 621 Controllership

Prerequisite: ACC 620 or equivalent course. A case study approach to major corporate decision areas such as special purpose statements, loan agreement provisions, product additions and deletions, make or buy decisions, capital budgeting and compliance with Security and Exchange regulations. *Credit: 3 semester hours.*

ACC 622 Advanced Management Accounting

Prerequisite: ACC 620 or equivalent course. A comprehensive case study approach to management accounting. Emphasis is on planning and control, inventory valuation, analysis of variances, responsibility accounting and budgeting. *Credit: 3 semester hours.*

ACC 623 Auditing Problems

Prerequisites: ACC 630 or equivalent courses. This course provides a study of current auditing theory and techniques including audit planning and procedures, role of internal control, uses of statistical sampling and the various reports rendered by independent auditors. *Credit: 3 semester hours.*

ACC 624 Information Technology Auditing

Prerequisite: ACC 623 or equivalent auditing course. This course provides an overview of controls relating to database structures, networks, client servers and distributed systems. *Credit: 3 semester hours. Every fall. Offered on Queens campus only.*

ACC 625 Accounting Ethics and Professionalism

Prerequisite: ACC 515 or an equivalent course. This course provides an introduction of ethical reasoning, integrity, objectivity, independence, core values and professional issues in accounting. It begins with the concept of ethical awareness, leads the student through actual choices made in infamous cases, studies their consequences, and applies this understanding to the challenge of professional responsibilities in accounting. *Credit: 3 semester hours.*

ACC 626 Forensic Accounting Principles

Prerequisite: ACC 623 or an equivalent course. This course provides an intensive study of the forensic techniques needed to examine fraudulent financial schemes, with emphasis on understanding of the characteristics of fraudulent, prevention and detection, the sources of information, the identification and analysis of financial documents, investigative techniques, asset recovery and the use of information technology in the forensic accounting context. *Credit: 3 semester hours.*

ACC 627 Business Valuations

Prerequisite: ACC 515 or an equivalent course. This course provides an intensive study of the role of financial accounting in business valuations with an emphasis on contemporary valuation approaches and methodologies including those based on: income, discounted income; market value, merged and acquired company; capitalized excess earnings; asset-based; and asset accumulation. It examines discounts, premiums, and the value conclusion; control and acquisition premiums; discounts for lack of control; discounts for illiquidity and lack of marketability; other valuation discounts; and valuation synthesis and conclusion. *Credit: 3 semester hours.*

ACC 630 Specialized Topics in Financial Reporting: Concepts and Reporting*

Prerequisite: ACC 515. Specialized accounting areas including a study of the rules promulgated by the FASB and other standard setting bodies. *Credit: 3 semester hours.*

ACC 632 Critique of Accounting Theory

Prerequisites: ACC 623 and 638 or equivalent courses. This course provides an intensive study of the relationship of accounting and economic theory, the difficulties of preparing precise and universally acceptable definitions of theory and principles, a review of current professional studies and selected areas of research. A written report on a selected research project is a major requirement in this course.
Credit: 3 semester hours.

ACC 633 Specialized Accounting Practice

Prerequisite: ACC 630 or an equivalent course. This course provides an intensive study of the examination and solution of specialized problems encountered in accounting practice.
Credit: 3 semester hours.

ACC 635 Accounting for Financial Instruments and Derivative Products

Prerequisite: ACC 600 or ACC 630. This course provides an intensive study of the accounting, reporting and disclosure requirements related to financial instruments and derivatives from both an investing and financing perspective.
Credit: 3 semester hours.

ACC 636 Accounting for Financial Institutions

Prerequisite: ACC 600 or ACC 630. A study of the unique accounting, regulatory, auditing, financial presentation and disclosure requirements of financial institutions.
Credit: 3 semester hours.

ACC 638 Business Entities and Combinations

Prerequisite: ACC 3442 or ACC 630. Advanced theory applied to accounting for mergers and acquisitions by corporations including the preparation of consolidated financial statements, accounting for foreign currency transactions, hedging activities and the translation of foreign currency statements. *Credit:* 3 semester hours.

ACC 639 Government and Non-Profit

Prerequisite: ACC 630. This course provides an intensive study of the special accounting procedures and problems with respect to governmental and not-for-profit entities and the reporting requirements of FASB and GASB.
Credit: 3 semester hours.

ACC 640 SEC Practice

Prerequisite: ACC 600 or ACC 630 or equivalent courses. This course provides an intensive study of registration and reporting requirements revealed in various SEC rules such as Regulations S-K, S-X and S-B along with exemptions provided under Regulations A and D. *Credit:* 3 semester hours.

ACC 641 Accounting Information: Contemporary Issues

Prerequisite: ACC 623 or an equivalent course. This course addresses current accounting information systems topics of specific relevance and importance to the accounting profession.
Credit: 3 semester hours.

ACC 642 Accounting Information: Controls and Assessment.

Prerequisite: ACC 623 or an equivalent course. This course provides an intensive study of the concepts and application of internal controls to enterprise accounting information and communication systems including applicable theoretical frameworks developed to review and assess information and communication system controls. *Credit:* 3 semester hours.

ACC 643 Accounting Information: Security and Forensics.

Prerequisite: ACC 623 or an equivalent course. This course provides an intensive study of issues related to accounting information and communication systems' security and investigates information technology frauds and methods of fraud detection and deterrence.
Credit: 3 semester hours.

ACC 644 Accounting Information Systems

Prerequisite: ACC 630 or equivalent. This course provides an intensive study of various accounting information and communication systems. *Credit:* 3 semester hours.

ACC 645 International Financial Reporting Standards

Prerequisite: ACC 503 or 515 or equivalent courses. This course provides an intensive study of external and internal reporting problems associated with multinational business entities.
Credit: 3 semester hours. *This course not open to accounting majors.*

ACC 646 Analysis of Foreign Financial Statements

This course examines various financial accounting topics required to analyze the reporting of non-U.S. entities and the harmonization of international accounting standards.
Credit: 3 semester hours.

TAX 600 Tax Research and Writing

Prerequisite: TAX 160 or equivalent. This course concentrates on the skills needed to research tax questions and considers the sources of the federal tax law and of its legislative, administrative and judicial explanations and interpretations. *Credit:* 1 semester hour.

TAX 601 Tax Concepts and Strategies

This course provides a broad knowledge of the federal income tax system and the legislative and administrative procedures which create and interpret the income tax code and regulations. *Credit:* 3 semester hours.

TAX 603 Corporate Taxation

Prerequisite: TAX 610 or equivalent. This course provides an intensive study of the choice of business organizations; corporate stockholder transactions; tax accounting; and special types of corporations.
Credit: 3 semester hours.

TAX 605 Internship in Taxation

Prerequisite: TAX 603 or equivalent. This course provides students with the opportunity to develop tax skills in an actual work setting outside the classroom. *Credit:* 3 semester hours.

TAX 610 Individual Tax Planning

This course examines determination of taxable income and allowable deductions; pensions and deferred compensation; provisions of the Internal Revenue Code that offer tax incentives. *Credit:* 3 semester hours.

TAX 611 Tax Planning for High Net-Worth Individuals

Prerequisites: TAX 610 or equivalent. This course provides an intensive study of general income and estate tax planning for wealthy individuals, dealing with passive activities (tax shelters), the use and limitations of qualified plans, investment planning (asset allocation) life, disability and liability insurance exposures, retirement planning and estate planning.
Credit: 3 semester hours.

TAX 612 Partnerships and Partners

Prerequisites: TAX 610 or equivalent. This course provides an intensive study of the uses, formation, operation and termination of partnerships, including family partnerships.
Credit: 3 semester hours.

TAX 621 Estates and Gifts

Prerequisites: TAX 610 or equivalent. This course provides an intensive study of the objectives, procedures and techniques relating to estate tax and introduces basic elements of estate planning such as trusts, annuities, joint interests and life insurance.
Credit: 3 semester hours.

TAX 622 Income Taxation of Trusts and Estates

Prerequisites: TAX 621 or an equivalent course. This course provides an intensive study of the planning and the preparation of trust and estate income tax returns; computation of taxable net income and distributable net income; operation of the "throwback" rule.
Credit: 3 semester hours.

TAX 631 Corporate Distributions, Liquidations and Reorganizations

Prerequisites: TAX 603 or TAX 635 or an equivalent course. This course provides an intensive study of the tax aspects of corporate-stockholder relationships; tax-free re-organizations, liquidations, parent-subsidiary transactions and corporate distributions. *Credit:* 3 semester hours.

TAX 632 Consolidated Federal Income Tax Returns

Prerequisite: TAX 603 or an equivalent course. This course provides an intensive study of corporations with subsidiaries that may elect to file consolidated tax returns, the regulations concerning such returns (emphasizing the concepts, rules and methods for computing consolidated taxable income).
Credit: 3 semester hours.

TAX 635 Business Tax Planning

Prerequisite: TAX 610 or TAX 601. This course provides an intensive study of corporate stockholder transactions; and problems in tax accounting, and special types of corporations.
Credit: 3 semester hours.

TAX 641 Interstate Commerce

This course provides an intensive study of the constitutional basis of taxation of interstate commerce and tax problems of conflicting jurisdictions; qualification to do business in foreign states, sales and use taxes, franchise and income taxes, apportionment formulae, real and personal property taxation.

Credit: 3 semester hours.

TAX 651 Foreign Operations

Prerequisite: TAX 610 or equivalent.

Complexities of international taxation are analyzed by focusing on the U.S. tax system's impact in two areas: (a) U.S. companies investing or operating abroad and (b) foreign companies investing or operating in the U.S. *Credit: 3 semester hours.*

TAX 661 Compensation, Benefit and Retirement Plans

Prerequisite: TAX 610 or equivalent. This course provides an intensive study of the tax consequences as well as various strategies and opportunities relating to the design and implementation of executive compensation and benefit and retirement plans.

Credit: 3 semester hours.

TAX 662 Real Estate

This course provides an intensive study of tax problems and planning opportunities encountered in the acquisition, operation and disposition of real estate are discussed.

Credit: 3 semester hours.

TAX 663 Financial Products

Prerequisite: TAX 610. This course provides an intensive study of tax issues relating to financial products including debt and equity securities, mortgage-backed securities, derivative swaps and foreign exchange contracts. *Credit: 3 semester hours.*

TAX 671 Taxation-Related Issues for Tax-Exempt Institutions

Prerequisite: TAX 630 and TAX 603 or equivalent. This course provides an intensive study of the tax aspects of tax-exempt organizations, including those of charitable and educational organizations, civic leagues, labor unions and health and welfare funds. *Credit: 3 semester hours.*

TAX 672 Specialized Industries

Prerequisite: TAX 610: This course provides an intensive study of the tax treatments of specific industries such as banking, insurance, securities, health care and entertainment and capitalizes on the availability of industry experts and government officials to analyze issues in depth from a particular industry perspective. *Credit: 3 semester hours.*

TAX 681 Tax Accounting

Prerequisite: TAX 630 and 603 or equivalent.

This course provides an intensive study of situations where government rules required to compute tax liability differ from those permitted by the accounting profession to reflect the financial condition of a business. *Credit: 3 semester hours.*

TAX 682 Special Topics in Taxation

Prerequisite: TAX 630 and 603 or equivalent.

This course provides an intensive study of current developments in federal income, estate and gift taxation, including recent decisions, legislation, regulations and rulings.

Credit: 3 semester hours.

TAX 683 Practice and Procedure

Prerequisite: TAX 630 or equivalent. This course provides an intensive study of procedures to resolve disagreements—both pre- and post-audit—with the Internal Revenue Service.

Credit: 3 semester hours.

TAX 691 Research Project

Prerequisite: TAX 600 and TAX 603, taken in last semester. This course offers an opportunity to research and write about any subject agreed upon between the student and a faculty member. An article of publishable quality is required to complete the course. *Credit: 3 semester hours.*

Thesis Option

BA 901; 902 Methodology of Business Research

Prerequisites: (1) The student must have completed at least nine credits (200 level) in a major area. (2) The student is expected to have explored possible thesis subjects with the department Chair well in advance of taking the course. (3) The student must bring to the first class a Thesis Proposal Form, completed defining the thesis project. (These forms may be obtained from the Graduate Dean's office)

The purpose of this course is to:

- Give the student an appreciation and understanding of research and scholarship;
- Develop skills in research and in analysis and evaluation of problems important to the business profession; and
- Give experience in writing clearly and convincingly on subjects in the business field.

In BA 901, the student is required to develop a thesis subject, obtain approval of the subject from the department Chair, draw up an outline of the thesis, complete a major portion of the research and write the introduction and first chapter of the thesis.

In BA 902, the student is required to complete the master's thesis. Hours to be arranged by the professor. *Credit: 3 semester hours.*

Maintaining Matriculation

ACC 925 Maintaining Matriculation

M.B.A. and M.S. students not registered for courses during a semester must register for ACC 925 in order to maintain matriculation and return to the program for the remaining courses. *No credit. Fee \$50 per semester.*

Department of Computer Information Systems/Decision Sciences (CIS/DS)

DS 500 Mathematical Models for Business

A review of algebraic and graphical methods for the study of business models, Included at the instructor's discretion are the treatments of equations and functions, graphical models with linear inequalities, graphical and spreadsheet solution to linear programming problems, introductory differential and integral calculus. *Credit: 3 semester hours.*

DS 504 Business Statistics

This course provides the entering MBA students with the minimally needed statistical tools and concepts for business applications. Emphasis is placed on applying data analysis using statistical and spreadsheet software packages and understanding data interpretation for business decision-making. Ethical issues of employing business statistics are discussed throughout the course. *Credit: 3 semester hours.*

CIS 505 Business Information Technology

This course provides the entering MBA students with the needed computer skills and concepts; and it covers: (i) the introductory and intermediate treatment of the state of the arts information technology and (ii) the in-depth coverage of the integrated business software applications. Students will finish this course with a comprehensive understanding of the fundamentals and development of information technology and the integrated use of today's software for solving business problems. *Credit: 3 semester hours.*

CIS 550 Business Software and Computer Technology

The course covers the introductory treatment of the up-to-date computer technology and the business applications of the most essential software packages. Currently this includes word processing, spreadsheets, data base and a presentation package. In addition, internet use is integrated with other software applications. *Credit: 3 semester hours.*

DS 553 Introductory to Managerial Statistics

Prerequisites: DS500 or equivalent. This course covers an introduction to the techniques of collection, analysis and interpretation of data useful for managerial decision making. Topics covered include: data presentation; measures of central location; dispersion and skewness; probability theory; discrete and continuous probability distributions; the theory and techniques of sampling; estimation and testing hypotheses. Students learn to use standard statistical programs. *Credit: 3 semester hours.*

CIS 601 Advanced Computer Applications for Business

Prerequisite: CIS 505, or CIS 550 or the equivalent. This is an advanced course in computer software. This course changes each semester, but currently includes sophisticated and integrated applications of spreadsheets, data bases, project management and the World Wide Web. *Credit: 3 semester hours.*

CIS 605 Applied Computer Languages

Prerequisite: CIS 505, or CIS 550 or the equivalent. This course gives an intensive examination of computer languages as needed for business applications. At the instructor's discretion this course has selected a particular language for study. Some of the languages taught have been JAVA, C+, C#, Visual Basic and VBA. Speak to the instructor to find the subject for any particular semester. *Credit: 3 semester hours.*

DS 609 Advanced Managerial Statistics

Prerequisites: DS 500 and DS 504 or DS 553 or equivalent. This course covers applications of statistical theory to managerial problems. Topics include: analysis of variance; testing of hypotheses; correlation and regression (simple and multiple); analysis of economic time series and problems of forecasting: non- parametric methods of index numbers. Students use standard statistical programs. *Credit: 3 semester hours.*

DS 631 Decision Science and Spreadsheet Modeling

Prerequisite: DS 504, or DS 553 or equivalent. This is a survey course in the most commonly used decision-making techniques for planning and analysis of managerial problems. Spreadsheet software and other related computer packages are utilized for real-time problem solving. *Credit: 3 semester hours.*

DS 632 Bayesian Statistics for Business Decision Making

Prerequisite: DS 504 or DS 609. This course is an intermediate treatment to Bayesian inferential and decision procedures as applied to managerial problems. Real cases in inventory control, development and introduction of new product, demand forecasts and evaluation of business research projects are used to demonstrate the application of Bayesian statistical principles. This course is especially recommended to management and marketing majors. *Credit: 3 semester hours.*

DS 633 Applied Regression and Forecasting Models

Prerequisite: DS 504 or DS 609. This course covers the application of generally accepted regression and forecasting techniques to various phases of business decision making. Actual models in use will be reviewed and evaluated, *Credit: 3 semester hours.*

DS 634 Statistical Quality Control for Business

Prerequisite: DS 504 or DS 609. This course covers the application of statistical quality control techniques to industrial processes. Topics covered are sampling techniques; the design and use of single, double and sequential acceptance sampling plans; control charts and the design of industrial experiments. *Credit: 3 semester hours.*

DS 640 Mathematical Programming for Business

Prerequisite: DS 631. Intensive study of the fundamental concepts of mathematical programming including the simplex algorithm; post-optimality analysis; the dual; transportation and assignment problems; integer and nonlinear programming and game theory. Both static and dynamic models are applied to a wide variety of real business problems. *Credit: 3 semester hours.*

CIS 644 Systems Analysis and design

Prerequisite: CIS 505, or CIS 550 or equivalent *programming exposure.* The course deals with the analysis, design and implementation of computer information systems. There is an in-depth exposure to the theory, application and procedures of systems analysis. Case studies in the areas of finance, personnel, production and marketing systems are examined. *Credit: 3 semester hours.*

CIS 645 Database Management

Prerequisite: CIS 505 or CIS 550. An intensive presentation and appraisal of the fundamental technology and practice of database management systems design, implementation and application. This course examines the organization and management of data and databases. *Credit: 3 semester hours.*

CIS 646 Computer Simulation Methods

Prerequisite: DS 504 (or DS 553) and CIS 505 (or CIS 550). This course covers the application of simulation techniques as a method for planning and system evaluation in business and government; emphasis is on discrete systems. System and modeling concepts are examined and related to the construction of simulation models to solve complex problems. Major simulation languages and spreadsheet are utilized. *Credit: 3 semester hours.*

CIS 647 Data Communications and Networks for Business

Prerequisite: CIS 505 or CIS 550. This course combines a detailed introduction to data communications and networking concepts and theory with a practical, "how-to" approach that enables students to apply the theory in real world environments. It intends to give a comprehensive survey of the entire data and computer communications field. *Credit: 3 semester hours.*

DS 650 Seminar in CIS/DS

Prerequisites: DS 504 or DS 631 or CIS 245. This is a research and case study course in the application of information technology and quantitative techniques to business problems. Students are expected to carry out independent research and prepare written and oral reports of their findings as a major requirement of the course. *Credit: 3 semester hours.*

BA 901; 902 Methodology of Business Research

Prerequisites: (1) The student must have completed at least nine credits (600-level) in a major area. (2) The student is expected to have explored possible thesis subjects with the department Chair well in advance of taking the course. (3) The student must bring to the first class a completed Thesis Proposal form, defining the thesis project. (These forms may be obtained from the Graduate Dean's office). The purpose of this course is three-fold: (1) to give the student an appreciation and understanding of research and scholarship; (2) to develop skills in research and in analysis and evaluation of problems important to the business profession; and (3) to give experience in writing clearly and convincingly on subjects in the business field.

In BA 901 the student is required to develop a thesis subject, obtain approval of the subject from the department Chair, draw up an outline of the thesis, complete a major portion of the research and write the introduction and first chapter of the thesis.

In BA 902 the student is required to complete the master's thesis. Contact hours to be arranged by the professor. *Credit: 3 semester hours.*

DS 925 Maintaining Matriculation

Master of Business Administration students not registered for courses during a semester must register for DS925 in order to maintain matriculation and return to the program for the remaining courses. *No Credit. Fee: \$50 per semester*

Department of Economics and Finance (ECO, FIN)

ECO 506 Economic Analysis

The course introduces students to a basic understanding of the structure and functioning of a market economy. It will give an introduction to methods of evaluating economic problems and policies at both macroeconomic and microeconomic levels. *Credit: 3 semester hours.*

FIN 507 Foundations of Finance

This course is designed to provide an overview of the corporate financial decision-making process as well as the general financial services environment. The objective is to provide an understanding of the basics of all finance subjects to serve as a primer for business students. *Credit: 3 semester hours.*

ECO 600 Managerial Economics and Forecasting

Prerequisite: ECO 506. This course focuses on applied microeconomics. It addresses practical business problems, including analysis of industries within national and international contexts. The course also analyzes the problem of forecasting as an integral part of decisionmaking. *Credit: 3 semester hours.*

ECO 605 International Trade and Investment

Prerequisite: ECO 506. Analysis of how the international monetary system operates, balance of payments analysis, basis of international trade, current problems and issues in commercial policy, foreign business investment to and from the United States, the EU and other economic blocks. *Credit: 3 semester hours.*

ECO 613 Business Fluctuations and Forecasting

Prerequisite: ECO 506. The course examines the role and importance of business conditions in corporate planning and control. The purpose is to train students to be able to analyze data and use statistical and regression analysis to make better decisions. *Credit: 3 semester hours.*

ECO 631 Monetary and Fiscal Policies

Prerequisite: ECO 506. The course looks at how the government and the central bank use macroeconomic policies to achieve macroeconomic stability. Topics include the structure and operation of the banking system; money supply and demand and the tools of monetary, fiscal and debt management policies and their application over a typical business cycle. *Credit: 3 semester hours.*

FIN 633 Corporate Financial Management

Prerequisites: FIN 507. This course examines the theory of business finance and the financial techniques and tools employed by modern corporate managers. The student will be introduced to financial modeling, financial forecasting and other microcomputer applications that pertain to finance. *Credit: 3 semester hours.*

FIN 634 Investment Analysis

Prerequisites: FIN 633. This course covers the microstructure of the securities markets, trading mechanisms, investment processes, investment objectives, risk analysis and security valuation. The course examines the applicability of fundamental analysis, efficient market theory and technical analysis. Hedging and alternative investments are also covered. *Credit: 3 semester hours.*

FIN 635 Capital and Money Markets

Prerequisite: FIN 507. The course focuses on structure, operation, instruments and players of the capital markets in the United States, Japan, Europe and emerging markets. The course also discusses impact of government policy on interest rates, exchange rates, market practices, development of securities design, financial risk management and international monetary policies. *Credit: 3 semester hours.*

FIN 636 Financial Economics

Prerequisite: FIN 507. This course explores the question of market efficiency versus market inefficiency. The course explores a number of topics: the creation of corporate value, corporate governance, restructuring and mergers, the microstructure of markets and the financial economics of markets and the financial economics of multinational firms. *Credit: 3 semester hours.*

FIN 637 Equity Analytics

This course focuses exclusively on equity investment and issues related to equity investment. The examination of equity analytics should include emphasis on the financial engineering issues involving equity. A list of core topics that would be covered include the fundamental principals of equity valuation; methods of equity research; portfolio theory and quadratic optimization; arbitrage pricing theory; the role of international diversification; the difference between strategic and tactical asset allocation; and alternative methods for trading equity securities. *Credit: 3 semester hours.*

FIN 638 Fixed-Income Analytics

This course focuses exclusively on fixed income analytics and markets. The traditional yield to maturity methodology for bond valuation first gave way to a spot rate methodology, then to a forward rate methodology, and most recently to an option-based methodology. This evolving valuation methodology has led to progressively better risk-management measures and assess the risks associated with-fixed income securities containing embedded derivatives. *Credit: 3 semester hours.*

ECO 639 Government Regulation and the Securities Markets

Prerequisites: ECO 506, FIN 507. Analysis of the securities markets in terms of efficiency and investor protection; the role of the Securities Exchange Commission; securities regulation and financing corporate activities; all legislation pertaining to the securities markets. *Credit: 3 semester hours.*

FIN 643 International Corporate Finance

Prerequisite: FIN 633. This course covers scope and importance of international operations of major corporations; environment of multinational finance; sources of financing overseas subsidiaries; and tax aspects. Analysis and control of currency exposure and risk; foreign currency translation. Generous use of case materials. *Credit: 3 semester hours. Every semester.*

FIN 645 Emerging Financial Markets

Prerequisite: FIN 507. Analysis of the development of financial markets in emerging market countries, including financial institutions, equity and debt sectors, foreign exchanges and market microstructure. Consideration of factors influencing access of emerging country borrowers to international capital markets, development and regulation of foreign direct investment and portfolio investment. *Credit: 3 semester hours.*

FIN 651 Bank Financial Management

Prerequisite: FIN 507. Major variables affecting financial management of commercial banks in both national and international settings. Consideration is given to bank operations, structure and earnings. Liquidity and financial risk analysis is also given special consideration. *Credit: 3 semester hours.*

FIN 654 Advanced Corporate Finance

Prerequisites: FIN 633. Students are expected to apply financial theories and skills acquired in previous coursework in real-life cases. Instead of lecturing to students, the instructor will serve merely as a "facilitator" in class. Students are expected to commit additional efforts every week outside of class to analyze and discuss cases in study groups. *Credit: 3 semester hours.*

FIN 655 Financial Risk Management

Prerequisite: FIN 633. Topics include risk identification, risk measurement, risk monitoring and risk management/control. The primary objective is to expose students to primary areas of risk management and enable them to understand risk reports and data and their implications to the institution. *Credit: 3 semester hours.*

FIN 664 Advanced Investment Analysis

Prerequisites: FIN 633 and FIN 634. This course deals with advanced topics in investment analysis and portfolio management. The course involves an in-depth examination of the tools of modern portfolio theory and investment analysis together with specific hands-on applications of these tools. *Credit: 3 semester hours.*

Fin 668 Financial Derivatives

This course focuses on derivative instruments including futures, forwards, swaps, options, exotic derivatives, and other derivative securities. Critical issues include pricing, daily revaluation, and hedging. This requires an in-depth understanding of the valuation models employed and the assumptions that underlie these models. The course also examines how derivatives are used by banks, corporates, and investment firms to reduce financing costs, hedge price and credit risks, and to obtain return and risk profiles not otherwise achievable. *Credit: 3 semester hours.*

FIN 674 Investment Banking and Brokerage

Prerequisite: FIN 507. This course examines the business of investment banking and securities brokerage. The course studies the areas of business activities where investment banks derive their revenues. These activities include venture capital, mergers and acquisitions, underwriting, primarily dealership operations, money management, prime brokerage, proprietary trading, market making, financial engineering and financing. *Credit: 3 semester hours.*

FIN 684 Asset Management

Prerequisite: FIN 633. The course provides an opportunity for managing a live portfolio. This course examines issues involved in the management and investment strategies of various types of asset management firms. Industry executives will participate in class presentations and discussions. *Credit: 3 semester hours.*

FIN 700 Seminar in Finance

Prerequisite: *Permission of the department.* A research course designed to cover special topics of interest. coursework includes research into specialized areas, class lectures, discussions, guest lecturers, field trips and written reports. *Credit: 3 semester hours.*

BA 901; 902 Methodology of Business Research

Prerequisites: (1) *The student must have completed at least nine credits (200 level) in a major area;* (2) *The student is expected to have explored possible thesis subjects with the department Chair well in advance of taking the course;* (3) *The student must bring to the first class a Thesis Proposal Form, filled in, defining the thesis project. (These forms may be obtained from the Graduate Dean's office).*

The purpose of this course is three-fold: (1) to give the student an appreciation and understanding of research and scholarship; (2) to develop skills in research and in analysis and evaluation of problems important to the business profession; and (3) to give experience in writing clearly and convincingly on subjects in the business field.

In 901 the student is required to develop a thesis subject, obtain approval of the subject from the department Chair, draw up an outline of the thesis, complete a major portion of the research and write the introduction and first chapter of thesis. In 902 the student is required to complete the master's thesis. Hours to be arranged by the professor.

Credit: 3 semester hours.

Every semester.

ECO 925 Maintaining Matriculation

Master of Business Administration students not registered for courses during a semester must register for ECO 925 in order to maintain matriculation and return to the program for the remaining courses. *No Credit. Fee: \$50 per semester.*

Department of Law (LAW)**Law 501 Law, Ethics and Society**

This course introduces the legal and ethical environment of business and covers legal principles essential for proper managerial decision-making. Students use dynamic role-playing games to learn to recognize illegality and avoid liability while doing business successfully. *Credit: 3 semester hours.*

Law 650 Government Regulation of Business

A study of the relationship between governments and business. The course examines the goals of governments and the regulatory schemes they use to achieve these goals. It covers government regulation in the U.S. and globally, emphasizing securities markets, acquisitions, marketing, antitrust, labor and e-commerce. *Credit: 3 semester hours.*

Law 651 Principles of Business Law

This course covers the U.S. legal environment of business and in-depth legal principles of contracts, agency and business structure (partnerships, LLCs, corporations). This course is especially important for accounting majors since it covers 25% of Part 4 of the CPA exam and 10% of Part 3. *Credit: 4 semester hours.*

LAW 652 International Business Law and Negotiations

Students gain real advantages over competitors by learning how to win business competition by combining international business law, negotiating skills and problem solving. Students perfect their skills by playing an exciting international negotiating game and by forming corporations to re-live business problems faced by real CEOs. *Credit: 3 semester hours.*

Law 653 Commercial Law

Prerequisite: LAW 1310 or its equivalent. This course covers Property, Contracts and Commercial Law. This course is important for all students, but is crucial for accountants since it covers approximately 25% of one part of the CPA exam and Commercial Law (required for CPA licensure). *Credit: 3 semester hours.*

Law 654 Human Resources Law

This course covers employment law and labor law. It explains discrimination, harassment, privacy, benefits and hiring/termination policies, giving students this essential knowledge to become effective managers. International issues, problem solving and current trends are explored. *Credit: 3 semester hours.*

Department of Management (MGT)**MGT 502: Organizational Behavior and Business Ethics**

This course provides a study of the latest theoretical and empirical factors influencing human attitudinal, behavioral and ethical responses in and around organizations. Topics include individual and organizational ethics, corporate social responsibility, intra-cultural diversities, intercultural/globalization issues, leadership, group dynamics, individual motivation, organizational structure, organizational culture, human resource development and decision making. *Credit: 3 semester hours.*

MGT 509: Operations Management

World class performance in operations, i.e. product design, manufacturing, engineering and distribution, is essential for competitive success and long term survival in the global competitive environment. This course focuses on fundamental decisions and trade-offs associated with a firm's operations function. Topics include Total Quality Management, Product Design and Development, Supply Chain Management, among others. A strong emphasis is placed on applications of managerial problem-solving tools to the key concepts in Operations, including Linear programming and its applications in planning processes, Statistical Process Control tools and their application in Quality Management, Decision Making, Forecasting Models, applications to product and process planning, simulation modeling and its applications to process analysis. *Credit: 3 semester hours.*

MGT 600 Contemporary Issues in Management

An advanced seminar course designed to identify and explore contemporary forces of major significance in managing enterprises as they develop and compete within increasingly global and turbulent markets.

Credit: 3 semester hours.

MGT 604 Integrated Supply Management

Students are taught a broad coverage of supply chain management issues and related topics concerning the management of materials inflow. *Credit: 3 semester hours.*

MGT 605 Global Sourcing

This course is designed to broaden the students' perspective to identify and seize the sourcing opportunities around the globe to improve the organization's competitiveness. *Credit: 3 semester hours.*

MGT 607 Logistics and Transportation Management

This course offers a comprehensive overview of inbound and outbound logistics and transportation issues and related topics concerning the management of the materials flow.

Credit: 3 semester hours.

MGT 621 Decision Support Systems

Students are taught conceptualization and model-building tools to increase their management problem solving and decision making. *Credit: 3 semester hours.*

MGT 622 Management Information Systems

Students learn how to use procedures and techniques essential for the design, measurement and evaluation of key business processes and the function of related complex information systems, which comprise the information network of the modern business firm.

Credit: 3 semester hours.

MGT 623 Human Resource Management

This course teaches the students how to effectively manage human resources. The course includes an analysis of the principles and practices of effective manpower administration and how their implementation can contribute to the attainment of organizational goals and objectives. *Credit: 3 semester hours.*

MGT 625 Materials Resource Management

This course teaches students how to efficiently manage the materials flow. It provides a conceptualization of the business entity as an operational system that transforms inputs into outputs. This course concentrates on the design, operations and controls of the process. *Credit: 3 semester hours.*

MGT 627 Health Care Management

This course is designed as an introduction to Health Care Delivery Systems, focusing on contemporary issues in management and leadership of health care organizations. Building on the strengths of the St. John's core courses in management, this course introduces students to a body of knowledge unique in the health care industry, highlighting the challenges of leading and managing in a complex and growing industry. Students will attain durable business skills and an understanding of industry dynamics amidst a rapidly changing health care delivery environment. In sum, this course will provide students with theoretical and applied knowledge of the Health Services Management field, emphasizing practical and applied skills on becoming a successful manager and leader in the health care services industry.

Credit: 3 semester hours.

MGT 628 Operations Management Systems

In this course, students learn how to apply management information systems integration concepts and theory to operations management in both service and manufacturing areas. The applications are presented within an integrated business process and information flow framework. *Credit: 3 semester hours.*

MGT 631 Leadership, Ethics, Business and Society: Managing in the 21st Century

This course examines the theoretical underpinnings that determine effective leadership styles and their impact upon business and society at large. *Credit: 3 semester hours.*

MGT 632 Innovations in Organizational Behavior

In this course students examine the contributions of behavioral science to the management process. *Credit: 3 semester hours.*

MGT 640 Entrepreneurship

Students learn how to plan and implement a new venture. Entrepreneurial processes are examined in the context of organizing a planning team, isolating key planning premises and establishing objectives, strategies and policies to achieve planning and operational success. Planning and control are examined and practiced from the perspective of entrepreneurs who develop ideas for new ventures, then marshal and manage the resources to bring their ideas to reality. The course uses case studies, application projects and oral and written reports. *Credit: 3 semester hours.*

MGT 650 Management and Administrative Process of Web-Based Entrepreneurial Business

In this course students learn how to develop and manage a cyber-space entrepreneurial business. The course examines case studies and existing companies on the Web, both successful and unsuccessful ones.

Credit: 3 semester hours

MGT 651 Creating an E-Commerce Business

An integrated review of the impact of the Internet on business, especially in the areas of business-to-consumer and business-to-business e-commerce. In this course students learn how to carry out the basic steps involved in developing and managing an e-commerce venture, whether as an independent venture or in conjunction with an established business.

Credit: 3 semester hours

MGT 652 Seminar in International Management

This course enables the student to learn how to organize and manage an international enterprise. *Credit: 3 semester hours*

MGT 654 Global Information Systems

This course enables the students to develop and manage the integrated information systems needed to manage multinational organizations. *Credit: 3 semester hours.*

MGT 659 International Business Policy

This course enables the students to learn how to formulate business policies for international enterprises, both existing and new ones. The course focuses on management problems and functions—enterprise-wide and operational—of international companies.

Credit: 3 semester hours.

MGT 680 Organizational Development: Managing for Change

This course enables students to acquire skills in improving the performance of individuals, groups and organizations, especially in situations involving major change.

Credit: 3 semester hours.

MGT 685 Managing and Staffing Virtual Organizations

As a result of increasing global competition, rapid change and other pressures, organizations are engaging in many new forms of business organization utilizing outsourcing, strategic alliances, etc. *Credit: 3 semester hours.*

MGT 690 E-Commerce Impacts on Organizations

The course provides a foundation for effectively developing and applying electronic commerce (EC) within an existing organization by utilizing techniques such as, among others, the training and development of its existing work force.

Credit: 3 semester hours.

MGT 695 Seminar in Human Factors in MIS Management

This course provides an overview of the procedures and practices used in effectively developing, using and disseminating management information from the human psychological and physical perspective.

Credit: 3 semester hours.

MGT 700 Seminar in Business Policy Formulation

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 business strategies; how to implement these strategies through translating them into operational policies and action; and how to exercise strategic control. *Credit: 3 semester hours.*

BA 901; 902 Methodology of Business Research

Prerequisites: (1) The student must have completed at least nine credits (200 level) in a major area. (2) The student is expected to have explored possible thesis subjects with the department Chair well in advance of taking the course. (3) The student must bring to the first class a Thesis Proposal Form, completed, defining the thesis project. (These forms may be obtained from the Graduate Dean's office).

The purpose of this course is three-fold:

- (1) to give the student an appreciation and understanding of research and scholarship;
- (2) to develop skills in research and in analysis and evaluation of problems important to the business profession; and
- (3) to give experience in writing clearly and convincingly on subjects in the business field.

In BA 901 the student is required to develop a thesis subject, obtain approval of the subject from the department Chair, draw up an outline of the thesis, complete a major portion of the research and write the introduction and first chapter of the thesis.

In BA 902 the student is required to complete the master's thesis. *Hours to be arranged by professor. Credit: 3 semester hours.*

MGT 925 Maintaining Matriculation

Master of Business Administration students not registered for courses during a semester must register for MGT 925 in order to maintain matriculation and return to the program for the remaining courses. *No Credit.*

Fee: \$50 per semester.

Department of Marketing (MKT)**MKT 508 Marketing Management**

The course focuses on formulating and implementing marketing management strategies and policies. The course provides a systematic framework for understanding marketing management and strategy in an ever changing business environment. Course topics include marketing planning, scanning the environment, growth strategies, understanding and predicting behavior of consumers and competitors, the Internet as a strategic resource, global marketing and so forth. *Credit: 3 semester hours.*

MKT 601 Marketing Research

Prerequisite: MKT 150. Marketing research is treated as a tool utilized by management in exploration, examination and evaluation of marketing problems and opportunities and the role of marketing research in the firm's marketing information system (MIS).

Credit: 3 semester hours.

MKT 603 Dynamics of Consumer Motivation and Behavior

Prerequisite: MKT 508. This course acquaints the student with the basic factors affecting the behavior of consumers—a key element of the business environment. The subject matter draws primarily upon contributions from economics, psychology and social psychology.

Credit: 3 semester hours.

MKT 606 Advertising Management

Prerequisite: MKT 508. Management of the advertising process is portrayed as the coordination of the firm, the advertising agency and the media in the activities required to develop creative strategies and to execute the advertising campaign. *Credit: 3 semester hours.*

MKT 608 Sales Administration and Strategy

Prerequisite: MKT 508. The course focuses on the varying nature of the problems which confront the sales manager and the type of approaches which may be useful in resolving them. The course also aims at enhancing understanding of sales management functions among all marketing managers.

Credit: 3 semester hours.

MKT 610 Product Management

Prerequisite: MKT 508. Product development is studied as a continuous and planned activity within the firm requiring permanent organizational status. *Credit: 3 semester hours.*

MKT 611 Data Analysis in Marketing Research

Prerequisites: MKT 508, DS 504. The objective of this course is to familiarize the marketing student with various multi-variate statistical procedures that are being used in analysis of marketing data. *Credit: 3 semester hours.*

MKT 623 Contemporary Marketing Strategies

Prerequisites: MKT 508. The student is placed in the role of the principal marketing manager and decision making skills are sharpened via the liberal use of business cases and computer simulation marketing games.

Credit: 3 semester hours.

MKT 626 International Marketing

Prerequisite: MKT 508. This course focuses on the growing importance of the international marketing operations of multinational firms. The student's perception of marketing management's domain is expanded from the domestic environment to the global market place. *Credit: 3 semester hours.*

MKT 628 Comparative Marketing Systems and Research

Prerequisite: MKT 508. A comparative analysis of the similarities and differences in foreign marketing systems, with special emphasis upon structures, functions, institutions, productivity and environment. *Credit: 3 semester hours.*

MKT 630 Marketing of Services

Prerequisite: MKT 508 or equivalent. Explores the unique characteristics and techniques of service marketing management. Consumer behavior, the marketing mix and future developments in the marketing of services are examined thoroughly. *Credit: 3 semester hours.*

MKT 631 Business to Business (E-Commerce) Marketing

Prerequisite: MKT 508. The distinctive nature of the marketing function with the industrial goods/service firm is isolated for study. *Credit: 3 semester hours.*

MKT 633 Marketing in East Asia

Prerequisite: MKT 508. An analysis of the economic, political, social and cultural factors affecting marketing and consumer behavior in East Asian countries. Research concerning their marketing structures, strategies, problems, institutions, patterns, promotions and opportunities. *Credit: 3 semester hours.*

MKT 634 Marketing of Financial Services

Prerequisite: Any one of the following: MKT 508; MGT 502; FIN 508 or DS 504. This course is divided into three main modules. The first module explores the strategic situation, which characterizes financial services and provides an overview of financial services businesses. *Credit: 3 semester hours.*

MKT 635 Strategic Internet Marketing

This course examines the dynamic interrelationship between the Internet and Marketing – that is, the impact of the Internet on marketing practices and the creation of marketing strategy for the effective functioning on the Internet. In particular, the course will enable students to secure an understanding of marketing and Internet issues, conceptualize aspects of consumer-drive approaches to doing business on the Internet, and an opportunity to serve as consultants to a real world firm.

The course has been especially designed to meet the career needs of MBA students who are seeking a comprehensive and flexible skill set; one that will enable them to comfortably deal with both "traditional" and "new" models of satisfying customers' needs with respect to the Internet.

Credit: 3 semester hours.

MKT 700 Marketing Seminar on Special Interest Topics

Prerequisite: MKT 508. A research course designed to cover special topics of interest. coursework includes research into specialized areas, class lectures, discussions, guest lecturers, field trips and written reports. *Credit: 3 semester hours.*

MKT 701 Seminar in Current International Marketing Topics

Prerequisite: MKT 508. Critical analysis of current problems, issues and developments; the relationship between international marketing functions, processes and institutions and changes in the general social, cultural, economic and political environment. Topics reflect the frontiers of research and current state of the art. *Credit: 3 semester hours.*

MKT 702 International Marketing Seminar Abroad

Prerequisite: MKT 508. The student examines the economic, political, legal, cultural and social forces affecting the international marketing position of the United States and other selected countries; development of global marketing policies, trade with developed and developing countries. *Credit: 3 semester hours.*

BA 901; 902 Methodology of Business Research

Prerequisites: (1) The student must have completed at least nine credits (200 level) in a major area. (2) The student is expected to have explored possible thesis subjects with the department Chair well in advance of taking the course. (3) The student must bring to the first class a Thesis Proposal Form, completed, defining the thesis project. (These forms may be obtained from the Graduate Dean's office).

The purpose of this course is three-fold: (1) to give the student an appreciation and understanding of research and scholarship; (2) to develop skills in research and in analysis and evaluation of problems important to the business profession; and (3) to give experience in writing clearly and convincingly on subjects in the business field.

In BA 901 the student is required to develop a thesis subject, obtain approval of the subject from the department Chair, draw up an outline of the thesis, complete a major portion of the research and write the introduction and first chapter of the thesis.

In BA 902 the student is required to complete the master's thesis. Hours to be arranged by the professor. *Credit: 3 semester hours.*

MKT 925 Maintaining Matriculation

Master of Business Administration students not registered for courses during a semester must register for MKT 925 in order to maintain matriculation and return to the program for the remaining courses. *No Credit. Fee: \$50 per semester.*

School of Risk Management, Insurance and Actuarial Science (RMI)

RMI 601 Management of Risk

Financial objectives of corporate risk management process, empirical evidence of how and why firms manage risk, institutional environment and regulations of risk management. Results in students able to jointly manage pure and financial risk. *Credit: 3 semester hours.*

RMI 602 Risk Analysis Methods

Research tools and data sources for risk evaluation. Emphasis on computer-aided applications. Results in students able to produce credible analysis reports on risk and its consequences. *Credit: 3 semester hours.*

RMI 604 Risk Pricing Methods

Pricing contingent claims and future uncertain cash flows. Impact of pure and financial risk on the cost of equity capital. Emphasis on computer-aided application. Results in students able to model the risk tolerance level of firms. *Credit: 3 semester hours.*

RMI 605 Strategic Policy for Insurers

The course investigates how insurance firms can create economic value for their shareholders subject to regulatory constraints. The course limits the scope of its examination to the insurance entities required to file their annual statements with the Securities and Exchange Commission. Students' investigation is consistent with the perspectives of mainstream economic and finance concepts and practice. Students investigate in depth insurer capital structure, corporate governance and internal control issues, risk-return drivers and growth options. Students are encouraged to develop best practices solutions to challenges facing insurance firms in the areas of the students' investigation. *Credit: 3 semester hours.*

RMI 606 Insurance and Advanced Risk Strategies

Combine best insurance and financial practices into innovative solutions for managing exposure to risk. Results in students able to design comprehensive solutions to corporate risk. *Credit: 3 semester hours.*

RMI 607 Operational Finance for Insurers

Ratemaking, reserving, investing, allocating capital and asset liability management. Results in students able to arrange the finances of (re)insurers to meet policyholder obligations and create economic value for owners. *Credit: 3 semester hours.*

RMI 609 Property and Liability (Re)Insurance

Underwriting, claims administration, financial reporting and rate making for insurable property and liability risks. Results in students able to structure reinsurance programs to finance risk. *Credit: 3 semester hours.*

RMI 610 Life-Health Insurance and Employee Benefits

Funding premature death, medical care costs, unexpected loss of income and retirement. Results in students able to identify, measure and fund the consequences of personal loss. *Credit: 3 semester hours.*

RMI 611 Cases on Risk, Insurance and Banking

Students collaborate to critically analyze, innovate, investigate and form solutions to risk-related, managerial challenges. Published cases, business simulations, accident investigation reports or primary data frame the challenges. *Credit: 3 semester hours.*

RMI 614 Risk Funding Tools

Derivatives, swaps, hybrid securities, indexed debt, contingent financing and insurance. Results in students able to hedge pure and financial risk singularly and jointly. (*Coordinated calendar with RMI 204.*) *Credit: 3 semester hours.*

BA 901; 902 Methodology of Business Research

Prerequisites: (1) The student must have completed at least nine credits (600 level) in a major area. (2) The student is expected to have explored possible thesis subjects with the department Chair well in advance of taking the course. (3) The student must bring to the first class a completed Thesis Proposal Form, defining the thesis project. (These forms may be obtained from the Graduate Dean's office).

The purpose of this course is three-fold: (1) to give the student an appreciation and understanding of research and scholarship; (2) to develop skills in research and in analysis and evaluation of problems important to the business profession; and (3) to give experience in writing clearly and convincingly on subjects in the business field.

In BA 901 the student is required to develop a thesis subject, obtain approval of the subject from the department Chair, draw up an outline of the thesis, complete a major portion of the research and write the introduction and first chapter of the thesis.

In BA 902 the student is required to complete the master's thesis. Hours to be arranged by the professor. *Credit: 3 semester hours.*

RMI 925 Maintaining Matriculation

Master of Business Administration students not registered for courses during a semester must register for RMI 925 in order to maintain matriculation and return to the program for the remaining courses. *No Credit. Fee: \$50 per semester.*

For a complete listing of approved courses, please contact your Dean's office.

Richard A. Highfield, Dean and Professor of Economics and Finance, B.A., Stanford University, M.B.A., Santa Clara University, Ph.D., University of Chicago

Ivan Abel, Assistant Professor of Marketing, B.E.E., The City College, The City University of New York; M.B.A., Baruch College; Ph.D., The City University of New York

John Angelidis, Professor of Management, B.S., M.S., Ph.D., Georgia State University

Mark Aquilio, CPA, Associate Professor of Accounting and Taxation, B.S., J.D., Fordham University; LL.M., New York University

Deosaran Bachoo, Assistant Professor, Baruch College; M.S., Florida International University

Ibrahim Badawi, CPA, Professor of Accounting and Taxation, B.Comm., Cairo Technical Institute, Egypt; M.B.A., Ph.D., New York University

Glenn Baigent, Assistant Professor of Finance and Economics, M.B.A., St. Mary's University, Canada; Ph.D., Kent State University

Vipul K. Bansal, Associate Professor of Finance, B.A., Jiwaju University; M.B.A., University of Delhi; Ph.D., University of Mississippi

James Barrese, Professor of Risk Management and Insurance, Robert F. Caroon Academic Chair, B.S., Ph.D., Rutgers University

Richard Bennett, R.P.L.U., C.P.C.U., A.R.M., A.R.E., A.I.C., A.M.I.M., A.U., A.I.M., A.I.A., A.P.I., A.R.C., Assistant Professor of Risk Management and Insurance, B.A., M.B.A., College of Insurance; M.A., Queens College

Tony H. Bonaparte, Professor of Management, B.B.A., M.B.A., St. John's University; Ph.D., New York University; D. Hum. (Hon.) Southeastern University

Larry W. Boone, Director, Executive in Residence program and Associate Professor of Management, B.S.I.E., Lehigh University; M.S.I.E., Ph.D., University of Pittsburgh

Bruce Bosworth, Professor of Computer Information Systems and Decision Sciences, B.S., M.B.A., Ph.D., New York University

Thomas Boyd, CPA, Professor of Accounting and Taxation, B.B.A., St. John's University; M.B.A., New York University

M. Northrup Buechner, Associate Professor of Economics, A.B., Lawrence University; Ph.D., University of Virginia

Patrick A. Casabona, Professor of Accounting and Taxation, B.A., Iona College; M.B.A., Ph.D., Baruch College of the City University of New York

Chiang-Nan Chao, Professor of Management, B.A., Jilin University, China; M.B.A., Lamar University; Ph.D., Arizona State University

Thomas P. Chen, Professor of Economics and Finance, B.A., Tunghai University; M.A., State University of New York at Buffalo; Ph.D., City University of New York

Young Back Choi, Professor of Economics, B.A., SUNY Old Westbury; M.A., Ph.D., University of Michigan

Yeong C. Choi, CPA, Associate Professor of Accounting and Taxation, B.A., M.A., M.S., YeungNam University, Korea; M.S., University of Delaware; Ph.D., Drexel University

Charles M. Clark, Associate Dean for Academic Affairs and Professor of Economics, B.A., Fordham University; M.A., Ph.D., New School for Social Research

Sylvia Clark, Associate Professor of Marketing, B.B.A., Baruch College, M.B.A., New York University; Ph.D., Baruch College

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Richard J. Coppinger, CPA, Adjunct Associate Professor of Accounting and Taxation, B.B.A., St. John's University; M.B.A., New York University

Gerald P. Cusack, Associate Professor of Management, B.A., M.B.A., St. John's University; M.A., New School for Social Research; Ph.D., New York University

Teresa M. Danile, CPA, CMA, Chair and Associate Professor of Accounting and Taxation, B.B.A., M.B.A., Pace University, Ed.D., St. John's University

E. Lawrence Deckinger, Distinguished Professor of Marketing, B.S., M.S., Ph.D., New York University

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John W. Dobbins, Jr., Chair, and Associate Professor of Marketing, B.B.A., Manhattan College; M.B.A., Baruch College; Ph.D., New York University

A. Noel Doherty, Professor of Marketing, B.S., Fordham University; Ph.D., Tulane University

Nina T. Dorata, CPA, Assistant Professor of Accounting and Taxation, B.S., MBA, St. John's University, Ph.D., Rutgers University

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Leonora Fuxman, Associate Professor of Management, B.S., Kiev State University, Ukraine; M.A., Ph.D., Wharton School, University of Pennsylvania

Joseph A. Giacalone, Professor of Economics, Henry George Chair, B.A., Ph.D., Columbia University; M.B.A., St. John's University

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Iris Mohr, Associate Professor of Marketing, B.S., SUNY at Albany; M.A., Hebrew University; M.B.A., Ph.D., Baruch College

Chaman Lal Jain, Professor of Economics, B.A., M.A., Punjab University, India; M.A., Vanderbilt University; Ph.D., American University

Jaeseok Jeong, Assistant Professor of Marketing, B.E., Hankuk University of Foreign Studies, Korea, M.A., Ph.D., University of Texas at Austin

Shreekant G. Joag, Associate Professor of Marketing, B. Tech. Mech., Indian Institute of Technology; B.A., Indian Institute of Management; Ph.D., Oklahoma State University

Sreedhar Kavil, Chair and Associate Professor of Marketing, B.A., Madros University; B.Com., LL.B., M.B.A., Calcutta University; M.B.A., Long Island University; D.P.S., Pace University

Gerard M. Kelly, Assistant Professor of Risk Management and Insurance, B.B.A. The College of Insurance, M.B.A.

Richard Klein, Instructor of Marketing and Coordinator of Advertising Competition, B.S., John Hopkins University; M.B.A., Wharton School, University of Pennsylvania

Deborah Kleiner, Associate Professor of Law, B.A., Brooklyn College; J.D., New York University School of Law

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Takeshi Nishikawa, Assistant Professor of Economics and Finance, B.S., Georgia Southern University, Ph.D., Texas Tech University

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Ronnie Rong Qi, Assistant Professor of Economics and Finance, B.S., Renmin University, China; M.A., Ohio State University; Ph.D., Columbia University

Jack Raisner, Professor of Law, Boston University, J.D. Cardoza School of Law, Yeshiva University

Srinivasa Ramanujam, A.S.A., E.A, Associate Professor of Risk Management and Insurance, Ph.D., Brown University; Master's, Madras University (India)

William Reisel, Assistant Professor of Management, M.A., M.B.A., Ph.D., The City University of New York

Henry O. Ruhnke, Associate Professor of Management, B.B.A., M.B.A., City College of New York

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Manuel G. Russon, Associate Professor of Decision Sciences, B.A., University of Pittsburgh; M.A., Ph.D., University of Mississippi

Anthony Sabino, Associate Professor of Law, B.S., J.D., St. John's University

Eberhard E. Scheuing, Professor Emeritus, M.B.A., Ph.D., University of Munich, Germany; CPM, APP, NAPM, Professor of Purchasing and Supply Leadership

Leon G. Schiffman, Professor of Marketing, J. Donald Kennedy Endowed Chair in E-Commerce, B.B.A., Pace University; M.B.A., City College of New York; Ph.D., City University of New York

Nicos A. Scordis, Ph.D., Associate Professor of Risk Management and Insurance, John R. Cox/ACE Ltd. Chair of Risk and Insurance, Ph.D., University of South Carolina, M.B.A., University of Georgia; B.S., Florida State University

Victoria Shoaf, CPA, Associate Professor of Accounting and Taxation, B.A., California State College; M.B.A., Pace University; Ph.D., Baruch College, City University of New York

Eugene J. Sullivan, University Professor for Strategic Planning, Executive-in-Residence Program; Chairman Emeritus, Executive Committee, Borden, Inc., B.S., St. John's University; M.B.A., New York University; D.C.S. (Hon.), St. John's University

Ralph A. Terregrossa, Associate Professor of Economics, B.A., SUNY Cortland; M.A., Ph.D., SUNY Binghamton

James W. Thompson, CPA, Professor of Accounting and Taxation, B.S., M.B.A., Fordham University; Ed.D., Columbia University

Igor Tomic, Associate Professor of Economics and Finance, B.S., M.A., CUNY Queens College; Ph.D., City University of New York

Farok Vakil, Associate Professor of Computer Information Systems and Decision Sciences, B.S., National University, Tehran, Iran; M.B.A., LaSalle University; M.S., Ph.D., Temple University

Athanasios Vasilopoulos, Associate Professor of Computer Information Systems and Decision Sciences, B.E.E., M.E.E., Ph.D., New York University

Raja Vatti, Associate Professor of Computer Information Systems and Decision Sciences, B.A. Andhra University, India; M.S., Emory University; M.B.A., Iona College; Ph.D., New York University

Lawrence A. Wander, Associate Professor of Law, B.A., Notre Dame College; J.D., Seton Hall University

Charles Wankel, Associate Professor of Management, B.B.A., Iona College; M.B.A., Ph.D., New York University

Itzhak Wirth, Professor of Management, B.Sc., Technion-Israel Institute of Technology; M.B.A., INSEAD, Fontainebleau, France; M.S., Ph.D., University of California at Berkeley

Kwok-Fai Matthew Wong, Associate Professor of Economics and Finance, B.A., Acadia University, Canada; M.B.A., University of Manitoba, Canada; J.D., Fordham University; Ph.D., University of Mississippi

Raynard A. Zollo, CPA, Associate Professor of Accounting and Taxation, B.B.A., Baruch College; M.B.A., St. John's University

College of Pharmacy and Allied Health Professions

Robert A. Mangione, B.S. Phm., M.S., P.D., Ed.D.

Dean

Joseph M. Brocavich, B.S. Phm., Pharm.D.

Associate Dean

Laura M. Arvin, O.P., B.A., M.A., P.D.

Assistant Dean

Joseph V. Etzel, B.S. Phm., Pharm.D.

Assistant Dean

John-Emery Konecni, B.S., M.A., Ph.D.

Assistant Dean

Objectives

The Graduate Division of the College of Pharmacy and Allied Health Professions, in harmony with the mission of the University, prepares students for positions in industry, health care facilities, pharmacy practice, governmental agencies and education. The College provides an opportunity for students to develop and maintain scholarly growth in the pharmaceutical, industrial, biomedical and allied health sciences. In order to meet these objectives, the College offers programs at the master's level in pharmaceutical sciences, toxicology and pharmacy administration. Thesis and non-thesis options are available in all programs leading to the Master of Science degree except the specialty track in biopharmaceutical technology. The College of Pharmacy and Allied Health Professions also offers a program of study in pharmaceutical sciences leading to the Doctor of Philosophy degree and a program of study in pharmacy leading to the Doctor of Pharmacy degree.

Master of Science Degrees

Programs of Study

The programs leading to the Master of Science degree are designed to enable individuals to be skilled in the areas of pharmaceutical sciences, toxicology, basic and applied biomedical sciences and allied health. Graduates are prepared for positions in industry, research, education and health care settings. Master's students are equipped with the skills to interpret and critically review research and integrate theoretical knowledge to provide solutions to practical problems.

The Graduate Division of the College of Pharmacy and Allied Health Professions offers the following programs of study leading to the Master of Science degree:

Pharmaceutical Sciences

Specialization in: Biopharmaceutical Technology; Industrial Pharmacy; Medicinal Chemistry; Pharmacology; Pharmacotherapeutics

Pharmacy Administration

Specialization in: Pharmaceutical Marketing; Regulatory Affairs/Quality Assurance

Toxicology

Double Master's Degree Program

This leads to an M.S. in Pharmaceutical Sciences and an M.L.S. in Library Science. This dual master's program is offered in conjunction with the Division of Library and Information Sciences of the St. John's College Graduate Division of Liberal Arts and Science.

Entrance and Degree Requirements

Applicants with strong credentials in the sciences are considered for admission to the master's programs. All applicants to the master's programs must submit scores from the Graduate Record Examination, two letters of recommendation and a statement of goals in support of their application. Other specific requirements depend on the particular degree program chosen by the student. Graduate students who have certain deficiencies in their undergraduate curriculum may be required to enroll in graduate or undergraduate courses to remedy these deficiencies. These remedial courses provide no credit towards the master's degree. Students are notified of the specific requirements upon acceptance into the program.

Program Requirements

Pharmaceutical Sciences

Students who plan to undertake graduate work in the master's programs in pharmaceutical sciences must hold an appropriate baccalaureate degree with a major in pharmacy or in one of the physical, chemical or biological sciences.

For graduate study in pharmaceutical sciences with a specialization in pharmacotherapeutics, a baccalaureate degree with a major in pharmacy, nursing, or physician's assistant is required.

Pharmacy Administration

For graduate study in pharmacy administration with a specialization in pharmaceutical marketing, applicants should possess a baccalaureate degree in pharmacy; however, those possessing a bachelor's degree in business administration are considered. The latter may be required to take certain undergraduate pharmacy adminis-

tration courses in order to rectify any deficiencies.

The Regulatory Affairs/Quality Assurance Program provides comprehensive knowledge for Regulatory Affairs (RA) and Quality Assurance (QA) professionals seeking employment or career advancement in pharmaceutical companies, hospitals, governmental agencies, health care organizations and academia.

Toxicology

Students who plan to undertake graduate work in the master's programs in toxicology must hold an acceptable baccalaureate degree with a major in pharmacy or in one of the physical, chemical or biological sciences.

Double Master's Degree Program in Pharmaceutical Sciences and Library Science

Students with an appropriate bioscience background may apply for admission to the double master's program. The M.S. in pharmaceutical sciences is awarded with a specialization in pharmacology.

Degree Options

Two options are offered within most programs leading to the Master of Science degree. The thesis option (Plan A) requires 24 semester hours of coursework (exclusive of prerequisites) and a thesis project for which a minimum of six semester hours of credit are required. Students that are accepted under the thesis option are permitted to take more than 24 semester hours of coursework subject to approval of the Dean. The non-thesis option (Plan B) requires additional coursework in lieu of the thesis (a minimum total of 33 semester hours of coursework, exclusive of prerequisites). *Students are typically required to complete the degree program option (thesis or non-thesis) for which they have been accepted.*

Degree Requirements

Master of Science Programs

| | |
|---|---------------------------------------|
| Residency* | One Year |
| Time Limit on Credit | Five Years |
| Minimum Credit in Semester Hours: Thesis Option | 30 (24 Coursework; 6 Thesis Research) |
| Minimum Credit in Semester Hours: Non-Thesis Option | 33 to 36 (Coursework) |
| Comprehensive Examination | Required (for Plan B) |
| Graduate Record Examination | Required |

* Residency for the Master of Science degree requires completing six credits per semester for two consecutive semesters.

Double Master's Degree Program

| | |
|---|-----------------------------|
| Library Science | 24 semester hours of credit |
| Pharmaceutical Sciences (Pharmacology) | 21 semester hours |
| Exchange of credits applied toward the completion of both degrees | 12 semester hours |
| TOTAL | 57 semester hours |

Doctor of Pharmacy Degree: Practitioner Option

Entrance Requirements

- The candidate must be a graduate of an ACPE accredited Pharmacy program or have a B.S. degree in pharmacy with a license to practice pharmacy in the U.S. and have documented clinical experience equivalent to a community externship, hospital externship, inpatient clerkship and an elective rotation.
- The candidate must submit a University application, transcripts of all college coursework, three letters of recommendation and a personal statement of goals.
- Candidates must also supply a comprehensive curriculum vitae for evaluation.
- Selected applicants may be required to complete a personal interview.

Degree Requirements

| | |
|-----------------------------------|--------------|
| Residency* | One Year |
| Time Limit | Five Years |
| Minimum Credit in Semester Hours: | 37 credits |
| Comprehensive Examination: | Required |
| Graduate Record Examination: | Not Required |

*Residency for the Doctor of Pharmacy degree requires completing two courses per semester for two consecutive semesters.

Curriculum

The curriculum consists of 37 credits. A total of 22 credits are didactic and 15 credits are experiential (rotations).

| I. Didactic Coursework | Credits |
|---|-----------|
| CPP 301 Advanced Therapeutics I | 3 |
| CPP 302 Advanced Therapeutics II | 3 |
| CPP 303 Physical Assessment | 1 |
| CPP 304 Advanced Pathophysiology | 3 |
| CPP 308 Drug Information and Drug Literature Evaluation | 3 |
| CPP 322 Applied Clinical Pharmacokinetics | 3 |
| Elective | 3 |
| Elective | 3 |
| Total Credits | 22 |

| II. Clinical Experience | Credits |
|------------------------------|-----------|
| Inpatient Care | 3 |
| Ambulatory Care | 3 |
| Elective Rotation | 3 |
| Elective Rotation | 3 |
| Elective Rotation | 3 |
| Total Credits | 15 |
| Total program credits | 37 |

Credit for Learning Derived From Experience

Credits are granted for life experience. Such credits are awarded based on review of the student's portfolio and evaluation by the clinical faculty. Life experience credits are awarded only in selected areas of clinical experiential training. The student may apply for a waiver of a maximum of one rotation.

Doctor of Philosophy Degree

The program in pharmaceutical sciences leading to the Doctor of Philosophy degree prepares graduates for leadership roles in meeting the evolving needs in pharmaceutical and biomedical education, research and industry. The Doctor of Philosophy degree program is offered with areas of specialization in:

- Industrial Pharmacy
- Pharmacology
- Toxicology
- Medicinal Chemistry

Entrance Requirements

An applicant seeking acceptance in the Doctor of Philosophy program must have completed an appropriate baccalaureate or master's degree program. This degree must be in the natural or physical sciences and may include degrees in the pharmaceutical sciences, toxicology, biology or chemistry. Other degree areas are considered on a case by case basis by the Admissions Committee.

- Basic minimum requirements for a student with an undergraduate degree include:
 - a) An undergraduate grade point average of 3.5 or better
 - b) Suitable Graduate Record Examination (General Exam) scores
 - c) Two letters of recommendation
 - Basic minimum requirements for a student with a suitable master's degree include:
 - a) A graduate grade point average of 3.0 or better
 - b) Suitable Graduate Record Examination (General Exam) scores
 - c) Two letters of recommendation
- Prior to registration, the student must receive written confirmation from the Office of Admission as to the approval of matriculation in the doctoral program. Post M.S. courses completed prior to acceptance in the Ph.D. program may not be applied toward the Ph.D. degree requirements. The admissions committee may require that certain deficiencies be

remedied during the first year of the Ph.D. program. Admission to the doctoral program does not imply advancement to candidacy for the degree. Additional requirements, including satisfactory completion of the core curriculum, passing the qualifying examination, passing the oral presentation of the research proposal and the establishment of the Ph.D. research committee must be fulfilled before a graduate student may be considered a candidate for a degree. The Ph.D. research committee is responsible for assisting the candidate in his/her research, but the primary responsibility for successfully completing the research and dissertation rests with the candidate.

Students must take PAS 265 Scientific Inquiry: Regulation and Ethical Challenges on a Pass/Fail basis. These credits do not apply toward degree.

Program of Study

The program of study consists of a minimum of 60 semester hours beyond the bachelor's degree or a minimum of 30 semester hours beyond the master's degree, exclusive of prerequisites and dissertation research. The coursework for each student consists of a core curriculum and a specialization curriculum that is determined in consultation with the faculty mentor. In some cases, students may be required to complete more than the minimum number of credits in their area of specialization or a minor field of study in order to make up any deficiencies which may exist.

Curriculum

| Core Curriculum: | Credits |
|--|---------------|
| PHS 212 Applied Biopharmaceutical Chemistry | 3 cr. |
| or | |
| PAS 241 Advanced Biopharmaceutics | 3 cr. |
| PAS 252 Biostatistics (industrial pharmacy only) | 3 cr. |
| PHS 251 Seminar in the Pharmaceutical Sciences | 0 cr. |
| PHS 253 Seminar in the Pharmaceutical Sciences | 0 cr. |
| PHS 254 Seminar in the Pharmaceutical Sciences | 1 cr. |
| PHS 256 Pharmaceutical Analysis Laboratory | 3 cr. |
| Total | 10 cr. |

All core requirements must be completed within the first two years of study. The specific curriculum for a specialization area will be determined in consultation with the doctoral student's faculty mentor.

Degree Requirements

| | |
|--------------------------------------|---|
| Residency | 24 credits or equivalent in a 24-month period (including summer) |
| Time Limit on Credit | Seven years |
| Minimum Credit in Semester Hours | 15 credits of coursework beyond the M.S. degree plus basic requirements in area of specialty subject to the Doctoral Committee; 45 credits of coursework beyond the baccalaureate degree. |
| Qualifying/Comprehensive Examination | Required |
| Graduate Record Examination | Required |
| Dissertation Research | Minimum of 15 credits of Dissertation Research (PAS 950, PHS 950) |

The Research Tool consists of:
FRE 0101, 0102
GER 0101, 0102
MTH 165, 166
or
PAS 265.

Thesis and Dissertation Research

All candidates for the Ph.D. degree must conduct an original laboratory investigation. All master's students electing the thesis option, must conduct an original laboratory, administrative or clinical investigation. The results are reported in the form of a written dissertation that must be presented and defended at an oral examination. All thesis and dissertation candidates must take the appropriate 900 level research course each semester from completion of comprehensive examination requirements up to and including the semester in which the thesis or dissertation is defended. All laboratory research must be conducted at the University, unless explicitly authorized by the Ph.D. or master's committee.

Examinations and Grading

Graduate degree requirements for all programs include a required number of course credits with satisfactory grades indicative of scholarship. All master's and Pharm.D. students must take and pass a comprehensive examination. Master's students that are enrolled in the thesis option (Plan A) must satisfy the comprehensive examination requirement by completing a research project and submitting and orally defending the written thesis.* Ph.D. students are required to take and pass a qualifying comprehensive examination. Ph.D. students must also complete a research project and submit and successfully orally defend a written dissertation. (Ph.D. students should consult the College Doctoral Handbook for details concerning degree requirements.)

Academic Standing

Students in the graduate programs are required to receive at least a "B" grade in all courses. If a student receives a grade of less than a "B", or their G.P.A. falls below 3.0, the student's program will automatically become subject to review. Such a review may result in academic dismissal. Master's and Pharm.D. students who receive more than two grades less than "B" are typically considered for academic dismissal. Ph.D. students who receive more than one grade less than "B" are typically considered for academic dismissal. Ph.D. students should consult the College doctoral handbook for details concerning academic status review and dismissal.

*M.S. students should consult the M.S. candidate handbook for further details.

Department of Clinical Pharmacy Practice (CPP)

Program of Study

The objective of the Department of Clinical Pharmacy Practice is to prepare doctor of pharmacy students and practitioner option students for leadership roles in clinical pharmacy practice. The individual programs are designed to provide the student with the requisite knowledge, skills and attitudes to be an effective practitioner in the patient care setting.

Courses

CPP 205 Controversies in Therapeutics

This course is oriented to an overview of new issues in selected major disease classifications including infectious diseases, rheumatology, hematology, psychotherapeutics and neuropharmacology. *Credit: 3 semester hours.*

CPP 215 Cancer Chemotherapy

A review of the representative neoplastic disease states and modalities of treatment; the general principles of cancer chemotherapy and the essentials of monitoring and counseling cancer patients. *Credit: 3 semester hours.*

CPP 216 Psychotherapeutics

Psychotherapeutics covers the basic principles of psychiatric pharmacy practice. Emphasis is placed on the major psychiatric disorders including: psychosis, mood and anxiety disorders, substance abuse and dementia. *Credit: 3 semester hours.*

CPP 217 Antimicrobial Therapy

This course is intended to outline an approach to the management of bacterial infections through an understanding of pathophysiology, epidemiology and basic principles of infectious diseases. *Credit: 3 semester hours.*

CPP 221 Human Nutrition

Studied are the inherent properties of carbohydrates and proteins as basic nutrients, as are human needs in the catabolic process of sustaining bodily functions in homeostasis. *Credit: 3 semester hours.*

CPP 225 Pediatric Pharmacotherapeutics

Prerequisites: CPP 301, 304. Provides an overall background of pediatric pharmacotherapy encompassing developmental differences between various pediatric age groups and their effects on drug disposition. *Credit: 3 semester hours.*

CPP 301; 302 Advanced Therapeutics I; II
These courses focus on the therapeutic management of select disease states. Emphasis is placed on rational drug therapy, drug-induced diseases, therapeutic drug monitoring and the modification of drug therapy as dictated by changes in the patient's characteristics and/or physical condition. *Credit: 3 semester hours.*

CPP 303 Physical Assessment
This course is designed to provide the student with general concepts of physical examination of patients. *Credit: 1 credit hour.*

CPP 304 Pathophysiology
This course is designed to provide the student with a detailed understanding of the pathophysiology of the most common disease states. *Credit: 3 semester hours.*

CPP 308 Drug Information and Literature Analysis
The philosophy and fundamentals of drug information practice and the application of drug information skills in the delivery of pharmaceutical care are discussed. *Credit: 3 semester hours.*

CPP 309 Critical Care Therapeutics
This course focuses on the therapeutic management of patients in the critical care setting. Emphasis is placed on the pathophysiology of acute illnesses as well as on rational treatment modalities and therapeutic drug monitoring of critically ill patients. *Credits: 3 semester hours.*

CPP 310 Topics in Women's Health
Prerequisite/Corequisite: CPP 301. Various women's conditions and disease states are discussed with an emphasis on pathophysiology and pharmacotherapeutics. *Credit: 3 semester hours.*

CPP 322 Applied Clinical Pharmacokinetics
This course examines basic pharmacokinetic principles as they relate to design of optimum dosage regimens in the clinical environment. *Credit: 3 semester hours.*

CPP 323 Clinical Poison Management
Provides the student who has a strong background in clinical pharmacy with a detailed didactic course in clinical toxicology. *Credit: 3 semester hours.*

CPP 349 Life Experience Credit
Credits are allowed for life experience. Such credits are awarded based on review of the student's portfolio and evaluation by the clinical faculty. These credits are awarded only for selected areas. *Credit: 3 semester hours.* *Application should be submitted in last semester.*

CPP 350 Drug Information Rotation**
Prerequisites: CPP 301 or 302; CPP 303, 304. The rotation orients the student to the methods and techniques of drug literature review, abstracting, indexing, retrieval and provision for the primary purpose of answering drug information questions. *Credit: 3 semester hours.*

CPP 351 Cardiovascular Therapeutics Rotation**
Prerequisites: CPP 303, 304. The focus of this rotation is to gain a basic understanding of the role of the cardiovascular clinical pharmacist and to provide pharmaceutical care to patients with underlying cardiac disease. *Credit: 3 semester hours.*

CPP 352 Endocrine Rotation**
Prerequisites: CPP 301, 302, 303, 304, 308. The diagnosis, treatment and management of various endocrine disorders is explored during this rotation, in both the acute care and ambulatory patient settings. *Credit: 3 semester hours.*

CPP 353 Infectious Diseases Rotation**
Prerequisites: CPP 303, 304. The role of the pharmacist as an epidemiologist is emerging. This experience involves students with hospital patients in whom a broad spectrum of infectious diseases, including viral, rickettsial, bacterial, spirochetal, mycotic and protozoan, is visible. *Credit: 3 semester hours.*

CPP 354 Psychiatric Therapeutics Rotation**
Prerequisites: CPP 303, 304. Behavioral problems, neurogenic and psychogenic in nature, as well as organic and functional neurological disorders are the focus of this experience. *Credit: 3 semester hours.*

CPP 355 Geriatric/Long-Term Care Rotation**
Prerequisites: CPP 301 or 302; CPP 303, 304, 322. The focus of this elective rotation is the provision of pharmaceutical care to the elderly patient, particularly residents of long-term care facilities. *Credit: 3 semester hours.*

CPP 356 Emergency Medicine Rotation**
Prerequisites: CPP 303, 304. The emergency medicine rotation enables the student to practice clinical pharmacy in a large metropolitan emergency room setting. *Credit: 3 semester hours.*

CPP 357 Oncology/Hematology Rotation**
Prerequisites: CPP 303, 304 and one other CPP course. The rotation is designed to introduce the student to the pharmaceutical care of the adult inpatient oncology/hematology population. Students integrate and interact with a multi-disciplinary team on daily rounds. *Credit: 3 semester hours.*

CPP 358 Pediatric Pharmacotherapy Rotation**
Prerequisites: CPP 301, 303, 304. The student gains an understanding and appreciation of the different challenges involved in the management of pediatric disease states. *Credit: 3 semester hours.*

CPP 359 Poison Control Rotation**
Prerequisites: CPP 303, 304. The student spends the rotational time in the New York City Poison Control Center. Emphasis is on history-taking, first aid, basic poison management, problem solving and involvement in ongoing research projects. *Credit: 3 semester hours.*

CPP 360 Education Rotation**
This rotation exposes the student to the role of the practitioner in the academic setting. Each student participates in student instruction in this program's practice laboratories. *Credit: 3 semester hours.*

CPP 361 Family Medicine Rotation**
Prerequisites: CPP 301, 303, 304, 308. The rotation focuses on the pharmacotherapy of adults on an inpatient, family medicine service. *Credit: 3 semester hours.*

CPP 362 Renal Pharmacotherapy Rotation**
Prerequisites: CPP 301 or 302; CPP 303, 304, 308. This rotation is designed to develop clinical experience and skills in the area of renal pharmacotherapy. *Credit: 3 semester hours.*

CPP 363 Critical Care Rotation**
Prerequisites: CPP 303, 304. The focus of this elective rotation is the provision of pharmaceutical care in the surgical intensive care unit. *Credit: 3 semester hours.*

CPP 364 Pharmacokinetics Rotation**
Prerequisites: CPP 303, 304, 322. The focus of this elective rotation is the provision of pharmacokinetic and pharmacodynamic monitoring in various types of patients. *Credit: 3 semester hours.*

CPP 365 Community Practice Rotation**
Prerequisites: CPP 303, 304. The student gains an understanding of the role of the community pharmacist in providing patient care. *Credit: 3 semester hours.*

CPP 366, CPP 367, CPP 368—Clinical Elective Rotation I; II; III**
Prerequisites: CPP 303, 304. *Corequisites or prerequisites:* CPP 301, 308. This rotation is an individualized clinical experience to meet the student's particular learning needs or learning interests. Course objectives, activities and assessment methods are developed between student and faculty. *Credit: 3 semester hours.*

CPP 369 Internal Medicine Rotation**
Prerequisites: CPP 303, 304. *Corequisites or prerequisites:* CPP 301, 308. This rotation includes a general study of drug therapy considerations for the adult patient population. The student is involved in rounds, patient care assessment and monitoring patients admitted to the medical service. *Credit: 3 semester hours.*

CPP 370 Ambulatory Care Rotation**
Prerequisites: CPP 301 or 302; CPP 303, 304. *Corequisite or prerequisite:* CPP 308. The special skills required for ambulatory care, such as interviewing techniques, adequate drug histories, counsel and advisement on use of drugs are further developed in this experience. *Credit: 3 semester hours.*

**Experiential rotations are restricted to Pharm.D. students.

Department of Pharmacy and Administrative Sciences (PAS)

Program of Study

The objectives of the Department of Pharmacy and Administrative Sciences are to prepare students interested in pharmacy administration for positions in pharmaceutical marketing and to prepare students interested in the pharmaceutical sciences for careers in industry, particularly in the area of industrial pharmacy. The programs are designed to provide students with the necessary knowledge, attitudes and skills that enable them to assume a leadership role in an industrial setting.

Courses

PAS 101 Special Problems

Prerequisite: Completion of 12 course credits. Laboratory and/or fieldwork in area of specialization in institutional, hospital, cosmetic or industrial pharmacy. *Credit:* 3 semester hours. *Laboratory fee:* \$120. *Every semester.*

PAS 204 Public and Private Health Care Systems

This course provides a working knowledge of those factors implicated in affecting the efficiency, access and quality of the U.S. health care delivery system. *Lecture.*
Credit: 3 semester hours.

PAS 211 Introduction to Pharmaceutical Marketing

This course covers topics including the modern pharmaceutical industry; the nature of pharmaceutical products; ad factors affecting marketing of pharmaceutical products. The U.S. pharmaceutical market is the focus for studying the above aspects. *Lecture.*
Credit: 3 semester hours.

PAS 212 Pharmaceutical Promotion

This course deals with the theoretical, practical and unique aspects and issues in pharmaceutical promotion. *Lecture.*
Credit: 3 semester hours.

PAS 213 Research Methods in Health Care Marketing

Prerequisite: PAS 252 or equivalent. This required course allows the student to understand the fundamental nature of the scientific approach to conducting research. *Lecture.*
Credit: 3 semester hours.

PAS 214 Management in the Health Care Industries

Management policies and procedures of those institutions organized to deliver health care services and related products to the consumer. *Credit:* 3 semester hours.

PAS 215 Foundations of Regulatory Affairs

This course provides the student with an understanding of the laws, regulations and procedures of federal and state guidelines that affect drugs and medical devices during their development, production and distribution stages. *Lecture. Credit:* 3 semester hours.

PAS 216 Consumer Behavior in Purchasing Drug Products

Sociological, psychological and anthropological factors affecting consumer buying tendencies. *Credit:* 3 semester hours.

PAS 217 Retail Pharmacy Management

This course deals with the theoretical and practical aspects of the activities involved in the retailing of pharmaceutical goods and services—specifically with respect to the places, times, prices and quantities that enable a retailer to reach its goals. *Lecture. Credit:* 3 semester hours.

PAS 218 Contemporary Administrative Principles

The evaluation of contemporary administrative concepts; the essentials of the planning, organizing, coordinating and controlling processes; and the techniques of interviewing, communicating, motivating and establishing performance criteria are explored in this course. *Lecture. Credit:* 3 semester hours.

PAS 219 Health Outcomes Assessment

The course is designed to provide a comprehensive review of health technology evaluation and health status assessment in the appraisal of health outcomes and therapeutic effectiveness in patient care. *Lecture.*
Credit: 3 semester hours.

PAS 220 Global Pharmaceutical Marketing

Prerequisite: PAS 211 or equivalent. This course covers the global pharmaceutical market and the economic, legal, cultural, political and competitive environment in which the global pharmaceutical market operates. *Credit:* 3 semester hours.

PAS 224 Microbiological Aspects of Pharmaceuticals and Cosmetics

The course starts with a review of the classification of microorganisms including structure, physiology, variability and immunological phenomena. *Lecture. Credit:* 3 semester hours.

PAS 225 Formulation of Aerosol Products

A consideration of the principles in the formulation and development of all types of aerosol products. Solution, dispersion, emulsion, semi-solid and powder systems are studied in conjunction with their application to pressurized packaging. *Lecture. Credit:* 3 semester hours.

PAS 231 Principles of Manufacturing Pharmacy I

Prerequisites: PAS 3101 and PAS 3103 or equivalent. A study of the process and equipment employed in the manufacture of solid pharmaceuticals. Operations on a pilot plant scale are utilized to demonstrate the common types of industrial equipment. *Lecture and laboratory. Credit:* 3 semester hours.

PAS 231L Laboratory for Principles of Manufacturing Pharmacy I

Credit: 3 semester hours; 1 credit hour. *Laboratory fee:* \$120.

PAS 232 Pharmaceutical Engineering

Considerations of the working mechanisms of manufacturing equipment used in the production of pharmaceutical drug products. Particular emphasis is placed on what quality assurance personnel should check during pharmaceutical manufacturing. *Lecture.*
Credit: 3 semester hours.

PAS 234 Pharmaceutical Materials

A study of the raw materials employed in the preparation of dosage forms. *Credit:* 3 semester hours.

PAS 235; 235L Product Formulation

Prerequisites: PAS 3101 and PAS 3103 or equivalent. A study of the formulation and stability testing of dosage forms. *Lecture and laboratory. Credit:* 4 semester hours. *Laboratory fee:* \$120.

PAS 236 Evaluation of Pharmaceutical Dosage Forms

Prerequisites: PAS 3101 and PAS 3103 or equivalent. Physical and physicochemical procedures used to evaluate pharmaceutical dosage forms are discussed. Factors affecting drug release from pharmaceutical products are covered along with in vitro and in vivo procedures for assessing drug absorption efficiency. *Lecture. Credit:* 3 semester hours.

PAS 237 Industrial Pharmacy

Prerequisites: PAS 3101 and PAS 3103 or equivalent. The basics of pharmaceutical processing and unit operations including both theory and practice of all the major operations underlying pharmaceutical production. *Lecture.*
Credit: 3 semester hours.

PAS 238 Principles of Quality Assurance: Control and Government Regulations

This course reviews the scope and function of quality in the pharmaceutical industry. Important legislation and the regulatory aspects of the Food and Drug Administration are considered with respect to quality control. *Credit:* 3 semester hours.

PAS 239 Homogeneous Pharmaceutical Systems

Prerequisite: PAS 3101 or equivalent. Application of selected physicochemical principles to homogeneous pharmaceutical systems. *Credit:* 3 semester hours.

PAS 240 Heterogeneous Pharmaceutical Systems

Prerequisite: PAS 3103 or equivalent. Application of selected physicochemical properties to heterogeneous pharmaceutical systems. *Credit:* 3 semester hours.

PAS 241; 242 Advanced Biopharmaceutics I; II

Prerequisite: PAS 5201 or PAS 4304; PAS 241 is a prerequisite for PAS 242. A study is made of optimized drug delivery systems for various routes of administration based on biopharmaceutical and pharmacokinetic considerations. *Credit: 3 hours per semester.*

PAS 243 Advanced Biopharmaceutics III

Prerequisites: PAS 241; 242. This course presents derivation of various pharmacokinetic equations representing common single and multi-compartment models. *Credit: 3 semester hours.*

PAS 245 Evaluation of Solid and Semi-Solid Dosage Forms and Processes

Physical and physicochemical procedures used in the evaluation of powders, tablets, lozenges, capsules, ointments, pastes, creams, gels and suppositories are covered along with in vitro and in vivo procedures for assessing drug absorption efficacy. Lecture. *Credit: 3 semester hours.*

PAS 246 Evaluation of Liquid Dosage Forms and Processes

Physical and physicochemical procedures used in the evaluation of sterile products, emulsions, suspensions, solutions and aerosols are covered. Principles of good manufacturing practices are discussed. Lecture. *Credit: 3 semester hours.*

PAS 247 Special Drug Delivery Systems

Prerequisites: PAS 3101 and PAS 3103 or equivalent. Considerations involved in the development and formulation of sustained and controlled release drug delivery systems are discussed. Lecture. *Credit: 3 semester hours.*

PAS 248 Principles of Manufacturing Pharmacy II

Prerequisite: PAS 231 or equivalent. A study of the process and equipment employed in the manufacture of liquid pharmaceuticals. Operations on a pilot plant scale are utilized to demonstrate the common types of industrial equipment. Lecture and Laboratory. *Credit: 4 semester hours. Laboratory Fee: \$120.*

PAS 250 Targeted Drug Delivery Systems

Prerequisites: PAS 3101, 3103 and 5201 or equivalent. This elective is designed to focus on different concepts and strategies involved in the design and development of targeted drug delivery systems to different organs and/or sites. *Credit: 3 semester hours.*

PAS 251 Ocular Drug Delivery

Prerequisites: PAS 3101, 3103 and 5201 or equivalent. This elective is designed to introduce the student to anatomy and physiology of the eye with a review of the current status of ophthalmic drugs followed by the considerations involved in the design, development, formulation and evaluation of ophthalmic drug delivery systems. *Credit: 3 semester hours.*

PAS 252 Biostatistics

Prerequisites: Undergraduate chemistry or biology and mathematics. Statistical methods used in drug evaluation. While principal emphasis is placed on animal studies, evaluation of techniques applicable to chemistry and pharmacy are also covered. *Credit: 3 semester hours.*

PAS 255 Biotechnological Drug Delivery Systems

Prerequisite: Undergraduate course in biological and chemical sciences. This course is designed to focus on various physicochemical, biological and pharmaceutical concepts and strategies involved in the design and development of invasive (parenteral) and noninvasive drug delivery systems for biotechnological drug molecules such as proteins and peptides. Lecture. *Credit: 3 semester hours.*

PAS 256 Principles of Experimental Design

Prerequisite: Undergraduate courses in biological and chemical sciences. This course is designed to develop competencies necessary to solve complex biological problems with efficient experiments using small sample size. Lecture. *Credit: 3 semester hours.*

PAS 260 Basic Concepts of Drug Development

This course is designed to study the modern drug development process in the pharmaceutical industry from drug discovery up to the Submission of NDA for FDA approval. *Credit: 3 semester hours.*

PAS 261 Foundations of GXP

This course introduces the fundamental concepts of GLP, GCO and GMP. It explores basic regulatory and quality assurance issues pertinent to pre-clinical safety research. *Credit: 3 semester hours.*

PAS 262 Regulatory Submissions and the Drug Approval Process

This course covers the development of IND and NDA submissions or FDA review. In addition, the most recently revised regulations governing IND, NDA, SNDA and ANDA are discussed as they relate to facilitation of the review process. *Credit: 3 semester hours.*

PAS 263 Generic Drug Regulation

Prerequisite: PAS 215. This course studies the FDA's regulations on generic drug manufacturing, clinical trial, application preparation and submission and marketing. It covers related guidance documents, policies, requirements and general procedures. *Credit: 3 semester hours.*

PAS 264 Advanced Food and Drug Law Regulation

Prerequisite: PAS 215. This course develops an in-depth understanding of the laws governing food and drugs. This course focuses on the laws and regulations promulgated by the federal government, especially the Food and Drug Administration, related to drug development, manufacturing marketing and distribution. *Credit: 3 semester hours.*

PAS 265 Scientific Inquiry: Regulation and Ethical Challenges

This course considers the nature of the scientific enterprise and both the legal and ethical restrictions placed on its methods and products by the government through imposition of regulation and society at large through moral suasion. *Credit: 3 semester hours.*

PAS 266 Bio-Pharmaceutical Statistics-II

Prerequisites: PAS 262 or equivalent. This course will provide the student with explanation of the approaches and solutions to commonly encountered statistical problems, with examples that are relevant to scientists involved in pharmaceutical and related research. *Credit: 3 semester hours.*

PAS 267 Post Approval Affairs

This course reviews FDA guidelines for Scale Up Post Approval changes (SUPAC) developed by the Center for Drug Evaluation and Research (CDER). The FDA guidelines, published workshop reports and applicable scientific literature will be discussed. *Credit: 3 semester hours.*

PAS 268 Good Manufacturing Practices

This course will provide the students with a comprehensive understanding of the requirements described in the Food and Drug Administration's (FDA) regulations on GMPs as they pertain to pharmaceutical drugs and medical devices. *Credit: 3 semester hours.*

PAS 270; 270B Industrial Pharmacy Colloquium

Prerequisites: PAS 3101, PAS 3103 and PAS 4304 or equivalent. This course is composed of research seminars for graduate students pursuing a M.S./Ph.D. degree in Industrial Pharmacy in which discussion will focus on interpretation, analysis and critical evaluation of research data in published research articles and unpublished research data generated by the graduate students during their dissertation research. *Credit: 0 credit for the first semester, thereafter 1 credit at the end of second semester.*

Department of Pharmaceutical Sciences (PHS)

Program of Study

The Department of Pharmaceutical Sciences is committed to educating research scientists for educational, governmental and industrial institutions. The program is designed to provide the student with critical learning skills, research expertise and a fundamental knowledge base that enables scientists to remain current with scientific literature, to carry out laboratory investigations and to analyze research findings. Students will acquire the necessary skills in a chosen area of concentration (medicinal chemistry, physiology, toxicology, pharmacology and biopharmaceutical technology) that are essential to enable them to assume leadership positions in the pharmaceutical and biomedical sciences.

Courses

PHS 101 Special Problems

Prerequisites: At least 12 credits of graduate courses. Conferences on specialized topics accompanied by laboratory work in pharmacology, medicinal chemistry. *Credit:* 3 semester hours. *Laboratory fee:* \$120.

PHS 102; 103 Principles of Pharmacology I; II

Prerequisites: Undergraduate biological and chemical sciences. PHS 102 is prerequisite for 103. Introduction to the science of pharmacology with emphasis on the basic principles. There is in-depth consideration of the factors modifying drug responses and dose-response relationships. *Credit:* 3 semester hours. (*No credit applied toward graduate degree.*) Cf. PHS 4301 and 4303.

PHS 201 Pharmacology of the Autonomic Nervous System

Prerequisites: PHS 102; 103 or equivalent. An overview of the established pharmacology of the autonomic nervous system is presented as well as a comparison with the pharmacology of the somatic nervous system. *Credit:* 3 semester hours.

PHS 202 Advanced Pharmacology

Prerequisites: PHS 102, 103 or equivalent. A detailed discussion of therapeutic uses and drug mechanisms in pharmacology therapeutics, excluding the nervous system. Emphasis is placed on the clinical use of selected classes of drugs. *Credit:* 3 semester hours.

PAS 271 Degradation and Stability of Pharmaceutical Systems

Prerequisites: PAS 3101 and PAS 3103 or equivalent. This course involves study of physical and chemical factors affecting stability of drugs in pharmaceutical dosage forms and approaches to enhance their stability and shelf-life. *Credit:* 3 semester hours.

PAS 272 Process Validation

This course will provide the students with an understanding of the scientific principles and regulatory requirements for pharmaceutical companies that are legally mandated to validate their manufacturing processes. *Credit:* 3 semester hours.

PAS 273 Pharmacokinetic and Pharmacodynamic Data Analysis

Prerequisites: PAS 241 or equivalent. This course is designed to develop a basic understanding of the pharmacokinetic and pharmacodynamics concepts and their model applications governing the time course of drug absorption, distribution and elimination as well as drug action. *Credit:* 3 semester hours.

PAS 274 Career Experience in Industrial Pharmacy

Prerequisites: PAS 3101, 3103, 4304 and PHR 4108 or equivalent plus a minimum of two semesters of graduate studies in Industrial Pharmacy. This course is comprised of rotations through a pharmaceutical company's various departments, specifically the areas of formulation, product development, production, analytical testing and quality control. *Credit:* 3 semester hours.

PAS 900 Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the master's degree requirements. All master's candidates must register for this course until research is completed in order to satisfy research requirements. Although students may register for more than six hours, no more than six credits may be applied towards the degree. *Credit:* 3–6 hours per semester. *Laboratory fee:* \$120 per semester.

PAS 925 Maintaining Matriculation – Master's

All master's students who are not registered for any other courses must maintain enrollment in the University by registering for this course. Eligibility for thesis option students is typically limited to students who have satisfied all research and degree requirements but have not completed the written and oral components of the thesis. Thesis option students must have written approval from their advisor, department chairman and permission from the graduate dean to register for this course. *No credit.* *Fee:* \$50 per semester.

PAS 940 Maintaining Matriculation – Ph.D.

Ph.D. students must maintain matriculation if they have NOT passed comprehensives and are NOT taking courses. Limit: two semesters. Students who have passed comprehensives and are not taking courses must register for 950 until degree is granted. *No credit.* *Fee:* \$50 per semester.

PAS 950 Doctoral Research

Original research leading to the doctoral degree. All doctoral candidates must register for this course in order to satisfy research requirements until research is completed and degree is granted. No more than 24 credits may be earned in doctoral research and applied toward the degree. *Credit:* 3 hours per semester. *Laboratory fee:* \$120 per semester.

PHS 203 Research Methods in Pharmacology

Prerequisites: PHS 102, 103 or equivalent. This course intends to introduce the student to select in vivo and in vitro techniques used in quantitative evaluation of pharmacological agents. *Credit:* 3 semester hours. *Laboratory fee:* \$120.

PHS 205 Amino Acids, Peptides and Proteins

Prerequisites: Strong background in chemistry or biochemistry. Synthesis of biologically active peptides, molecular modification and biologically active relationship of peptide hormones. Secondary structure of proteins and modes of substrate binding. *Credit:* 3 semester hours.

PHS 206 Antibiotics and Steroidal Drugs

Prerequisites: Undergraduate biological and chemical sciences. Structurally active relationships and biogenetic origins of important categories of antibiotics are considered. Nomenclature, biosynthesis, partial synthesis and structurally active relationships of cholesterol, gluco, mineralo-corticoids, sex hormones, oral antifertility agents and cardiac glycosides are considered. *Credit:* 3 semester hours.

PHS 209 Pharmacological Aspects of Respiratory Disease

Prerequisite: PHS 102; 103 or equivalent. Pulmonary physiology will be reviewed; anatomy and the process of respiration, gas exchange, control of respiration and acid base balance will be included. The anatomical, physiological and biochemical basis of respiratory disease (or pathology) will be discussed. *Credit:* 3 semester hours.

PHS 211 Biochemical Neuropharmacology

Prerequisites: PHS 102, 103 or equivalent. The biochemical bases of the action of drugs in the nervous system are examined. The molecular and biochemical pharmacology of the acute and chronic effects of a wide range of pharmacologic agents are examined and new techniques and findings are discussed. *Credit:* 3 semester hours.

PHS 212; 213 Applied Biochemistry I; II

Prerequisite: Undergraduate biochemistry. PHS 212 is prerequisite for PHS 213. A course dealing with those aspects of biochemistry of special relevance to students of the health sciences. Emphasis is placed on fundamental metabolic cycles and processes and on biochemical concepts needed to understand drug action and metabolism, biogenetic pathways and various disease states. *Credit:* 3 hours per semester.

PHS 216 Applied Psychopharmacology

Prerequisite: PHS 102; 103 or equivalent. This course provides an introduction to the neuropharmacological bases of behavior and drugs used to treat behavior disorders. The role that specific neurochemical systems play in regulating behavior is considered and discussed. The molecular, biochemical and behavioral mechanism of action of many psychotropic drugs is covered. *Credit:* 3 semester hours.

PHS 221 Clinical Pharmacology

Prerequisites: PHS 102;103 or equivalent. Discussion and demonstration of the clinical basis for the therapeutic application of drugs. Toxicity and adverse reactions are considered. Case material from actual patient populations is used to illustrate and support this information. *Credit:* 3 semester hours.

PHS 223 Design of Nucleoside Analogs

Prerequisite: Undergraduate medicinal chemistry or equivalent. The chemistry of nucleic acids, nucleotides, nucleosides, purine and pyrimidines is discussed with respect to their structures, syntheses and properties. *Credit:* 3 semester hours.

PHS 224 Design of Enzyme Inhibitors

Prerequisite: Undergraduate medicinal chemistry or equivalent. The modification of proteins or protein activity by irreversible binding of drugs and other small chemical molecules is discussed. *Credit:* 3 semester hours.

PHS 231 Medicinal Chemistry Journal Club

Prerequisite: PHS 102; 103 or TOX 102; 103 or equivalent. Seminar for graduate students in pharmaceutical sciences in which discussions focus on published experimental results with a view toward evaluation of methodology and a presentation of data. Participation by graduate faculty and students. *Credit:* 2 semester hours.

PHS 232 Pharmacology Journal Club

Prerequisite: PHS 102; 103 or TOX 102; 103 or equivalent. Seminar for graduate students in pharmaceutical sciences in which discussions focus on published experimental results with a view toward evaluation of methodology and a presentation of data. Participation by graduate faculty and students. *Credit:* 2 semester hours.

PHS 239 Functional Neuroanatomy and Neuropathology

Prerequisites: Undergraduate anatomy and physiology. This course instructs the student in the anatomy and physiology of the central and peripheral nervous systems and describes the processes by which these systems undergo pathological change. *Credits:* 3 semester hours.

PHS 240 Principles of Electron Microscopy

Prerequisites: Undergraduate biological and/or biochemical sciences. *Corequisite:* PHS 240L. This course is intended to instruct the student in the basic techniques of electron microscopy. It also describes the analytical methods used to identify various biological systems. *Credit:* 3 semester hours.

PHS 240L Electron Microscopy Laboratory

Corequisite: PHS 240. This course instructs the student in the preparation of tissue for electron microscopy and the interpretation and analysis of electron micrographs. *Laboratory fee:* \$120. *Credit:* 3 semester hours; 1 credit hour.

PHS 245 Laboratory Use of Radiotracers

Prerequisite: Undergraduate biological and chemical sciences. A course designed to present the fundamentals of the use of radiotracers in the modern laboratory. Emphasis is placed on safety, experimental design and the variety of special techniques in use today in pharmaceutical research. *Credit:* 3 semester hours.

PHS 246 Pharmacology of Drug Abuse

Prerequisite: PHS 102; 103 or equivalent. A study of the various chemical agents of dependence with in-depth consideration of the mechanisms and nature of the chemical agents involved in this phenomenon. *Credit:* 3 semester hours.

PHS 247 Reproductive Pharmacology

Prerequisites: PHS 102; 103 or equivalent. A consideration of the effect of drugs on the reproductive system during the periods of development, maturation and aging. *Credit:* 3 semester hours.

PHS 248 Receptors and Mechanism of Drug Action

Prerequisites: Undergraduate biological and chemical sciences. Discussion is focused on the concept and theories of receptors as an explanation for drug action and design of new therapeutic agents. Special emphasis is placed on the mechanism of action and drug interaction with important categories of drugs. *Credit:* 3 semester hours.

PHS 249 Cardiovascular Pharmacology

Prerequisites: PHS 102; 103 or equivalent. The course considers the mechanism of action of myocardial stimulants and depressants as well as anti-arrhythmic drugs. *Credit:* 3 semester hours.

PHS 250 Cell and Tissue Culture

Student is acquainted with cell culture technology as well as biochemical and biophysical characteristics and capabilities of mammalian cells in culture. *Credit:* 3 semester hours.

PHS 250L Cell and Tissue Culture Laboratory

Co-requisite: PHS 250. This course is the laboratory component of PHS 250. Hands-on laboratory experiments in cell culture technology are performed by the students. The objective of the laboratory assignments is to expose the student to the biological, biophysical, and toxicological characteristics of mammalian cells in culture. *Credit:* 1 semester hour. *Lab fee:* \$120.

PHS 251 Doctoral Seminar in the Pharmaceutical Sciences I

A monthly seminar of two hours for all students pursuing the Ph.D. The seminar consists of scheduled presentations given by scholars in the pharmaceutical sciences. 8 hours per semester. *Credit:* No credit.

PHS 252 Doctoral Seminar in the Pharmaceutical Sciences II

A monthly seminar of two hours for all students pursuing the Ph.D. The seminar consists of scheduled presentations given by scholars in the pharmaceutical sciences. *8 hours per semester. Credit: No credit.*

PHS 253 Doctoral Seminar in the Pharmaceutical Sciences III

A monthly seminar of two hours for all students pursuing the Ph.D. The seminar consists of scheduled presentations given by scholars in the pharmaceutical sciences. *8 hours per semester. Credit: No credit.*

PHS 254 Doctoral Seminar in the Pharmaceutical Sciences IV

Prerequisites: PHS 251, 252, 253. A monthly seminar of two hours for all students pursuing the Ph.D. The seminar consists of scheduled presentations given by scholars in the pharmaceutical sciences. *8 hours per semester. Credit: 1 credit will be given upon submission of an acceptable paper to the seminar Chair.*

PHS 255 Chemical Aspects of Drug Metabolism

Prerequisite: Undergraduate Medicinal Chemistry or equivalent. A detailed discussion of drug metabolizing enzyme systems and reactions. The relationship between chemical structure and drug metabolism is particularly emphasized. Drug metabolism related toxicity is also considered. *Credit: 3 semester hours.*

PHS 256 Pharmaceutical Analysis Laboratory

Prerequisite: A course or experience in chemical analysis. A detailed discussion of the basic principles of pharmaceutical analysis. Special emphasis is placed on the selection and development of qualitative and quantitative methodology for the analysis of drug molecules in a variety of sample environments. *Credit: 3 semester hours.*

PHS 257 Gene Technology in the Pharmaceutical and Health Sciences

Prerequisite: Undergraduate biochemistry or the equivalent. Course presents the basic mechanism underlying the expression of the information encoded in the DNA: transcription, translation and replication. *Credit: 3 semester hours.*

PHS 259 Cell Signals and Regulatory Systems

A course covering the elements of regulation at the level of the cell. The intracellular events of signaling, i.e. post-receptor events, are the focus. *Credit: 3 semester hours.*

PHS 260 Clinical Immunology

A detailed discussion of the basic concepts of immunology, immunity and immuno-pathology. Special emphasis is placed on the aspects of clinical immunology with reference to the theory which underlies laboratory tests and methods of procedure. *Credit: 3 semester hours.*

PHS 261 Laboratory in Gene Technology for the Pharmaceutical and Allied Health Professions

The use of modern databases to mine known information and synthesize new conclusions from combined resources is used as a starting point. The class is divided into groups, each working with a different protein or a mutant of the target protein. *Credit: 1 semester hour.*

PHS 263 Laboratory in Analysis of Biomacromolecules

A course designed to present the fundamentals of the use of modern analytical techniques for the identification and isolation of biomacromolecules. Emphasis is placed on protein purification methods. *Credit: 3 semester hours.*

PHS 264 Analysis of Cell Structure and Function

A study of cell structure and function including discussions of membrane transport, respiration, cell division and cell motility. Additional topics include enzyme function. DNA, RNA and protein synthesis and their control. Discussion of methods of cell study will be incorporated in specific lecture topics, i.e., membranes, and in laboratory sessions. *Credit: 3 semester hours.*

PHS 264L Analysis of Cell Structure and Function Laboratory

Co-requisite: PHS 263
Laboratory component of PHS 264. *3 semester hours. Credit: 1 credit hour. Laboratory fee \$120.*

PHS 265; 266 Principles of Drug Design I; II

Prerequisite: Undergraduate medicinal chemistry or equivalent. Required course designed to present an overview of the basic principles involved in medicinal chemistry. *Credit: 3 semester hours.*

PHS 270 Introduction to Biotechnology

This course discusses the basic mechanisms underlying the expression of information encoded in the DNA, i.e. transcription, translation and replication. *Credit: 3 semester hours.*

PHS 271 Oxidants, Antioxidants and Free Radicals

The involvement of free radicals/reactive oxygen species (ROS) in the pathogenesis of a wide variety of human diseases has been increasingly recognized over the last two decades. *Credit: 3 semester hours.*

PHS 278 Human Physiology

An examination of the principles of human physiology, starting with cellular physiology principles such as membrane transporters and action potentials, and covering several of the key topics of physiology: endocrine, neural, muscle, cardiovascular, respiratory, gastrointestinal, and renal. *Credit: 3 semester hours.*

PHS 900 Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the master's degree requirements. All master's candidates must register for this course until research is completed in order to satisfy research requirements. Although students may register for more than six hours, no more than

six credits may be applied toward the degree. *Credit: 3–6 hours per semester. Laboratory fee: \$120 per semester.*

PHS 925 Maintaining Matriculation–Master's

All master's students who are not registered for any other courses must maintain enrollment in the University by registering for this course. Eligibility for thesis option students is typically limited to students who have satisfied all research and degree requirements but have not completed the written and oral components of the thesis. Thesis option students must have written approval from their advisor, department chairman and permission from the graduate dean to register for this course. *No credit. Fee: \$50 per semester.*

PHS 940 Maintaining Matriculation–Ph.D.

Ph.D. students must maintain matriculation if they are not registered for courses or have not yet passed their comprehensives. Limit: 2 semesters. *No credit. Fee: \$50.*

PHS 950 Doctoral Research

Original research leading to the doctoral degree. Doctoral students may register for 950 while completing degree requirements; however, upon the successful completion of formal courses, language requirement and comprehensive examination, doctoral candidates must register for PHS 950 until the dissertation is completed and the degree is awarded. *Credit: 3 semester hours. Laboratory fee: \$120 per semester.*

TOX 101 Special Problems

Prerequisite: At least 12 credits of graduate courses. Conferences on specialized topics accompanied by laboratory work in toxicology. *Credit: 3 semester hours. Laboratory fee: \$120.*

TOX 102; 103 Toxicology I; II

Prerequisite: Undergraduate chemical or biological sciences. TOX 102 is a prerequisite for 103. The source, chemical composition action, tests and antidotes of toxic substances. First semester consideration is given to materials of inorganic origin; second semester is devoted to substances of organic nature, both natural and synthetic in origin. Lecture. *Credit: 3 semester hours. No credits applied toward graduate degree. Cf. PHS 2401; 2402.*

TOX 201 Methods in Toxicologic Evaluation

Prerequisite: TOX 102; 103 or equivalent. Experimental toxicology and pathology deals with the variety of experimental methods utilized to determine the safety and toxicity of materials administered by mouth, applied topically to the skin or mucous membranes, or administered by inhalation of gases or aerosols. *Credit: 3 semester hours.*

TOX 205 Neurotoxicology

Prerequisite: TOX 102 and 103 or equivalent. This course examines the various classes of neurotoxins, their mechanism of toxicity and experimental models used to assess neurotoxic mechanisms. *Credit: 3 semester hours.*

TOX 207 Recent Advances in Forensic Toxicology

Prerequisites: TOX 102 and 103 or equivalent. A survey emphasizing recent developments in the field of forensic toxicology. Emphasis is placed on documentation and interpretation of analytical results. *Credit: 3 semester hours.*

TOX 209 Recent Advances in Clinical Toxicology

Prerequisites: TOX 102; 103 or equivalent. A survey of current literature, emphasizing recent advances in clinical toxicology. *Credit: 3 semester hours.*

TOX 210 Biochemical Toxicology

Prerequisites: TOX 102, 103 or PHS 102, 103 or equivalent and undergraduate biochemistry or equivalent. An advanced study of the biochemical principles and mechanisms underlying the toxicity of xenobiotics at the cellular level. Biotransformation pathways and the subcellular toxicity of selected toxicants are examined in depth. *Credit: 3 semester hours.*

TOX 215 Analytical Methods in Toxicology

Prerequisites: TOX 102; 103 or equivalent. This course considers methods of specimen and sample preparations and extraction and analytical chemical techniques used to solve problems confronting the analytical toxicologist. *Credit: 3 semester hours.*

TOX 216 Environmental and Occupational Toxicology

Prerequisites: TOX 102; 103 or equivalent. The chemical and regulatory aspects of environmental and occupational hazards are presented, with an overview of methods in epidemiology and risk assessment. *Credit: 3 semester hours.*

TOX 217 Toxicology of the Hematopoietic and Immune System

Prerequisites: TOX 102; 103 or equivalent. Focuses upon the effects of toxic substances on hematologic and immunologic function. *Credit: 3 semester hours.*

TOX 218 Pathophysiology of Organ Systems (CPP 304)

Prerequisite: Undergraduate Anatomy and Physiology. This course is designed to explain the abnormal physiological processes which result when normal metabolic functions are disturbed. Mechanisms of normal function are described as well as the resulting effect of altered homeostasis. *Credit: 3 semester hours.*

TOX 219 Molecular Toxicology

Prerequisites: TOX 102, 103; PHS 102, 103 or equivalent. This is an advanced study of the specific molecular, biochemical and cellular mechanisms of toxic injury. *Credit: 3 semester hours.*

TOX 220 Dermal Toxicology

Prerequisites: Tox 102, 103 or their equivalent. An advanced study of the principles of dermal toxicity emphasize the effects of xenobiotic agent on the integument system and the function of this system as a barrier to penetrations of such agents in the body. Topics included in this study include transdermal absorption, bio-transformation, immunologic reaction to toxic agents, phototoxicity, carcinogenesis and testing methods. *Credits: 3 semester hours.*

TOX 221 Hematologic Pathology

Prerequisite: General Physiology. A study of the hematopoietic system. Topics covered include anemias, leukemias, coagulation defects with consideration of etiology, physiologic and cellular manifestations and therapeutic modalities. *Credit: 3 semester hours.*

TOX 222 Cellular Pathophysiology

Prerequisite: Undergraduate Anatomy and Physiology. This course is designed to explain the cellular response to injury. Molecular, biochemical and organelle pathology is discussed in relation to normal cell function. *Credit: 3 semester hours.*

TOX 230 Toxicology Journal Club

Prerequisite: PHS 102; 103 or TOX 102; 103 or equivalent. Seminar for graduate students in pharmaceutical sciences in which discussions focus on published experimental results with a view toward evaluation of methodology and a presentation of data. Participation by graduate faculty and students. *Credit: 2 semester hours.*

TOX 900 Master's Research

Supervised research leading to the preparation and completion of a thesis in partial fulfillment of the master's degree requirements. All master's candidates must register for this course until research is completed in order to satisfy research requirements. Although students may register for more than six hours, no more than six credits may be applied towards the degree. *Credits: 3–6 semester hours. Laboratory fee: \$120 per semester.*

TOX 925 Maintaining Matriculation

All master's students who are not registered for any other courses must maintain enrollment in the University by registering for this course. Eligibility for thesis option students is typically limited to students who have satisfied all research and degree requirements but have not completed the written and oral components of the thesis. Thesis option students must have written approval from their advisor, department chairman and permission from the graduate dean to register for this course. *No credit. Fee: \$50 per semester.*

For complete listing of approved courses, please contact your Dean's office.

Madhu Agrawal, Associate Professor of Pharmacy and Administrative Sciences, B.S. Phm., Bombay University; M.S., Ohio State University; Ph.D., Michigan State University; Global competition in pharmaceutical industry; developing pharmaceutical services; pharmaceutical marketing.

Emily M. Ambizas, Assistant Clinical Professor of Clinical Pharmacy Practice, B.S., Phm., Pharm.D., St. John's University; Ambulatory care.

Charles R. Ashby, Professor of Pharmaceutical Sciences, B.A., Ph.D., University of Louisville; Neurophysiology and neurochemical studies of 5-HT and DA interaction; genetic vulnerability to drug abuse in rats; mechanism of action of antipsychotic drugs.

Kenneth Balbi, Adjunct Assistant Professor of Pharmaceutical Sciences, B.S. Albany University; M.D., Universidad Central del Este, San Pedro de Macoris, Dominican Republic; Research on environmental health issues, assessments and measurements of environmental toxins.

Ebrahim Balbisi, Assistant Clinical Professor of Clinical Pharmacy Practice, B.S., Phm., St. John's University; Pharm.D., Nova Southeastern University; Ambulatory care.

Frank Barile, Associate Professor of Pharmaceutical Sciences, B.S., M.S., Ph.D., St John's University; In vitro toxicology

Michael Barletta, Professor of Pharmaceutical Sciences, B.S. Phm., M.S., St. John's University; Ph.D., New York Medical College; Cardiovascular pharmacology using animal models for myocardial infarction, cardiac arrhythmias, ischemic heart disease and thrombosis.

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 Z. Baturay, Associate Professor of Pharmaceutical Sciences, B.A., Douglass College; M.S., Seton Hall University; Ph.D., New York University; Investigation of environmental influences on cancer potentiation and the relationship of subcellular components to tumor promotion.

Judith L. Beizer, Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., St. Louis College of Pharmacy; Pharm.D., University of Tennessee; Geriatric therapeutics.

Blase C. Billack, Assistant Professor of Pharmaceutical Sciences, B.S., University of Richmond; Ph.D., Rutgers University; Role of BRCA1 in DNA damage repair and transcription.

Joseph M. Brocovich, Associate Dean and Associate Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Philadelphia College of Pharmacy and Science; Pharm.D. Duquesne University; Infectious diseases; pharmacoeconomics; curricular design.

Jerome Cantor, Associate Professor of Pharmaceutical Science, B.A., Columbia University; M.D., University of Pennsylvania; Experimental lung pathology.

Joanne M. Carroll, Associate Professor of Pharmaceutical Sciences, B.S. Molloy College; M.A., CUNY, Hunter College; Ph.D. CUNY; Molecular mechanisms regulating gene expression in neural and endocrine cells.

Joseph M. Cerreta, Associate Professor of Pharmaceutical Sciences, B.S., M.S., Ph.D., Fordham University; Molecular biology of connective tissue alterations in the lung

Lisa Charneski, Assistant Clinical Professor of Clinical Pharmacy Practice, Pharm.D., Nesbitt School of Pharmacy; Internal medicine.

Zhe-Sheng Chen, Assistant Professor of Pharmaceutical Sciences, M.S., Sun Yat-Sen University of Medical Sciences, P.R.China; M.D., Guangdong Medical & Pharmaceutical College, Guangdong Province, China; Ph.D., Institute for Cancer Research, Kagoshima University, Japan; Cancer pharmacology and experimental therapeutics, especially cellular mechanisms of multi-drug resistance and its reversal.

Mary Choy, Assistant Clinical Professor of Clinical Pharmacy Practice, Pharm.D., St. John's University; Internal medicine.

Kenneth R. Cohen, RPh, Adjunct Associate Professor of Pharmacy and Administrative Sciences, B.S., Arnold and Marie Schwartz College of Pharmacy; M.S., St. John's University; Ph.D. California Coast University; Management in the health care industries.

Peter Colaninno, Adjunct Assistant Professor of Allied Health, B.S. M.T., M.S., St. John's University.

John Conry, Associate Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., St. John's University; Ambulatory care.

Karen Costa, Adjunct Assistant Professor, B.S., Caldwell College; M.S., Ph.D., St. John's University; Dermal toxicology.

Conrad Dhing, Assistant Professor of Pharmacy and Administrative Sciences, B.S., Northeast Louisiana University; Ph.D., University of Louisiana at Monroe; pharmaco-economics; pharmacy education; pharmacy management.

Candis Edwards, Adjunct Assistant Professor of Pharmacy and Administrative Sciences, B.S., Wagner College; M.S. St. John's University; RA, R&D, project management, QA and cGMP compliance.

Henry Eisen, Professor Emeritus, B.S. Phm., St. John's University; M.S., Rutgers University; Ph.D., University of Connecticut.

Gladys M. El-Chaar, Associate Clinical Professor of Clinical Pharmacy Practice, B.A., East Stroudsburg University; B.S. Phm., St. John's University; Pharm.D., Medical University of South Carolina; Pediatric therapeutics.

Joseph V. Etzel, Assistant Dean, Associate Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., St. John's University; Infectious disease pharmacotherapy.

Danielle C. Ezzo, Assistant Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., St. John's University; Ambulatory care.

Sue M. Ford, Associate Professor of Pharmaceutical Sciences, B.S., Cornell University; M.S., Ph.D., Michigan State University; Use of cell culture to study responses of kidney to toxicants; nutrition.

Gerard Frunzi, Adjunct Associate Professor of Pharmacy and Administrative Sciences, B.S., M.S., Ph.D., St. John's University.

Corinne L. Gamper, Adjunct Assistant Professor of Pharmacy and Administrative Sciences, B.A., St. Joseph's College; M.S., The University of Connecticut; M.B.A., St. John's University; Regulatory Affairs/Quality Assurance.

Laura M. Gianni Augusto, Associate Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., St. John's University; Drug information.

Marc Gillespie, Associate Professor of Pharmaceutical Sciences, B.A., University of Vermont, Ph.D., University of Utah; The development of a simple biochemical system that allows us to evaluate the function assembly and disassembly of neuronal SNARE complex.

Regina Ginzburg, Assistant Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., St. John's University; Ambulatory care.

Dennis Guilfoyle, Adjunct Associate Professor of Pharmacy and Administrative Sciences, B.A., Hunter College, CUNY; M.S., Wagner College; Ph.D., St. John's University; National expert for the U.S. Food & Drug Administration in the field of pharmaceutical microbiology for drugs and biotechnology products.

Diane Hardej, Adjunct Assistant Professor, B.A., Queens College; M.S., Ph.D., St. John's University; The use of antioxidants in the treatment of neurotoxicity and stress proteins as biomarkers.

Olga Hilas, Assistant Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., St. John's University; Internal medicine.

MaryAnn Howland, Clinical Professor of Clinical Pharmacy Practice, B.S., Wake Forest University; B.S. Phm., Rutgers University; Pharm.D., Philadelphia College of Pharmacy and Science; Clinical toxicology; poison control expertise; clinical toxicological management.

Tomasz Jodlowski, Assistant Clinical Professor of Clinical Pharmacy Practice, Pharm.D., St. John's University; Internal medicine.

Amrit Lal Kapoor, Professor of Pharmaceutical Sciences, B.S. Phm., M.S., Punjab University, India; Dr.Sc.Nat., Eidgenossische Technische Hochschule, Zurich, Switzerland; Binding and displacement studies in vivo and in vitro to evaluate drug interactions.

Kwon H. Kim, Associate Professor of Pharmacy and Administrative Sciences, B.S. Phm., Chung-Ang University; M.S., Ph.D., St. John's University; Transdermal and transmucosal drug delivery, controlled release and targeted delivery systems.

Tina Kanmaz, Associate Clinical Professor of Clinical Pharmacy Practice, B.A., Hofstra University; B.S. Phm., Pharm.D., St. John's University; Ambulatory care.

Vijaya L. Korlipara, Associate Professor of Pharmaceutical Sciences, B.S. Phm., Banaras Hindu University; Ph.D., University of Minnesota; Design and synthesis of receptor selective probes for opioid and neurokinin receptors.

Chul-Hoon-Kwon, Professor of Pharmaceutical Sciences, B.S., Phm., Howard University; Ph.D., University of Minnesota; Design, synthesis and evaluation of pro-drugs, especially in anti-tumor agents and anticonvulsants; chemical aspects of drug metabolism and toxicology

Matthew Lacroix, Assistant Clinical Professor of Clinical Pharmacy Practice, Pharm.D., University of Rhode Island; Internal medicine.

Sum Lam, Assistant Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., University of Connecticut; Geriatric Therapeutics.

Cesar A. Lau-Cam, Professor of Pharmaceutical Sciences, B.S. Phm., University of San Marcos, Peru; M.S., Ph.D., University of Rhode Island; Effect of natural product (amino acids, carbohydrates, vitamins, plant constituents) on the biochemistry, pharmacology and toxicology of ethanol.

Senshang Lin, Associate Professor of Pharmacy and Administrative Sciences, B.S. Phm., Taipei Medical College, Ph.D., Temple University; Pharmacokinetic, pharmacodynamic, transmucosal drug delivery.

Martha L. Mackey, Associate Professor of Pharmacy and Administrative Sciences, B.A., M.A., J.D., St. John's University; Pharmacy law; pharmacy education.

Lin Mantell, Associate Professor of Pharmaceutical Sciences, M.D., Beijing University; Ph.D., Stony Brook University; Identifying and characterizing molecular and cellular mechanisms underlying the increased lung injury and infection due to oxidative stress during oxygen therapy.

Parshotam L. Madan, Professor of Pharmacy and Administrative Sciences, B.S. Phm., Birla College, India; M.S., Ph.D., University of Georgia; Controlled and targeted drug delivery systems; bio-erodible polymers as drug delivery systems.

Nicole M. Maisch, Associate Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., Albany College of Pharmacy; Internal medicine.

Bimal K. Malhotra, Adjunct Associate Professor of Pharmacy and Administrative Sciences, B.S. Birla Institute of Technology & Science; Ph.D., University of Minnesota; Clinical Pharmacokinetics/Biopharmaceutics in drug development.

Robert A. Mangione, Dean and Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., M.S., P.D., Ed.D., St. John's University; Pharmacy education; organizational theory, pharmaceutical care for disadvantaged patients.

Rajesh Nayak, Associate Professor of Pharmacy and Administrative Sciences, B.S. Phm., M.S. Phm., Mangalore University; Ph.D. University of Florida; Pharmaceutical outcomes research; evaluation of health care policies and programs; pharmacoeconomics.

Judith A. O'Brien, Adjunct Associate Professor of Pharmaceutical Sciences, B.S., Lemoine College; M.S., St. John's University; Medical technology.

Raymond S. Ochs, Professor of Pharmaceutical Sciences, B.S., Purdue University; Ph.D., Indiana University; The control of metabolic pathways by hormones and energy supply; muscle cell culture line and computer modeling

Sang-ki Park, Assistant Professor of Pharmaceutical Sciences, B.S., M.S., Seoul National University; Ph.D., University of Rochester; Environmental stress-regulated transcription factors and gene expression in molecular toxicology.

Somnath Pal, Professor of Pharmacy and Administrative Sciences, B.S. Phm., M.S., Jadavpur University; M.B.A., Calcutta University; Ph.D., University of Iowa; Drug utilization studies.

Priti N. Patel, Assistant Clinical Professor of Clinical Pharmacy Practice, Pharm.D., Philadelphia College of Pharmacy; Drug information.

Nicholas Pantaleo, Adjunct Associate Professor of Pharmacy and Administrative Sciences, B.S., Phm., M.S., St. John's University.

Sandra E. Reznik, Associate Professor of Pharmaceutical Sciences, A.B., Harvard University; M.D., Ph.D., Mount Sinai School of Medicine; Developmental and placental pathology, specifically the role of several placental peptidases and proteinases in perinatal pathology.

Bhagwan D. Rohera, Professor of Pharmacy and Administrative Sciences, B.S. Phm., M.S., Saugar University; Ph.D., University of Basel, Switzerland; Compaction of powder systems; controlled drug delivery; formulation and process optimization.

Joseph Sarra, Adjunct Assistant Professor of Pharmaceutical Sciences, B.S., M.S. Long Island University Arnold and Marie Schwartz College of Pharmacy; Ph.D., St. John's University; Synthesis and pharmacological evaluation of new anticonvulsants and anxiolytics.

Francis A.X. Schanne, Associate Professor of Pharmaceutical Sciences, B.A., La Salle College; Ph.D., Temple University; Molecular mechanisms of cellular injury and protection.

Niels Schmidt, Adjunct Assistant Professor, B.S., NY Institute of Technology, M.B.A., St. John's University.

Sharon See, Associate Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., Rutgers University; Family medicine.

Jun Shao, Associate Professor of Pharmacy and Administrative Sciences, B.S. Phm., Zhejiang University; M.S., China Pharmaceutical University, Ph.D. West Virginia University; Biotechnology and drug delivery; traditional Chinese medicine for cancer.

J. Andrew Skirvin, Associate Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Oregon State University; Pharm.D., University of Texas; Oncology.

Candace J. Smith, Associate Clinical Professor of Clinical Pharmacy Practice, B.S., San Jose State University; B.S. Phm., Pharm.D., St. John's University; Pharmacokinetics.

Emilio Squillante, Associate Professor of Pharmacy and Administrative Sciences, B.S. Phm., M.S., Ph.D., University of Rhode Island; Supercritical fluids; dissolution, pharmacokinetic and bioavailability to studies; drug analysis; transdermal absorption studies.

Ralph A. Stephani, Professor of Pharmaceutical Sciences, B.S., Holy Cross College; Ph.D., SUNY, Buffalo; Synthesis and evaluation of new analgesic agents; synthesis and evaluation of new anti-bacterial agents; development of new oral hypoglycemic agents.

Maria Sulli, Associate Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., St. John's University; Community pharmacy practice; patient education.

Donna Sym, Assistant Clinical Professor of Clinical Pharmacy Practice, B.S., Pharm.D., St. John's University; Infectious diseases.

Rabia Tahir, Assistant Clinical Professor of Clinical Pharmacy Practice, Pharm.D., St. John's University; Internal medicine.

Tanaji Talele, Assistant Professor of Pharmaceutical Sciences, B.S., University of Pune, India; M.S., Ph.D., Mumbai University; India; Computer-aided design (docking-3D-QSAR) and development of anticancer and antifungal compounds.

Michael S. Torre, Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., M.S. St. John's University; Endocrine disorders; diabetes.

Damary Torres, Associate Clinical Professor of Clinical Pharmacy Practice, B.S. Phm., Pharm.D., St. John's University; Internal medicine.

Louis Trombetta, Professor of Pharmaceutical Sciences, B.S., M.S., Ph.D., Fordham University; Metal neurotoxicology and oxidative stress.

Kenneth Wu, Associate Professor of Pharmacy and Administrative Sciences, B.S., Taipei Medical College; M.B.A., Ph.D., University of Minnesota; Pharmacoeconomics; computer applications in pharmacy; pharmacy management.

John N.D. Wurpel, Associate Professor of Pharmaceutical Sciences, B.S., Belmont Abbey College; M.S. Fairleigh Dickinson University; Ph.D., Pennsylvania State University; Effects of neuropeptides on CNS; neurophysiology of seizures.

Byron C. Yoburn, Professor of Pharmaceutical Sciences, B.A. Boston University; M.A., Hollins College; Ph.D., Northeastern University; Molecular aspects of opioid receptor regulation, drug tolerance and dependence.

S. William Zito, Professor of Pharmaceutical Sciences, B.S. Phm., St. John's University; Ph.D., University of Connecticut; Biosynthesis of pyrethrins; tissue culture as a method to study drug metabolism.

College of Professional Studies

Kathleen Vouté MacDonald
B.S., M.A., M.B.A., Ed.D.
Dean

Angelo Pisani, Ph.D.
Chair, Division of Criminal Justice and Legal Studies

Harvey Schlossberg, Ph.D.
Director, Graduate Program in Criminal Justice Leadership

Objective

The Graduate Division of the College of Professional Studies is a uniquely structured unit within the University offering academic degree programs in professional fields. The College is committed to offering each student an education that prepares that individual to make significant contributions to society, to the local community and to his/her chosen profession. 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. The uniqueness of the College comes from its blend of a strong liberal arts model of education combined with a highly respected professionally oriented curriculum. Throughout each of the college's programs, an enriched intellectual and academic environment is provided, enabling the student to explore and develop an appreciation for truth and within which the value and dignity of the human person is understood and respected.

Master of Professional Studies (M.P.S.) in Criminal Justice Leadership

Program of Study

The Graduate Division of the College of Professional Studies offers the Master of Professional Studies in Criminal Justice Leadership which prepares students for management and executive positions by examining critical leadership issues confronting the criminal justice system. The program employs an integrative approach linking theory with professional practice. As a result, criminal justice practitioners gain the advanced knowledge and leadership skills that are essential for executive positions in policing, courts and correctional services.

Students benefit from the superb resources and faculty of St. John's University, one of the largest Catholic universities in the U.S. St. John's has a long record of excellence in educating criminal justice professionals. This distinguished record—and the University's close ties to the criminal justice community—add luster to this outstanding learning experience.

The master's degree in Criminal Justice Leadership is a 36-credit program of study.

Comprehensive Examination

A comprehensive examination is administered at the completion of the following courses: CJL 101, CJL 102, CJL 103, CJL 201, CJL 202 and CJL 203. These courses are considered core requirements for a graduate degree in criminal justice. Therefore, students must demonstrate advanced knowledge of the components of the criminal justice system: the police service, the courts and the correctional service. Students must pass the comprehensive exam in order to continue in the program. Candidates are offered two opportunities to pass this examination.

Applied Research Project: The Capstone

The Capstone project is a comprehensive analysis of a significant incident, case problem or policy dilemma related to an agency with which the criminal justice practitioner is familiar. Students are required to develop a proposal identifying the problem they will address, the data to be collected and analyzed, a list of viable alternatives and a set of evaluation criteria to be used in selecting the best course of action to resolve the problem. The objective of The Capstone project is to produce a comprehensive analytical report that could be used in solving an actual organizational or policy-related problem in the agency considered.

Distinguished Lecturer Series

At various times throughout the academic year, distinguished academicians and criminal justice leaders deliver lectures at St. John's University. All students enrolled in the program are invited to these lectures. Students enrolled in a "Selected Topics in Criminal Justice" course are required to attend the series. In most instances, the lecture topic corresponds to the subject being covered in the "Selected Topics" course during that particular semester.

The Distinguished Lecturer Series enhances the intellectual quality of the program by serving as a catalyst for graduate students to examine some of the most pressing problems facing criminal justice leaders in the new millennium.

Completion Requirements

All candidates admitted to the Master of Professional Studies in Criminal Justice Leadership must complete the degree requirements within five years of commencing studies. Students must complete the 36-credit program with an average of "B" (3.0 GPA).

Admission Requirements

Applicants must submit the following evidence of their ability to pursue graduate study:

1. A baccalaureate degree from a regionally accredited college or university
2. A record of scholarly achievement at the undergraduate level. In general, applicants are expected to have an overall undergraduate average of "B" (3.0/4.0).
3. Two letters of recommendation from individuals who can comment on the candidate's academic abilities and potential to succeed in an academically rigorous graduate program. An academician who has taught and evaluated the candidate at the undergraduate level should submit one of these references. A supervisor or manager at the agency where an applicant is employed should submit a letter that addresses the applicant's leadership potential.
4. An essay of approximately 300 words describing the candidate's reason for pursuing graduate study and his or her leadership objectives must be included with the admission application.

Program Requirements

The M.P.S. in Criminal Justice Leadership is a 36-credit program that offers a comprehensive program of study to ensure that students meet specific learning objectives. Students may choose two courses from the "Selected Topics" offerings, which feature different topics on a number of pressing issues facing the criminal justice system. All courses in the M.P.S. Program are three-credit offerings.

Courses

Required Courses from the College of Professional Studies

CJL 101 Police Administration in the 21st Century

This course traces the history of American policing and examines organizational models used to deliver police services to communities. Students review the literature and research on policing in a democratic society.
Credit: 3 semester hours.

CJL 102 Critical Issues in Correctional Administration

This course addresses the most pressing issues facing correctional managers and executives and traces the history of correctional theories, with particular emphasis placed on care, custody and control issues.
Credit: 3 semester hours.

CJL 103 The U.S. Constitution and Criminal Justice Administration

Students analyze landmark decisions of the U.S. Supreme Court to explore the tension between the goals of public safety and individual liberty in a democratic society, and how these competing interests currently have been balanced in the U.S. *Credit: 3 semester hours.*

CJL 201 Criminal Justice Policy Formation and Analysis

This course provides an advanced examination of the development, implementation and evaluation of criminal justice policy in the United States and elsewhere. *Credit: 3 semester hours.*

CJL 202 Public Administration and the Criminal Justice Agency

This course examines the field of public administration with specific emphasis placed on the executive and leadership responsibilities of the criminal justice administrator.
Credit: 3 semester hours.

CJL 203 Ethical Issues in Criminal Justice Administration

This course analyzes the most pressing ethical issues facing the criminal justice executive. Case studies are reviewed to determine more effective integrity control policies and procedures. *Credit: 3 semester hours.*

CJL 301 Selected Topics in Criminal Justice I and II

This course features an in-depth analysis of a selected topic in criminal justice. A different topic will be examined each semester, enabling students to explore a pressing contemporary issue in criminal justice.
Credit: 6 semester hours.

CJL 401 Methods of Research in Criminal Justice

Students will be exposed to major research studies in policing, the courts and corrections, and encouraged to identify their relative strengths and weaknesses based on accepted research concepts and techniques.
Credit: 3 semester hours.

CJL 500 Seminar in Applied Leadership Practices

This course is designed to provide graduate students with the supervised observation and/or application of the professional practices of leadership. This practical perspective (field work), when coupled with readings and graduate seminars, will provide students with a rich, integrated understanding of the most current leadership practices. *The Seminar in Applied Leadership Practices is an elective.*
Credit: 3 semester hours.

CJL 501 Applied Research Project: The Capstone

The Capstone project is a comprehensive analysis of a significant incident, case problem or policy dilemma related to an agency with which the criminal justice practitioner is familiar. *Credit: 3 semester hours.*

Required management courses from The Peter J. Tobin College of Business

MGT 232 Organizational Behavior

Prerequisite: CJL 202. This course examines the contributions of behavioral science to the management process and the organization as a social-political system.
Credit: 3 semester hours.

MGT 280 Organizational Development

Prerequisite: MGT 232. This course examines planned change for improving the performance of individuals, groups and organizations emphasizing the structure and behavioral factors that interact to influence organizational effectiveness and productivity.
Credit: 3 semester hours.

For a complete listing of approved courses, please contact your Dean's office.

University Libraries

Administration

James A. Benson, University of Kansas; M.L.S., Ph.D., Rutgers University, *Vice-Provost and Dean of Information Resources and Libraries*

Dermot Cooper, B.A., City University of New York; M.L.S., St. John's University, *Records Manager*

John Garino, B.A., St. John's University; M.L.S., St. John's University, *Assistant Director Systems & eServices*

Shilpa Karnik, B.S., Bombay University; M.S., M.L.S., St. John's University

Theresa M. Maylone, B.A., Syracuse University, M.S., Pratt Institute, *University Librarian*

Brian L. Mikesell, B.A., B.F.A., Indiana University; M.A., New York University; M.L.S., Long Island University, *Associate University Librarian for Systems & Services*

Ismael Rivera-Sierra, A. B., University of Puerto Rico; M.L.S., Florida State University, *Director, Davis Library*

Blythe E. Roveland-Brenton, B.A., Binghamton University; M.L.S., St. John's University; M.A., Ph.D., University of Massachusetts, *Associate University Librarian for Collections, and University Archivist*

Galina Spicehandler, BA/MA, Leningrad State Institute of Theater, Music & Cinema; M.L.S., Pratt Institute, *Reference Librarian, Davis Library*

Richard Waller, B.S., Virginia Commonwealth University, M.S.L.S., Columbia University, *Systems and Web Librarian, Davis Library*

Maureen B. Weicher, B.A., Barnard College; M.S., CUNY, Baruch College; M.L.I.S., Pratt Institute, *Electronic Resources Librarian*

Faculty

Barbara B. Appleby, B.S. Boston University; M.Ed., Temple University; M.L.S., CUNY, Queens College, *Associate Professor and Director of Media Center, Queens*

Muhammed Billah, B.S., Diploma in LIS, M.A., University of Dhaka; M.L.S., St. John's University; M.A., CUNY, Queens College, *Associate Professor*

Cynthia D. Chambers, B.A., Capital University; M.L.S., Kent State University; M.T. S., Trinity Lutheran Seminary, *Associate Professor and Head of Information Management*

Lois Cherepon, B.A., Rutgers College; M.L.S., Rutgers University; M.A., SUNY, Binghamton, *Associate Professor, Staten Island*

Joan D'Andrea, B.A., M.L.S., St. John's University; M.A., C.W. Post Center of Long Island University, *Associate Professor and Development Officer*

Anna M. Donnelly, B.A., St. John's University; M. S., Columbia University; M.A., New York University, *Associate Professor*

Lucy Heckman, B.A., M.L.S., St. John's University; M.B.A., Adelphi University, *Associate Professor and Head of Reference*

Ann M. Jusino, B.A., Villanova University; M.L.S., Rutgers University; M.A., CUNY, *Associate Professor, Staten Island*

William Keogan, B.A., M.A., CUNY, Queens College; M.L.S., St. John's University, *Associate Professor*

P. Charles Livermore, B.A., College of Wooster; M.L.S., St. John's University; M.B.A., Rutgers University, *Associate Professor*

Andrea C. McElrath, B.S., Western Connecticut State University; M.L.S., Southern Connecticut State University; M.A.L.S., CUNY, *Associate Professor, Staten Island*

Mark Meng, B.A., Chongqing Architectural Engineering Institute; M.L.S., Ph.D., Rutgers University, *Associate Professor and Director, Staten Island*

Andrzej Sankowski, L.L.M., Jagiellonian University; M.L.S., Columbia University; M.B.A., CUNY, Queens College, *Associate Professor and Director, Collections and Information Management*

Kathryn Shaughnessy, B.A., Loyola College; M.A. Fordham; M.L.S., St. John's University, *Instructor*

Arthur Sherman, B.A., Manhattan College; M.L.S., M.A., CUNY, Queens College, *Associate Professor*

Victoria Tamborrino, B.S., M.S., M.L.S., St. John's University, *Associate Professor*

Connie Kuntz-Thorsen, B.A., University of Iowa; M.L.S., St. John's University; M.S., CUNY, Queens College, *Associate Professor*

Anthony Todman, B. S. Boston University; M.L.S., Pratt Institute; M.S., CUNY, Queens College, *Associate Professor*

Benjamin G. Turner, B.A., Concordia University; M.L.S., University of British Columbia, *Assistant Professor*

Tian Xiao Zhang, B.A., Hunan Normal University; M.A., Fordham University; M.L.S., St. John's University, *Associate Professor*

Amanda Xu, B.A., Shanghai International Studies University; M.S., University of Illinois, *Assistant Professor*

Law Library

Administration

Linda M. Ryan, B.S., Rutgers University; M.L.S. St. John's University; J.D., New York Law School. *Research Professor of Law and Director of the Rittenberg Law Library.*

Joseph P. Hinger, B.A., M.L.S., University of Pittsburgh. *Associate Director for Technical Services*

Professional Staff

Stanley R. Conrad, B.A., U.C.L.A.; M.A., Dalhousie University, Canada; M.A., Fuller Graduate School of Psychology; M.L.I.S., Long Island University; J.D. University of California, Hastings College of Law. *Reference/Special Collections Librarian*

Astrid Emel, B.A., M.L.S., St. John's University. *Reference/Circulation Librarian*

Rosemary LaSala, B.A., M.L.S., St. John's University. *Reference/Government Collections Librarian*

William H. Manz, A.B., College of the Holy Cross; M.A. Northwestern University; M.L.S., Long Island University; J.D., St. John's University. *Senior Research Librarian.*

Antonio Ramirez, B.A., Universidad Catolica Andres Bello, Venezuela; M.L.S. St. John's University, J.D. Duke University. *Reference Librarian*

Allan Ryan, B.A., Providence College; M.L.S., Queens College. *Assistant Director of Technical Services*

Aru Satkalmi, B.S., M.S., University of Poona, India; M.L.S., St. Johns University; M.S., St. John's University. *Senior Research Librarian*

Barbara Traub, B.A., SUNY, Buffalo, M.L.S., Long Island University, J.D., SUNY Buffalo. *Head of Reference and Instructional Services*

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. For further information about the program, you may contact Janet E. Mangione, M.A. Associate Director of Academic Service-Learning, Bent Hall, Garden Level, (718) 990-6268 or e-mail mangionj@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—Associate Dean of Students
Office of Student Life
St. John's University
8000 Utopia Parkway
Queens, NY 11439
Tel (718) 990-6568
Fax (718) 990-1853
lochriej@stjohns.edu

Staten Island Campus

Denise Hopkins—Dean of Student Life
St. John's University
300 Howard Avenue
Staten Island, NY 10301
Tel (718) 390-4504
Fax (718) 390-4531

Manhattan Campus

Michael McCorvey
Director of Student Life
St. John's University
101 Murray Street
New York, NY 10007
Tel (212) 277-5173

Students

The University's retention and graduation rates exceed national averages of institutions which participate in the Consortium for Student Retention Data Exchange (CSRDE). Seventy-nine percent of first-time, full-time baccalaureate degree seeking freshmen who entered in the fall of 2004 returned in the fall of 2005. Sixty-four percent of first-time, full-time baccalaureate freshmen who entered in the fall of 1999 graduated within six years.

Our teacher preparation program is approved by the New York State Education Department. Ninety-five percent of students who graduated from a teacher preparation program at St. John's University during the 2004-2005 academic year took and passed the New York State Teacher Certification exams, compared to 94% statewide. As of fall of 2005, there were over 1,650 students in teacher preparation programs. A student spends 35-40 hours a week student-teaching depending on the program.

Officers of Administration

Donald J. Harrington, C.M., 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;
President

Michael J. Carroll, C.M., B.A., Niagara University; M.Div., Th.M., Mary Immaculate Seminary College; M.A., Loyola University; *Executive Vice President for Mission and Branch Campuses*

James P. Pellow, B.B.A., M.B.A., Niagara University; Ed.D., University of Pennsylvania; Litt.D. (Hon.), Kokushikan University; *Executive Vice President and Chief Operating Officer*

Julia A. Upton, RSM, B.A., Ohio Dominican College; M.A., English, M.A., Theology, St. John's University; Ph.D., Fordham University;
Provost

Brij Anand, B.S., Vikram University; M.B.A., Brooklyn Polytechnic Institute; *Vice President of Facilities*

Cecilia S. Chang, B.A., Tamkang University; M.S., M.B.A., St. John's University; Ed.D., Columbia University; *Vice President for International Relations*

John P. Connolly, Jr., B.S., M.B.A., St. John's University; *Vice President and Director, Oakdale Campus*

Joseph V. Daly, C.M., B.A., Mary Immaculate Seminary College; M.A., M.S., St. John's University; LL.D. (Hon.), Niagara University; *Assistant to the President and Assistant Secretary*

Dorothy E. Habben, B.A., Adelphi University; M.A., St. John's University; Ph.D., New York University; *Vice President and University Secretary*

Clover Hall, B.Sc., University of the West Indies; M.B.A., Columbia University; Ed.D., Fordham University; *Vice President for Institutional Research and Academic Planning*

Mary T. Harper, B.A., Trinity College; *Senior Vice President for Human Resources and Institutional Planning and Research*

Thomas J. Lawrence, A.A.S., Nassau Community College; B.A., Long Island University; *Vice President for Public Safety*

James J. Maher, C.M., B.A., St. John's University; M.Div., Th.M., Mary Immaculate Seminary College; D.Min., Seminary of the Immaculate Conception; *Vice President for Student Affairs*

Brenda Majeski, B.B.A., Marshall University; M.B.A., University of Virginia; *Senior Vice President for Enrollment, Marketing and Communications*

André McKenzie, B.S., M.S., Illinois State University; M.Ed., Ed.D., Columbia University; *Vice President for Academic Support Services*

Thomas Nedell, B.B.A., Boston College; C.P.A., Massachusetts; M.B.A., St. John's University; *Vice President for Business Affairs and Treasurer*

Anthony R. Pacheco, B.S. Arch., City College, New York; M. Arch., Arizona State University; *Vice President and Chief of Staff*

James J. Perrino, B.B.A., Boston University; C.P.A., New York, New Jersey; *Senior Vice President for Administration*

Joseph Sciamè, B.S., St. John's University; *Vice President for Community Relations*

Pamela Shea-Byrnes, B.S., M.A., St. John's University; *Vice President for University Ministry*

Recognition

Accredited by:

American Association for Accreditation of Laboratory Animal Care (AAALAC)

AACSB International—The Association to Advance Collegiate Schools of Business (Business and Accounting)

American Bar Association

American Chemical Association

American 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

State Education Department of New York

The University maintains membership in some 200 professional organizations.

Founded by the Vincentian Community. Chartered by the Regents of the University of the State of New York.

Queens Campus Facilities

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.

St. Albert the Great Hall houses the College of Pharmacy and Allied Health Professions and the science departments, Environmental Health and Safety, Facilities and Construction and Public Safety. In addition to classrooms, science laboratories and faculty offices, the building also contains an auditorium and an animal care facility.

Carnesecca Arena, the athletic center, houses the main gymnasium seating over 6,000, an auxiliary gymnasium, various athletic activities rooms, coaches' offices, the Little Theatre, classrooms for hygiene and physical education and the Faculty Club. The Belson Soccer Stadium and varsity baseball field are also located on the Queens campus.

St. Augustine Hall, the center of the University library system, has a capacity exceeding 1,000,000 volumes. The building includes among its special facilities seminar rooms, carrels, exhibition areas, the Health Education Resource Center, the Language Laboratory, the University Freshman Center and the Institute for Writing Studies.

St. John the Baptist Hall houses St. John's College, the Graduate Division of ESL Program, Committee on Latin American and Caribbean Studies. St. John's College of Liberal Arts and Sciences and the Division of Special and Opportunity Programs and the Chaplain. It contains fine arts studios, photography darkrooms, classrooms and faculty offices.

St. Louise de Marillac Hall houses the Department of Institutional Advancement, Campus Ministry and the closed-circuit Television Center. Additional facilities include classrooms, faculty offices, the Counseling Center, Office of University Events, an auditorium and a food court. Marillac Terrace is a glass fronted extension of Marillac food court with seating for over 300. An information desk is located in this area at which newspapers and candy are sold. The lower level of this extension houses the University Bookstore.

Residence Village is the on-campus housing environment that contains the six residence buildings, Montgoris Dining Hall, and the women's softball field.

DaSilva Hall houses the Office of Health Services (enter on the Mall).

St. Thomas More Church is a freestanding church that houses the Campus Ministry office.

Newman Hall houses the central University executive and administrative offices. It also houses the University Computer Center, Offices of Student Life, Enrollment Management, International and Graduate Admission, Marketing and Communications, the Offices of Admission and Registrar and Financial Aid.

University Center, the hub of campus extracurricular activities, houses the Commons, Career Center, StormCard Office, Office of Student Life (U.C.), Lounge, meeting rooms, mailboxes and offices for student organizations, ticket sales and locker rental services. The C.A.U.S.E. trailer is located directly behind the University Center.

St. Vincent de Paul Hall, the priests' faculty residence, provides living accommodations for the Vincentian Fathers. The first floor of this building houses the Office of Undergraduate Admission and the Vincentian Center for Church and Society. Other facilities include a dining room, a library, a chapel, a recreation room and conference rooms.

The Second Lt. Thomas J. McDonald Reserve Training Center is named for a distinguished alumnus of St. John's College who was killed in World War II. It was erected by the federal government on a portion of the campus leased from the University. The reserves will be relocating and the building will be utilized by the University. The ROTC facilities are also housed here.

Belson Hall and Finley Hall house the administrative offices, the Law Library, Law Admission, Law Career Services, Elder Law Clinic, Moot Court Room, classrooms, faculty offices, student lounges and a cafeteria and other areas to support the School of Law.

Sun Yat Sen Hall houses the Center of Asian Studies and Chung-Cheng Art Gallery.

Bent Hall houses The Peter J. Tobin College of Business, College of Professional Studies, Office of Study Abroad Program, Professional Development and Training Center, the Printing and Distribution Services, and University Mail Services and the Division of Student Affairs. It also contains faculty offices, an auditorium and an art gallery.

Sullivan Hall houses the offices of The School of Education, as well as the Academic Technology Center, classrooms, lecture rooms and special purpose teaching facilities.

Chiang Ching-Kuo Hall houses the Office of Human Resources.

Seton Complex is the off-campus student housing that contains the Speech & Hearing Department, Center for Psychological Services and The Reading and Writing Education Center.

De Paul Houses is the off-campus student housing.

Taffner Field House

The facility houses:

Department of Athletics:

- (2) varsity basketball courts, with amenities for volleyball poles
- (2) teams' locker rooms, bathrooms, shower rooms, and lounges for the men's and women's players.
- Office level with (2) private bathrooms, locker rooms and pantries to accommodate the men's and women's basketball coaches
- A weight training room, and medical training room, designed specifically for basketball
- A team classroom.
- A basketball equipment storage room.
- (2) recreational basketball courts, with amenities for volleyball poles
- (2) recreational locker rooms, bathrooms, shower rooms
- Recreational gathering area featuring a community lounge and cafe,
- A recreation equipment storage room.

Staten Island Campus Facilities

Staten Island Campus is located on 16.5 acres on Grymes Hill in the borough of Richmond.

Flynn Hall, the Administration building, houses various services for faculty and students and the following offices: Senior Vice President, the Office of the Registrar and the Bursar. Also in this building is Academic Computing, Counseling and Testing, the Microcomputer Lab, the Computer Training Center and the Boardroom.

Spellman Hall houses the following offices: The Peter J. Tobin College of Business, Graduate and Undergraduate Divisions, the office of the Graduate Division of The School of Education, the Counseling Center; Security, the campus newspaper and faculty offices for the The College of Business. A large conference room is located in the west end of Spellman Hall.

Lavelle Hall contains classrooms, the St. Vincent de Paul Chapel, the College of Professional Studies office, an office for Campus Ministry and the Career Center.

Mahoney Hall provides classrooms, the Office of Special and Opportunity Programs and the psychology laboratory. The Rathskeller/Student Lounge, located on the lower level, offers a variety of hot meals and sandwiches and is equipped with vending machines offering cookies, candy and snack items.

The Loretto Memorial Library is committed to the teaching and learning processes by providing information resources and instructional services. It contains over 134,000 volumes of books, periodicals, microfilm and microfiche which support the undergraduate and graduate programs of the University. An instructional program provides training in the use of library materials through class lectures, orientation programs and individual instruction.

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 services. Cooperative arrangements with other libraries provide regional, national and international access to materials.

Kelleher Hall Admissions, Financial Aid offices are housed in this building along with The Fitness Center and Bookstore.

St. Joseph's Hall Facilities office and garage are in this building.

Campus Center On the second level of this building is the gym, on the lower level the cafeteria, Student Life offices, student government and health offices.

Rosati Hall The College of Professional Studies, their offices and faculty are housed here.

DaSilva Center Housed in this building on the third floor are St. John's College faculty offices, on the second floor are classrooms and the offices of Graduate Education. On the first floor is the computer lab.

Resident Housing The students are housed in apartments adjacent to St. John's University.

Directions to 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

IND: "E" or "F" train to Union Turnpike - Kew Gardens station. Q46 bus to Utopia Parkway and Union Turnpike.

"F" train to 169th St. station. Q30 bus or Q31 bus to St. John's University.

IRT: Flushing subway to Main St., Flushing; Q17 bus to Utopia Parkway and Long Island Expressway. Transfer to Q30 or Q31 bus for St. John's University.

LIRR: Jamaica Station. Q30 or Q31 bus to 169th St. and Hillside Ave. Flushing station. Q17 bus to Utopia Parkway and Long Island Expressway. Transfer to Q30 or Q31 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.

Directions to 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.

Direction to 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

INT 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.

IRT 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, or 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.

Directions to Oakdale Location

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 5 traffic lights. (The Oakdale shopping plaza is on your left after the 5th 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 LIRR 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 LIRR 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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