

**LIU Post**  
**2012-2013**  
**Graduate Bulletin**



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# LIU Post

## 2012 - 2013 Graduate Bulletin

*720 Northern Blvd, Brookville, New York 11548*

*General Information: 516-299-2000*

*[www.liu.edu/post](http://www.liu.edu/post)*

*Admissions: 516-299-2900*

*E-mail: [post-enroll@liu.edu](mailto:post-enroll@liu.edu)*

Notice to Students: The information in this publication is accurate as of May 1, 2012. However, circumstances may require that a given course be withdrawn or alternate offerings be made. Therefore, LIU reserves the right to amend the courses described herein and cannot guarantee enrollment into any specific course section. All applicants are reminded that the University is subject to policies promulgated by its Board of Trustees, as well as New York State and federal regulation. The University therefore reserves the right to effect changes in the curriculum, administration, tuition and fees, academic schedule, program offerings and other phases of school activity, at any time, without prior notice.

The University assumes no liability for interruption of classes or other instructional activities due to fire, flood, strike, war or other force majeure. The University expects each student to be knowledgeable about the information presented in this bulletin and other official publications pertaining to his/her course of study and campus life. For additional information or specific degree requirements, prospective students should call the campus Admissions Office. Registered students should speak with their advisors.

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## LIU

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In its ninth decade of providing access to the American dream through excellence in higher education, LIU is a multicampus, diverse, doctoral institution of higher learning. One of the largest and most comprehensive private universities in the country, the University offers more than 575 undergraduate, graduate and doctoral degree programs and certificates, and educates over 24,000\* students in degree-credit and continuing education programs in Brooklyn, Brookville (LIU Post), Brentwood, Riverhead, and Rockland and Westchester (LIU Hudson). Other academic units include LIU Pharmacy (the Arnold & Marie Schwartz College of Pharmacy and Health Sciences), which prepares students for successful careers in the fields of pharmacy and health care; LIU Global, which provides a wide range of study abroad options at overseas centers in China, Costa Rica and India, and through programs in Australia, Ecuador, Peru, Taiwan, Thailand and Turkey; and LIU Online, which harnesses the latest technology to offer online and blended programs.

LIU's 630 full-time faculty members provide outstanding instruction, which is supplemented by internships and cooperative education opportunities. The accomplishments of more than 186,000 living alumni are a testament to the success of its mission – providing the highest level of education to people from all walks of life. The institution also provides enrichment for students and the community through the world-class arts programming at LIU Tilles Center, NCAA Division I and II athletic teams and the nationally renowned George Polk Awards in journalism.

*\*This number includes high school students enrolled in one or more degree-credit courses.*

### **Accreditation and Program Registration**

LIU is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104, (215) 662-5606. The Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation. The degree and certificate programs also are approved and registered by the New York State Department of Education.

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## CAMPUSES OF LIU

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### The Residential Campuses

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#### LIU Brooklyn

LIU Brooklyn is distinguished by dynamic curricula reflecting the great urban community it serves. Distinctive programs encompass the arts and media, the natural sciences, business, social policy, urban education, the health professions, pharmacy and the health sciences, all on a pluralistic campus that draws insight and strength from differences. The campus offers Ph.D. programs in clinical psychology and pharmaceuticals, the D.P.T. in physical therapy and the Pharm.D. in pharmacy. In the past year, LIU Brooklyn has received more than \$3,000,000 in new external funding to support a variety of programs including faculty research, community outreach and student-centered projects.

Founded in 1926, LIU Brooklyn is the original unit of Long Island University and its only one in New York City. The 11-acre site in downtown Brooklyn is convenient to many subway and bus lines and the Long Island Rail Road.

The campus offers more than 200 associate, undergraduate, graduate, doctoral and certificate programs. Serving a diverse student body, its academic units include the Richard L. Conolly College of Liberal Arts and Sciences; the School of Business, Public Administration and Information Sciences; the School of Education; the School of Nursing; the School of Health Professions; and LIU Pharmacy (the Arnold & Marie Schwartz College of Pharmacy and Health Sciences). It is known for its nationally recognized Honors Program.

The \$45-million Wellness, Recreation and Athletic Center serves the Campus and the surrounding community, and the Cyber Café provides a high-tech hot spot for students and faculty members to meet and eat.

#### LIU Post

LIU Post is distinguished by programs of excellence and small classes in five schools of study: College of Education, Information and Technology; College of Liberal Arts and Sciences; College of Management; School of Health Professions and Nursing; and School of Visual and Performing Arts. The wooded suburban campus, only 20 miles from New York City, is home to the renowned Tilles Center for the Performing Arts, Hillwood Art Museum and WCWP-FM. LIU Post offers the Ph.D. in information studies, the Psy.D. in clinical psychology and the Ed.D. in interdisciplinary educational studies.

The campus was established on the former estate of cereal heiress Marjorie Merriweather Post in 1954 to accommodate the growing educational needs of Nassau County following World War II. Formerly known as the C.W. Post Campus of Long Island University, LIU Post offers its full-time, part-time and non-credit students a comprehensive range of more than 240 associate, undergraduate, graduate and doctoral degree programs and certificates. In addition, the campus offers college credit courses to high school students in area schools.

LIU Post is recognized as one of the nation's most beautiful academic settings. Modern buildings range from an acclaimed student union to an elegant library. Beautiful red-brick academic buildings, including Humanities Hall, Pell Hall/Life Science and the Kahn Discovery Center, are outfitted with wireless classrooms, major-specific laboratories and computer centers. The campus's award-winning cooperative education program is nationally renowned for its extensive career counseling and job placement services.

Fifteen NCAA men's and women's sports teams take advantage of LIU Post's 70 acres of playing fields. Clubs, fraternities and sororities provide many other outlets for student activities. The campus's \$18-million Pratt Recreation Center is a state-of-the-art health and fitness facility featuring an eight-lane swimming pool, three full-size basketball courts, racquetball courts and an elevated jogging track.

Tilles Center for the Performing Arts, Long Island's premier concert facility, brings Carnegie Hall and Lincoln Center to the campus with world-class jazz, rock, folk music, dance, mime, orchestral and chamber music performances.

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## The Regional Campuses

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### LIU Brentwood

Since 1959, LIU Brentwood has served the diverse communities of western Suffolk County with premier undergraduate and graduate programs. The Campus is conveniently located near the Long Island Expressway and boasts ample parking facilities. Library, computer resources and academic advisement services are all available on site. Since LIU Brentwood is primarily a teaching institution, classroom instruction is its top priority. While most faculty members are involved in research, scholarly writing or creative activities appropriate to their discipline, all are measured against the highest standards of teaching excellence. Some programs require completing coursework at another LIU campus.

### LIU Hudson

For more than a quarter of a century, Long Island University has been offering graduate degree and certificate programs in Rockland and Westchester Counties. LIU Hudson at Rockland is conveniently located near the Palisades Parkway in Orangeburg, N.Y., just two miles from the New Jersey border. LIU Hudson at Westchester is located in a state-of-the art facility on the grounds of Purchase College, which features high-tech classrooms designed for adult learners. Both centers boast technologically advanced library resources and mainframe-networked computer labs, and offer small classes with personalized instruction delivered by full-time and adjunct faculty members who bring a wealth of practical experience and an understanding of career trends to the classroom.

Students enroll as degree candidates or as non-degree students who wish to pursue graduate courses for personal enrichment or professional advancement. Most classes in Rockland and Westchester are held in the late afternoons, in the evenings and on weekends to meet the scheduling needs of working adults. Program offerings include: business (M.B.A. and/or advanced certificates in health care sector management and cyber security for business professionals); health or public administration (M.P.A. and advanced certificate in gerontology); educational leadership (M.S.Ed. and/or advanced certificate); education (M.S.Ed. and/or advanced certificate) in the areas of childhood – grades 1-6, early childhood, middle childhood and adolescence – grades 5-12, special education, autism, literacy, bilingual, TESOL, bilingual extension, gifted extension, writing and reading, school counseling and school psychology; marriage and family therapy (M.S.); mental health counseling (M.S.); and pharmaceuticals (M.S.) with specializations in industrial pharmacy and cosmetic science. The Palmer School of Library and Information Science, which is based at LIU Post, also offers a rich array of graduate-level courses at LIU Hudson at Westchester.

### LIU Riverhead

LIU Riverhead offers high-quality undergraduate and graduate courses and programs to residents of Long Island's East End. Conveniently located on Suffolk County Community College's Eastern Campus, just 10 minutes from exit 70 on the Long Island Expressway, it provides working adults and recent baccalaureate graduates with the opportunity to pursue a private education in conveniently scheduled day and evening programs.

Offerings include the upper division B.S. in childhood education (grades 1-6), the upper division B.A. in communication studies - new media, the M.S. in childhood education (grades 1 – 6), the M.S. in literacy education (birth – grade 6), the M.S. in teaching students with disabilities (grades 1 – 6 or generalist grades 7 – 12) and an advanced certificate in applied behavior analysis. In addition, an M.S. in homeland security management and advanced certificates in homeland security management and cyber security policy are offered fully online. The Homeland Security Management Institute features comprehensive curricula designed by professionals for professionals. Faculty members and guest lecturers include some of the top names in law enforcement, counterterrorism and government.

## LIU POST MISSION STATEMENT

At its core a liberal arts institution, LIU Post is dedicated to meeting the needs and expanding the horizons of all its students, whether in the arts and sciences or in our professional schools. At LIU Post, we are committed to providing highly individualized educational experiences in every department and program from the freshman year through advanced doctoral research in selected areas. The emphasis on the student learner is evident in our faculty's devotion to excellence in teaching, our intensive advisement system and our encouragement of experiential learning through cooperative education, internships, practica, community service, study abroad, research projects and artistic performance. Our students benefit as well from the Campus' participation in one of the nation's largest private university systems and from our ability to draw on the unparalleled cultural and professional resources of New York City and Long Island. LIU Post students develop strong critical and expressive abilities, a sense of civic responsibility and a mature understanding of the ideas, events and forces shaping the modern world.

## GENERAL INFORMATION

### LIU Post

LIU Post was founded by Long Island University in 1954 to accommodate the educational needs of Nassau County residents and workers.

Today, LIU Post enrolls 8,700 full- and part-time students from all over the globe and offers a comprehensive range of undergraduate, graduate and certificate programs in accountancy, business, computer science, education, health professions and nursing, liberal arts and sciences, library and information science, public service, and the visual and performing arts. Doctorates are offered in clinical psychology, interdisciplinary studies and information studies.

To meet the needs of students with busy lives, courses are offered year-round during the day, evenings and weekends. The Campus offers the traditional fall semester (begins in September) and spring semester (begins in January), plus a winter session and three summer sessions.

With its tree-lined paths, rolling green lawns and historic buildings, the 307-acre Brookville campus is recognized as one of the most beautiful in the nation. LIU Post is located in Nassau County, Long Island, an area that combines metropolitan sophistication with suburban beauty and convenience. It is less than an hour by automobile or train from Manhattan.

The Campus is formed by three notable estates from Long Island's famed "Gold Coast" era and

includes the former homes of financial wizard E.F. Hutton and Marjorie Merriweather Post, daughter of breakfast cereal creator Charles William Post. The Campus is named for Mrs. Post's father, who, in building his cereal empire, embodied ingenuity, determination and courage – qualities that are living inspirations for the University's faculty and students.

Modern campus buildings range from an award-winning student union to an elegant library. Most classes are conducted in eight major academic buildings on campus: Humanities Hall, Kahn Discovery Center, Pell Hall/Life Science, Hoxie Hall, Roth Hall, Lorber Hall, Fine Arts and the B. Davis Schwartz Memorial Library.

To provide students with a high-tech learning experience, LIU Post has more than 500 computer workstations throughout the Campus and wireless capabilities in the library, student centers and outdoors, on the Great Lawn. The Campus boasts several major-specific computer laboratories in such disciplines as accountancy, music, multimedia arts, journalism and computer science. Many academic buildings feature "smart classrooms" with multimedia capabilities, laptop connections and Internet access.

Every residence hall room is wired with two Internet access ports and all students receive free e-mail accounts.

LIU Post has an extensive academic advisement system and offers excellent career counseling and placement services. The LIU Post Cooperative Education program has garnered national awards for its stellar reputation and high job placement rates for graduating students. From the world-renowned Tilles Center for the Performing Arts and Hillwood Art Museum to the Hutchins Gallery and award-winning Post Theatre Company, LIU Post provides a rich selection of on-campus cultural events, with more than 1,000 activities each year. These include plays and recitals, symphonies, dance performances, and rock and pop concerts by the world's leading artists as well as art exhibits, lectures and conferences.

The Campus serves the general public through exceptional community outreach programs, including the Long Island Women's Institute, the Center for Gifted Youth, the Center on Aging, the Psychological Services Center, the J.M. Ladge Speech and Hearing Center, the LIU Post Community Arboretum, the Hutchins Gallery and Tilles Center for the Performing Arts.

Dining facilities and food service areas are available in several locations. The Arnold S. Winnick Student Center, located in the Residence Hall Quadrangle, contains an all-you-care-to-eat cafeteria and a banquet hall called the Gold Coast Room. Hillwood Commons offers a full-service cafeteria as well as a Subway sandwich shop, a hot grilled food station and a Starbucks. The P.O.D., located on the lower level of Pell Hall/Life Science, and the Bookmark Cafe in the library offers snacks, prepackaged food and light lunch

throughout the day and evening hours. The Grab & Go snack bar in Humanities Hall offers sandwiches, snacks and beverages.

## Faculty

Full- and part-time faculty members as well as a number of visiting professors educate LIU Post students. Of the full-time faculty, approximately 90 percent hold the highest degree available in their field.

LIU Post is primarily a teaching institution; classroom instruction is its priority.

The faculty who deliver the curriculum include many accomplished scholars and artists. Research and publication by faculty members are encouraged and supported through a program of research grants, release time from teaching duties, sabbaticals, travel allowances, and assistance in writing grant proposals to secure private and government sources of funding. Various LIU Post programs also employ adjunct or part-time faculty in a number of capacities:

1. In professional areas such as business, accountancy, computer science, education, journalism, communications and criminal justice, where full-time experience and active participation in the field are desirable qualifications;
2. In fine arts such as music, painting, sculpture and theatre, where again, a faculty member is practicing as well as teaching his or her specialty;
3. In other departments such as English or mathematics that need a large staff to serve the number of students enrolled in required courses.

## Annual Campus Security Report

A copy of LIU Post's annual security report includes statistics for the previous three years concerning reported crimes that occurred on the Campus; in certain off-campus buildings or property owned by or controlled by LIU Post; and on public property within, or immediately adjacent to and accessible from, the Campus. The report also includes institutional policies concerning campus security such as policies concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault and other matters. You can obtain a copy of this report by contacting: Admissions Office, LIU Post, 720 Northern Blvd., Brookville, NY 11548 or by accessing the following website: [www.liu.edu/Post/PublicSafety](http://www.liu.edu/Post/PublicSafety). You can also obtain a PDF copy of the Annual Security and Fire Report by accessing the following website: [www.liu.edu/Post/PublicSafety](http://www.liu.edu/Post/PublicSafety).

**ACADEMIC CALENDAR 2012-2013**

**Fall Term 2012**

Classes Begin	September 5
Add/Drop and Late Registration (instructor permission required to add Lab Science courses as of 9/12)	September 5-18
Award of September Degrees	September 21
Columbus Day - Administrative Offices Open - <i>No Classes</i>	October 8
Last Day to File for January 2013 Degree	October 19
Registration Begins for Spring 2013 (tentative date)	October 15
Election Day - Administrative Offices Open - <i>No Classes</i>	November 6
Last Day to Opt P/F or Withdraw	November 9
Thanksgiving Recess - <i>No Classes</i>	November 21-25
Last Day of Regular Classes	December 11
Study/Snow Days/Alternate Class Days	December 12-13
Final Examination/Final Class Meetings	December 14-20
Final Exam Contingency Day (in the event of snow closure during final exam week)	December 21
Term Ends	December 21
Conferral of January Degrees	January 18

**Spring Term 2013**

Classes Begin	January 22
Add/Drop and Late Registration (instructor permission required to add Lab Science courses as of 1/29)	January 22 - February 4
Last Day to File for May 2013 Degree	February 15
Presidents' Day - <i>No Classes</i>	February 18
<b><i>Monday Classes Meet, Tuesday Classes Suspended</i></b>	February 19
Registration Begins for Summer 2013 (tentative)	March 4
Spring Recess - <i>No Classes</i>	March 11-17
Registration Begins for Fall 2013 (tentative)	March 18
Last Day to Opt P/F or Withdraw	April 5
Last Day of Regular Classes	April 30
Study/Snow Days/Alternate Class Days	May 1-2

Final Examinations/Final Class Meetings	May 3-9
Commencement (tentative)	May 10
Conferral of May Degrees	May 17

**Summer Term 2013**

**SESSION I - 2013**

Classes Begin	May 20
• 5-Week Session, May 20 - June 21	
• 10-Week Session, May 20 - July 26	
• 12-Week Session May 20 - August 9	
Add/Drop and Late Registration	May 20-21
Memorial Day Holiday – <b>No Classes</b> (Make-up Day – May 31)	May 27
Make-up Day for Memorial Day	May 31
Last Day to Opt P/F or Withdraw for Five Week Session*	June 7
Summer I 5-Week Session Ends	June 21

**SESSION II - 2013**

Classes Begin - 2nd 5-Week Session	June 24
Add/Drop and Late Registration	June 24-25
July 4th Holiday – <b>No Classes</b> (Make-up Day – July 5)	July 4
Make-up Day for July 4th Holiday	July 5
Last Day to File for September Degree	July 12
Last Day to Opt P/F or Withdraw for Education and Library Science	July 19
Ten Week Session Ends	July 26
Summer II 5-Week Session Ends	July 26

**SESSION III - 2013**

Classes Begin – 3rd 5-Week Session	July 29
Add/Drop and Late Registration	July 29-30
12-Week Session Ends	August 9
Last Day to Opt P/F or Withdraw (for Education and Library Science only)	August 23
Summer III 5-Week Session Ends	August 30

\*Last day to withdraw from a class or elect Pass/Fail option is:  
 5 week session: One week prior to end of session  
 10 week session: Two weeks prior to end of session  
 12 week session: Three weeks prior to end of session



**Winter Term 2012-2013**

Classes Begin	December 26
Add/Drop and Late Registration	December 26
New Years Holiday - <i>No Classes</i>	December 31 - January 1
Classes End	January 10

G: 7-Week Session

June 30 - August 11

**Weekend College 2012-2013****SESSION I, FALL 2012**

A: 1st Sat. 7-Week Session	September 8 - October 27 (no class Oct. 6)
C:	September 8-9; September 29-30; October 27-28
C: (Off Campus)	September 15-16; October 6-7; November 3-4
G: 1st Sunday 7-Week Session	September 9 - October 28 (no class Oct. 7)

**SESSION II, FALL 2012-13**

A: 2nd Sat. 7-Week Session	November 10 - January 5 (no class Dec. 29)
C:	November 10-11; December 8-9; January 5-6
C: (Off Campus)	November 17-18; December 15-16; January 12-13
G: 2nd Sunday 7-Week Session	November 11 - January 6 (no class Dec. 30)

*No Classes:***November 21-25 Thanksgiving  
December 29-30 New Year's****SESSION III, SPRING 2013**

A: 1st Sat. 7-Week Session	January 26 - March 9
C:	January 26-27; February 16-17; March 16-17
C: (Off Campus)	February 2-3; February 23-24; March 23-24
G: 1st Sunday 7-Week Session	January 22 - March 10

**SESSION IV, SPRING 2013**

A: 2nd Sat. 7-Week Session	March 30 - May 11
C:	March 30-31; April 20-21; May 11-12
C: (Off Campus)	April 6-7; April 27-28; May 18-19
G: 2nd Sunday 7-Week Session	March 31 - May 12

**SESSION V, SUMMER 2013**

A: 7-Week Session - Sat.	June 29 - August 10
C:	June 29-30; July 20-21; August 10-11
C: (Off Campus)	July 6-7; July 27-28; August 17-18

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## ENROLLMENT SERVICES

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### Summer Sessions

The Summer Sessions include undergraduate and graduate course offerings by all schools/colleges at LIU Post. LIU Post offers three sessions of classes during the summer months from May through August. Courses range from one to four credits and are generally five weeks in length. Other opportunities include a weekend college term, one-week intensive learning institutes, and study abroad courses at 40% off the regular tuition rate.

The College of Management's graduate courses meet for one 10-week period and the School of Professional Accountancy's graduate courses meet for one 12-week program. The courses are equivalent in content and credits to courses offered during the regular academic year.

Summer session courses allow students to accelerate their studies or to take special courses to supplement their regular programs.

For further information, contact the Office for Non-Traditional Student Programs at 516-299-2431 or visit [www.liu.edu/post/summer](http://www.liu.edu/post/summer).

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### Evening Program

One of the main functions of the Evening Programs is to provide educational opportunities for students preferring late afternoon, and evening courses that are convenient for their work and/or family responsibilities. LIU Post schedules classes until 9 p.m. on most weekdays in an effort to accommodate student's scheduling needs.

For further information, contact the Office for Non-Traditional Student Programs at 516-299-2431 or e-mail [study@cwpost.liu.edu](mailto:study@cwpost.liu.edu).

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### Weekend College

Weekend College is an intensive educational program offered through the Office for Non-Traditional Student Programs and is designed for students who are unable to attend classes during the week, or who prefer the weekend format. Courses offered are the equivalent in content and credits to the courses offered during the regular academic year.

There are Weekend College schedules designed to meet individual needs: seven Saturdays and or seven Sundays; three intensive weekends; and six consecutive Saturdays.

Weekend College also provides the opportunity for concentrated study in selected academic areas, course work for certification and in-service training for educators and professionals.

For further information, contact the Office for Non-Traditional Student Programs at 516-299-2040.

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### Winter Session

The LIU Post Winter Session is a popular 10-day session that is ideal for students who wish to accelerate, enrich or begin their college studies. Winter Session usually runs from late December to early January and courses are offered at a 1/3 tuition discount. Winter Session includes several undergraduate and graduate courses from a variety of disciplines and are offered during the morning, afternoon and evenings. Most course offerings are 3-credits and can be applied to undergraduate core requirements, major and minor requirements, or serve as elective courses. Graduate students have the opportunity to fulfill major or elective requirements. Winter Session also offers three-credit travel courses at 40% off the regular tuition rate.

For more information please contact the Office for Non-Traditional Student Programs at 516-299-2431 or visit [www.liu.edu/post/winter](http://www.liu.edu/post/winter).

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### Senior Adult Programs

To be eligible to participate in the Senior Adult Program, you must be 65 years or older prior to the beginning of the term for which you wish to enroll.

The Office for Non-Traditional Student Programs coordinates educational services for senior citizens. Please note that senior citizens may not submit registration until one week before classes begin. These registrations will be processed on the first day of classes if there are seats available. Senior Citizens pay 1/2 tuition for credit courses and 1/4 tuition for audit courses.

The special senior citizen tuition rate is not applicable to institutes, workshops, continuing education programs, per capita classes, individualized courses of instruction, or studio art classes. Senior Citizens are not eligible for awards that further reduce the tuition rate.

Please note that while special course fees such as laboratory fees and art fees still apply as indicated, the following fees are waived: application, registration and activity fees.

For further information and tuition, contact the Office for Non-Traditional Student Programs at 516-299-2445, e-mail: [adult-services@cwpost.liu.edu](mailto:adult-services@cwpost.liu.edu).

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### Intensive English Program for International Students

The Intensive English Program, part of the LIU Post English Language Institute, offers international graduate and undergraduate students an opportunity to improve their listening, speaking, reading and writing skills in preparation for future college study or for their own enrichment. Specific instruction is also provided in grammar and American culture. Programs are

provided each year in the fall and spring semesters and an intensive Summer session. In all of these programs, students work closely with experienced and dedicated teachers in classroom and laboratory settings.

Prospective international students lack extensive English skills but, meet academic requirements for a graduate degree program, may be considered for conditional admission. In these cases, students with strong academic records (from prior secondary and collegiate institutions) may be eligible to enter the University, complete the Intensive English Program, and then continue in their chosen field of study. Conditionally admitted graduate students may qualify for our ESL Transition Program, which enables students to take an academic class while studying ESL.

Interested students should consult with the International Admissions Office for additional information.

All Intensive English Programs provide:

- Small, comfortable classes (approximately 15 students)
- Convenient Monday through Thursday schedule
- 20 hours of class per week of Intensive English instruction
- State-of-the-art computer and Internet equipped laboratories
- Experienced, dedicated instructors

For more details contact the Intensive English Program office at 516-299-4002 or send an e-mail to: [ELI@cwpost.liu.edu](mailto:ELI@cwpost.liu.edu). Visit our website at [www.liu.edu/post/ELI](http://www.liu.edu/post/ELI).

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### Veteran Services

LIU Post has a proud and distinguished history of serving its nation's military veterans and active duty service members. Our supportive community of staff and faculty is dedicated to seeing you succeed in your education, your career and your life. To accomplish this mission, LIU Post provides the resources you need to pursue your education while balancing the demands of life both inside and outside the classroom.

Our team of professionals is ready to help you learn more about admissions requirements, veterans' benefits and financial aid, academic and career advising, health and wellness counseling, disability support services, tutoring, and student activities. We're here to help you access these services and assist you every step of the way. For more information please contact our Veteran and Military Affairs Coordinator at 516-299-2256.

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## ADMISSION

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Requests for a graduate admission application and related correspondence concerning admission to graduate programs should be directed to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, New York 11548-1300

Telephone: 516-299-2900

Online application: [www.liu.edu/post/onlineapp](http://www.liu.edu/post/onlineapp)

Email: [post-enroll@liu.edu](mailto:post-enroll@liu.edu)

Website: [www.liu.edu/post/graduate](http://www.liu.edu/post/graduate)

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## Admission Procedures

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To apply for admission, a student must submit official undergraduate and/or graduate transcripts from any college or university attended.

Candidates for graduate study must have a conferred bachelor's degree, or its equivalent, from an accredited institution and must have an acceptable academic record. An applicant who is in his or her senior year at an undergraduate institution may apply for admission. Some programs require letters of recommendation, standardized test scores, and/or other documentation.

Specific application requirements detailed online [www.liu.edu/post/admissions/graduate](http://www.liu.edu/post/admissions/graduate).

A non-refundable \$40 application fee must accompany the application.

An applicant should file his or her application and supporting documents as early as possible. Eligibility requirements and deadlines vary by department and program. Specific information is outlined in the individual departmental descriptions available online.

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## Graduate Admission Status

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A student may be admitted to LIU Post for graduate study in one of the following categories:

For additional information, please consult with the Graduate Admissions Office at 516-299-2900 or e-mail: [post-enroll@liu.edu](mailto:post-enroll@liu.edu).

1. A Standard Admit is a student who has submitted all required documentation and meets all eligibility requirements for his or her degree program.
2. A Limited Admit is a student who does not meet all academic requirements or has not submitted all required credentials for standard admission.
3. Any student accepted as Limited because of academic deficiencies must satisfy all conditions outlined in the acceptance letter to continue in graduate studies. If the conditions of limited matriculation are not satisfied, the student may be permanently reclassified as a Non-Matriculant.
4. A Non-Degree Admit is a student who is taking a limited number of courses for education

certification within the College of Education, Information and Technology but is not a candidate for a graduate degree or advanced certificate. Non-Degree students must submit a graduate admissions application and select "Undecided Education" as the Intended Major.

5. A student who holds a bachelor's degree and wish to take a limited number of undergraduate or graduate-level courses, may be admitted as a Personal Enrichment Student. Acceptance as a Personal Enrichment Student does not constitute acceptance into a degree or certificate program although courses taken might apply to degree programs if a student subsequently applies to and gains admission to a specific program. Most departments limit students to 6-9 credits taken under Personal Enrichment; in addition, some departments do not allow students to enroll with Personal Enrichment status. A maximum of two semesters of Personal Enrichment are permitted, and students must complete an application each semester prior to registration. A Visiting Student is a student who attends another university and is taking a course at LIU Post with permission from the student's home university.
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## International Students

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### Admissions Criteria

LIU Post welcomes applications for admission from international applicants. If you are not a citizen or permanent resident of the United States, you must apply to LIU Post as an "international student." It is recommended that an international student applicant submit an Application for International Admission and the following supporting documents to the International Admissions Office by June 1 for September admission or by November 1 for January admission (except where other departmental deadlines apply as detailed online at [www.liu.edu/Post/Admissions/Graduate/Start/Deadlines](http://www.liu.edu/Post/Admissions/Graduate/Start/Deadlines)). A non-refundable \$40 application fee must accompany the application.

- Original, sealed official records or properly attested copies of completed university work and verification of earned degrees (official certified translations required if records are not in English).
- Test of English as a Foreign Language (TOEFL), International English Language Testing System (IELTS), or Pearson Test of English (PTE) results (see Language Proficiency, below, for admission and conditional admissions standards).
- Personal Statement that addresses the reasons for pursuing graduate work in intended area of study.
- Standardized examination test results if required (see department requirements).
- Two or three letters of recommendation and/or other documentation (such as a Resume, Video

Audition, or Portfolio) required for specific programs as outlined in departmental requirements detailed online [www.liu.edu/post/admissions/graduate](http://www.liu.edu/post/admissions/graduate).

### Immigration Requirements

An admitted international applicant who intends to apply for an F-1 student visa must submit an I-20 Application showing that he/she can finance his/her educational and living expenses. Financial documents from the student and/or sponsor, and a copy of a valid passport must be submitted in support of the I-20 Application.

Upon acceptance, payment of tuition deposit, and submission of all required financial documentation, each eligible student is sent a certificate of Eligibility for Nonimmigrant (F-1) Student Status (also called a Form I-20). This form may be used to apply for an F-1 entrance visa to the U.S. issued by American embassies abroad. For detailed information visit our International Admissions website at [www.liu.edu/post/international](http://www.liu.edu/post/international); 1-516-299-2637; e-mail [international@cwpost.liu.edu](mailto:international@cwpost.liu.edu).

### Language Proficiency

Minimum TOEFL score for graduate admission: some exceptions apply for select programs such as Nursing and Clinical Lab Science; effective Spring for M.B.A., M.A. and M.S. in Accountancy and will rise to 85 iBT. Please see department website for details.

79 Internet-based score (213 computer based, 550 paper-based score) (Master's or Advanced Certificates) or 100 Internet-based score (250 computer based, 600 paper-based score) (Doctoral).

Minimum IELTS score for graduate admission: 6.5 (Master's) or 7.5 (Doctoral).

Minimum Pearson PTE score for graduate admission: 58 (Master's only; not available for use for Doctoral admissions).

An academically-admissible international student who demonstrates an insufficient level of English language proficiency may be granted conditional admission if his/her TOEFL score is at least 56 (Internet-based, or equivalent IELTS or Pearson PTE). In this case, he/she must successfully complete the LIU Post Intensive English Program. Once his or her language ability reaches the required proficiency level, he/she will be offered full acceptance and will be eligible to enroll full-time in LIU Post academic courses.

Conditionally admitted graduate students may qualify for our ESL Transition Program, which enables students to take an academic class while studying ESL.

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## REGISTRATION

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Dates and deadlines will be announced before each registration period. Registration rules and regulations apply equally to all students. New graduate students should schedule an appointment with their graduate advisor to register for their first term. Students without any holds on their accounts are able to register via self-service (via the student portal – [my.liu.edu](http://my.liu.edu)) for all subsequent terms. Questions regarding the on-line registration process should be directed to the Student Center for Information at 516-299-3967. In addition, instructions can be found at [csi.liu.edu](http://csi.liu.edu). Registration requirements may vary in certain academic departments. Check registration procedures specific to the academic departments. During the fall and spring semesters, the Registrar's Office is conveniently open Monday-Thursday from 9 a.m. until 7 p.m. and Friday from 9 a.m. until 5 p.m. Further information is available by calling 516-299-2756. Closed and cancelled courses may be checked on the Office of the Registrar website or at [my.liu.edu](http://my.liu.edu).

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## Advisement

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Each student is assigned a graduate academic advisor who helps develop an appropriate Plan of Study, assists in course selection and schedules and approves registration. The student must meet with his or her academic counselor before registering for their first semester. Students are encouraged to confer with their academic advisor regularly to assure appropriate progress throughout their degree program. A graduate student is encouraged not to take more than two consecutive courses in a single day.

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## Course Load

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A full-time graduate student must register for at least 9 graduate credits each semester. Eligibility for some financial aid programs may require enrollment for a minimum of 12 credits. Further information is available from the Office of Financial Assistance at 516-299-2338. E-mail: [finaid@cwpost.liu.edu](mailto:finaid@cwpost.liu.edu).

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## Maintenance of Matriculation

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Unless granted an official leave of absence, graduate students must register for consecutive semesters (excluding summer sessions). Although students typically proceed toward their degrees by enrolling in classes, they may apply for "Maintenance of Matriculation" status provided that they are engaged in some sort of academic activity, such as working on a thesis. Students approved for Maintenance of Matriculation are entitled to avail themselves of Campus facilities and services (e.g., computer labs, library resources, health services). Maintenance of

Matriculation does not, however, extend the time limits specified under "Requirements for Degrees," and students should be aware that such status may affect their eligibility for financial aid.

Students must apply to an academic counselor for Maintenance of Matriculation prior to or during the registration period in a given semester. The fee is \$100 for master's degree students and \$250 for doctoral students engaged in dissertation research/writing. This matriculation status will be recorded on their transcripts as a "class" for zero credit. Maintenance of Matriculation is generally limited to two semesters. An extension beyond two semesters, due to extenuating circumstances, must be approved by the appropriate academic dean. Otherwise, students will have to apply for readmission to their academic program in accordance with procedures and policies stated elsewhere in this bulletin.

Maintenance of Matriculation is essential for international students, who must either attend classes or maintain matriculation through suitable academic activity in order to maintain their visa status. In addition, Maintenance of Matriculation status enables students to continue to purchase student health insurance through LIU.

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## Leave of Absence

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A student is expected to register for consecutive Fall-Spring semesters until degree requirements have been completed. Absence for one or more semesters will subject a student to degree requirements in effect at the time of his or her return to the program and requires a student to apply for readmission. In order to extend the time allocated to complete the requirements as specified in the Bulletin at the time when admitted, a student must apply in writing for a Leave of Absence to his or her dean.

If the Leave of Absence is approved, the Registrar's Office will be notified and it will be recorded on the student's transcript. The maximum length of a leave is one year. A student may not attend any other university while on leave. Returning to his or her studies after an approved Leave of Absence, a student requires no Admissions authorization and can register with his or her graduate adviser. A student whose Leave of Absence extends beyond a year must apply for readmission to the program through the Admissions Office. Requests for the extension of any leave must be filed with the dean.

International students should know that ICE (U.S. Immigration and Customs Enforcement) regulations will likely prohibit those who have been granted such a leave from maintaining their visa status.

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## Medical Leave of Absence

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A Medical Leave of Absence may be granted when serious medical and/or psychological circumstances prevent a student from adequately completing course work in a given semester.

A student who wishes to request a Medical Leave of Absence will need to obtain an application form from the Student Health and Counseling Center. The student must complete the form, attach adequate medical documentation and submit it to the Student Health and Counseling Center for evaluation.

A Medical Leave of Absence may be granted to any full- or part-time graduate student and is initially granted for one semester only. A request for a continuance may be granted for up to one year. The Director of Student Health and Counseling evaluates the request and forwards the decision to the Academic Standing Committee.

Recipients of federal, state and/or University assistance who are granted a Medical Leave of Absence may lose financial assistance for the semester they are withdrawn. Students must contact the Financial Assistance Office about possible consequences of this change in status. In addition, students should check with the Bursar regarding eligibility for a tuition adjustment.

All students are required to meet with and provide medical documentation to the Director of Student Health and Counseling prior to receiving approval to return.

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## Readmission

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If a student is out of attendance and has not maintained his or her Maintenance of Matriculation status (as described in the previous section) or has not been granted a Leave of Absence, he or she must apply for readmission. Students out of attendance for one semester but less than five years must complete a Request for Readmission Form. The form must be signed by the Chairperson or Faculty Advisor. The Chairperson or Faculty Advisor will then forward to the Graduate Admissions Office for processing. The Request for Readmission Form can be found at [www.liu.edu/Post/Admissions/Forms](http://www.liu.edu/Post/Admissions/Forms).

Students out of attendance for more than five years must submit a new Graduate Application and all supporting credentials required for admission. Students can find specific Graduate Program requirements at [www.liu.edu/Post/Academics/Programs/Graduate](http://www.liu.edu/Post/Academics/Programs/Graduate).

If readmission is approved, students return subject to the academic requirements posted in the Graduate Bulletin in effect at the time of readmission.

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## Program Changes

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A student may drop and/or add courses, transfer from one section of a course to another, or change a course to audit status (or vice versa) in one or more courses by either doing so in the student portal ([my.liu.edu](http://my.liu.edu)) or filing an official change of program card with the Registrar's Office. The deadline for all such program changes is specified in the academic calendar. After this time, these changes cannot be made.

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## Audit

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With the dean's permission, selected courses may be taken on an audit basis.

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## Withdrawal

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In order to withdraw from a course, a student must complete an official Drop/Add Withdrawal Form and submit it to the Registrar's Office prior to the withdrawal listed in the academic calendar. The withdrawal is noted on the student's transcript with a grade of (W). If the withdrawal deadline has passed, the student must obtain the appropriate instructor, chair person and dean's approval. A student, who stops attending classes without officially withdrawing will be given either of the grades UW (unofficial withdrawal– no penalty) or WF (unofficial withdrawal with failure).

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## Class Size

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Every effort is made to provide an optimal learning environment by limiting the number of students in each course section. The LIU Post graduate class size average is 15 students.

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## Payment of Tuition and Fees

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Each semester the University mails a bill for charges to the billing address of students who register. Bills are also available online on the students My LIU page ([my.liu.edu](http://my.liu.edu)). Students are responsible for making payment or approved payment arrangements by the first day of classes. Students who have decided not to attend should contact the Office of Academic Counseling to officially withdraw. Any balance not paid by the due date is subject to late payment fees. For further information, contact the Bursar's Office at 516-299-2323 or e-mail: [bursar@cwpost.liu.edu](mailto:bursar@cwpost.liu.edu) or visit the Bursar website. No registration may be considered completed without payment or an arrangement acceptable to the Bursar. Students who have outstanding indebtedness to LIU Post are not eligible to register, receive transcripts of their records, have academic credits certified, be granted a leave of absence, or receive a diploma.

## ACADEMIC POLICY

Refer to specific department listings for degree requirements.

### Grading

Credit is granted for courses completed with the grade of (A), (A-), (B+), (B), (B-), (C+), (C) or (P). A grade of (P) signifies pass and a grade of (SP) signifies satisfactory progress for dissertation supervision. The grade of (F) signifies failure, and a grade of (W) indicates a student-initiated withdrawal from a course that occurred some time after the add/drop period through the final day to select the pass/fail option. A grade of (UW) indicates an unauthorized withdrawal. A grade of (WF) indicates an unauthorized withdrawal with record of failure.

A grade of (INC) is assigned at the discretion of the professor and indicates that some of the course requirements have not been completed. A student has until the end of the following semester to make up incomplete coursework. When, due to extenuating circumstances, a student needs additional time to complete the course, he or she must submit a written request to the appropriate faculty member, chairperson and dean for an extension. After completion of an incomplete (INC) course, a grade of (I) is retained on the transcript along with the final earned grade and the date.

### Quality-Point Index

A credit is defined as 50 minutes of classroom work per week, completed on one 15-week semester, or its equivalent, plus appropriate out-of-class assignments and readings. As of Fall 2012, quality points are computed by multiplying the number of credits in a course by: 4.000 for grade A, 3.667 for grade A-, 3.333 for grade B+, 3.000 for grade B, 2.667 for grade B-, 2.333 for grade C+, 2.000 for grade C.

For courses in which the grade of F or WF has been earned, no quality points are assigned. To determine the quality points for a specific course, multiple the corresponding quality points (see above) for the grade received in the course by the number of credits awarded for the course. To determine the total quality points, add all quality points for all courses. To compute the grade point average (G.P.A.), divide the total quality points by the total number of credits, including those of failed courses. The grades W, UW and P are not counted in the G.P.A. computation nor are the grades for courses taken at another college or university.

G.P.A. computations are carried to the third decimal place from which rounding takes place to the second decimal place. For example, a computed G.P.A. of 2.994 will be rounded down to 2.990. A computed G.P.A. of 2.995 will be rounded up to 3.000. On all official LIU transcripts, a G.P.A. will be displayed to three

decimal places with the third decimal place always being zero due to rounding.

For example:

In a semester, a student earns an A- in a 4-credit Biology course ( $3.667 \times 4 = 14.668$ ), a B- in a 3-credit Biology course ( $2.667 \times 3 = 8.001$ ) and a B in another 3-credit Biology course ( $3.000 \times 3 = 9.000$ ).

The student has earned 31.669 total quality points based on 10 total credits. Dividing 31.669 by 10 yields a cumulative G.P.A. for this semester of 3.167 before rounding. Based on the rounding policy, the cumulative G.P.A. for this semester will be reported on the student's official LIU transcript as 3.170.

### Unsatisfactory Grades

A student's cumulative grade point average in his or her approved program of study may be no less than 3.00. Any student who receives grades below (B) in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below (B) may lose his or her matriculated status or may be dismissed from the graduate program. Academic standards vary and may be more stringent in select departments. Complete information is found in the specific department listings.

### Attendance

A student is expected to attend all class sessions scheduled for the courses in which they are enrolled. The instructor establishes the attendance policy for each respective course. Absences from classes or laboratories may affect the final grade. Permission to make up work missed through absence is not automatic and is given at the discretion of the instructor. The University reserves the right to exclude a student from an examination, courses or program if his or her class attendance record is unsatisfactory. Excessive rates of unexcused absences may result in grades of (F) or (UW) for the course(s) in question.

### Absence from Final Examination

A student who is absent from a final examination must:

1. Notify his or her professor or department chairperson within 24 hours and provide a reason for the absence
2. Request the professor's permission to take a deferred final examination

A deferred final examination is a privilege that may be granted only to a student who complies with the notification regulations outlined above, whose work during the semester is satisfactory and whose reason for missing the scheduled examination is an authorized excuse.

## Academic Conduct

### Student Conduct

Discipline in the classroom is the responsibility of the faculty member in charge of the class. Misbehavior that interferes with the educational efficiency of a class is considered sufficient cause for suspension of a student from class. A student who is suspended from class for disciplinary reasons must first attempt to resolve the problem with the faculty member. If this is not possible, the problem will be referred to the Department Chairperson and if not resolved at that level, then the Academic Dean. A record of the disposition of the case will be forwarded to and maintained by the Director of Student Conduct and Community Education.

In instances where a faculty member or an academic department requires Department of Public Safety assistance, the faculty member or academic department will report the incident to the Department of Public Safety so that a report can be generated. A faculty member, Chair or Dean also has the right to make a formal grievance against a student by filing a written statement with the Office of Student Affairs. The information will then be reviewed by the Director of Student Conduct and Community Education to determine whether or not any violations of the Ethos Statement and Code of Conduct were committed. When applicable, the student will then proceed through the established Student Conduct adjudication process. In addition, the appropriate Dean will also be notified of the incident. Final determination as to whether or not the student will be permitted to continue as a member of the class, department or school would be the decision of the Dean or their designee. For additional information outlining the Student Conduct disciplinary process, please refer to the Student Handbook. The handbook, which is updated annually, is also available on the LIU Post Web site.

### Academic Irregularities

In cases of academic irregularities or dishonesty in examinations or class work, responsibility for disciplinary action is governed by the faculty policy contained in the Academic Conduct Policy.

Please see our website at [www.liu.edu/cwpost/academicconduct](http://www.liu.edu/cwpost/academicconduct). Plagiarism and cheating are not only serious violations of the rules, but also may reflect adversely on the student's reputation as well as on the reputation of the Campus. Faculty, administrators and the student body share responsibility for academic integrity. A student in violation of accepted academic procedures may be subject to disciplinary action, up to and including expulsion from the Campus. Faculty members will report to the Academic Dean any case of irregular or dishonest behavior that occurs in the class or in his or her observation. Students may likewise make such a report to the faculty member or dean. The

Academic Dean will decide what disposition is to be made of the charges. Requests for appeals may be made to the Student/Faculty Appeals Board.

In the case of a minor infraction that is the student's first disciplinary offense, the Dean may authorize the faculty member to dispose of the charges, limiting the maximum penalty to failure in the course. The faculty member will make a report of the incident and the action taken to the dean and the Judicial Affairs Coordinator.

In the case of a major infraction, or in the case of repeat academic offenses, the student may be subject to suspension or expulsion from the Campus. If current non-academic disciplinary action is pending for a student, further disciplinary action may result, up to and including expulsion from the Campus.

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## Course Numbers and Course Frequency

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Courses numbered 600 and above are generally open only to those who qualify for graduate standing. Courses numbered 500 to 599 are designed primarily for those who qualify for graduate standing, but may be taken by advanced undergraduate students.

The frequency with which Fall and Spring courses are offered is indicated after every department course description. A complete listing of courses is available at [www.liu.edu/cwpost/schedules](http://www.liu.edu/cwpost/schedules). Evening, Summer and Weekend course frequency is not indicated. Information on course offerings during these sessions is available by contacting the appropriate academic department or by calling Summer, Evening, Winter and Weekend Office at 516-299-2431.

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## Transfer Credits

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Courses taken at another university after admission to a master's program at LIU Post may not be used for transfer credit unless prior written permission is obtained from the major department.

Previous graduate credits earned at other institutions may be credited to a student's graduate degree. A request to transfer credits must be made to the appropriate academic program chairperson with the submission of official transcripts of all previous graduate work. Transfer credit is normally limited to six semester credit hours with an earned grade of (B) or better.

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## Change of Major

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In order to change majors and transfer from one academic department to another, a graduate student's application for admission must be formally accepted by the new department chairperson. Before leaving the academic department, the graduate student is expected to notify the department chairperson. If the student

has a quality-point average of less than 3.00, the appropriate dean must approve the proposed change. Application forms are available in the Graduate Admissions Office or with the department graduate advisors.

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## Time Limit

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Degree requirements for a master's degree must be completed within five years from the term for which the candidate is admitted and enrolled (exclusive of time spent in military service). All requests for an extension must be in writing and submitted to the appropriate dean for approval.

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## Oral Qualifying or Comprehensive Examination

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Some departments require a student to take examinations in his or her major field. These examinations include:

### Qualifying Examination

This examination is given in academic departments that require a common core of courses. Degree candidacy status and an assignment of a thesis project are deferred until the examination is successfully completed.

### Comprehensive Examination

Some academic departments give a comprehensive examination after students complete a minimum of 24 semester credit hours. This examination is designed to test the candidate's knowledge of both general concepts and his or her area of concentration. The examination may be oral or written.

Oral Examination (and defense of thesis): Academic departments that require a degree candidate to write a thesis may require the candidate to defend his or her thesis through an oral examination. The examination is designed to test the candidate not only on the thesis project but also on ancillary areas.

Students must be fully matriculated and must have completed the minimum number of semester credit hours (set by the department) to be admitted to these examinations.

Students must register and attend LIU Post classes or maintain matriculation during the semester he or she applies to take the examination.

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## Graduation and Diplomas

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A graduation candidate is required to file a degree application to the Registrar's Office well in advance of Commencement. Deadline date can be found in the Academic Calendar available on the LIU Post Registrar website at [www.liu.edu/post/registrar](http://www.liu.edu/post/registrar). A student who meets all requirements for his or her degree in September or January is considered for the following May's graduating class. Degrees are conferred by the faculty of LIU. Diplomas are dated three times a year: September, January and May. Students who

file their degree applications after the specified graduation filling date will have their degrees awarded at the next conferral regardless of the date of completion of requirements.

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## Transcript Requests

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Official transcripts for professional and graduate schools, prospective employers and other institutions must be requested in writing. Please note: if you owe the University any funds or have blocks on your account, your request cannot be processed. The University adheres to the Family Education Rights and Privacy Act of 1974. A student's record will not be released without prior written consent from the student. Enrolled students may use the secure student portal (My LIU) (<https://my.liu.edu>) to check their financial and academic status. Students have the four following options to secure transcripts, which cost \$7 each.

### Option 1:

**Currently Enrolled Students** - Login to the My LIU portal and select "Order Transcripts Online."

### Option 2:

**Alumni or Students Not Currently Enrolled** - Order transcripts online (Credentials, Inc.) through TranscriptsPlus. You can submit a transcript request 24 hours/day, 7 days/week. Be assured that TranscriptsPlus uses current web encryption technology and your information is secure.

### Option 3:

**Customer Service Telephone Requests** - By calling the toll free Customer Service number at 1-800-646-1858, you can request a transcript over the phone. An additional \$10 processing fee will be added to your order. (\$17 total per transcript order.)

### Option 4:

**In-Person** - You may come to the campus Record's Office, show picture ID, and up to two (2) official transcripts can be printed for you on the spot. Please call 516-299-2756 for office hours. If you wish to pick up more than two (2) transcripts, contact Mike Litroff at 516-299-2901 to make arrangements.

*If you wish to release your transcripts to a third party for pick up, you must provide signature authorization for that request.*

Essential information to be furnished should include:

- Full name, address, social security number, dates of attendance
- Name while enrolled, if different from (a).
- Complete name and address (written clearly) of recipient including institution, department name, address, city, state and zip code.

Many transcripts do not reach their proper destination in time because incomplete and inaccurate information is included in the original request.

Except during peak periods at the conclusion of each semester, requests are usually processed within two business days. If the transcript is to be held for completion of any courses in progress, processing will occur within 10 days after the Records Office receives grades for posting.

For more information, visit the LIU Post Registrar's website at [www.liu.edu/post/registrar](http://www.liu.edu/post/registrar).

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### **Additional Academic Policies**

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Respective academic departments may have additional academic policies. Exceptions to academic policy provisions may be made only with written permission from the appropriate dean.



## ACADEMIC HONOR SOCIETIES

**Beta Alpha Psi** is an honorary organization for financial information students and professionals.

**Purpose:** 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.

**Eligibility:** Membership in Beta Alpha Psi includes persons of good moral character who have achieved scholastic and professional excellence in the fields of accounting, finance, or information systems. Members are required to complete 32 hours of community service and professional activities annually and must maintain a 3.0 cumulative G.P.A. For further information, call 516-299-3272.

### Beta Gamma Sigma

**Purpose:** The Mission of the International Honor Society Beta Gamma Sigma is to encourage and honor academic achievement in the study of business, to foster personal and professional excellence, to advance the values of the Society, and to serve its lifelong members. Membership in Beta Gamma Sigma is the highest recognition a business student anywhere in the world can receive in a business program accredited by AACSB International.

**Eligibility:** Students must be enrolled in a program accredited by AACSB International to be eligible for membership in Beta Gamma Sigma. Candidates for baccalaureate degrees in their junior or senior year whose academic rank is in the upper 10 percent of their class may be inducted. Students in the master of business administration who are in their last year of graduate study and ranked among the top 20% of their peers are eligible for induction. For further information, call 516-299-3017.

### Beta Kappa Chi – Natural Sciences and Mathematics

**Purpose:** The purpose of Beta Kappa Chi is to stimulate and encourage undergraduate and graduate education in the natural sciences and mathematics, to inspire and support the continued pursuit of knowledge and achievement, and the capture of scientific truths during the entire career of each member.

#### Eligibility:

- Undergraduate students are eligible for membership if they rank in the upper fifth of their class and have completed at least 64 hours

of college work, 17 semester hours of which shall be in one of the sciences recognized by Beta Kappa Chi with a grade point average of at least B in the science area and a general college average of at least B.

- Graduate students are eligible if they have completed at least 15 semester hours in one of the sciences recognized by the Society with a grade point average of A in at least one third of the hours and at least B in the remaining two thirds semester hours. For further information, call 516-299-2233.

### Phi Alpha: XI Beta Chapter Graduate Social Work

Phi Alpha is a national honor society recognizing the outstanding academic achievements, and dedication to the idea of service to humanity. Students must also demonstrate a commitment to the standards, ethics, and goals of the social work profession. Graduate students who are active in the Masters of Social Work Graduate Student Association (MSWGSA) and achieve an overall G.P.A. of 3.5 are eligible for induction during their last year of graduate education. For further information, call 516-299-3919.

### Phi Alpha Theta – History

**Purpose:** This honor society was established to celebrate academic excellence in the study of history and to encourage open debate and inquiry about the human past. Membership includes a subscription to the academic journal "The Historian" and an invitation to participate in local gatherings as well as regional and national conventions.

**Eligibility:** Undergraduate students need not be history majors, but must complete 12 credits in history at LIU Post, with a G.P.A. above 3.0 in history courses and an overall G.P.A. at LIU Post of at least 3.0. Graduate students must complete 12 credits in history at LIU Post, with a G.P.A. of at least 3.5 and no grades below a B. For more information, call 516-299-2407.

### Phi Sigma Iota-Foreign Languages

**Purpose:** Phi Sigma Iota is an international honor society and recognizes outstanding ability and achievement of students and faculty in foreign languages, literatures and cultures. It is the highest academic honor in the field of foreign languages. Phi Sigma Iota has initiated over 50,000 members since its inception in 1917.

**Eligibility:** Student membership is open to undergraduate and graduate students who are majoring or minoring in a foreign language or who are studying at an advanced level. Undergraduate students must have a minimum of junior standing; have one or more upper level language courses, a 3.0 G.P.A. in all language courses as well as an overall 3.0 G.P.A., and faculty recommendation and approval. Graduate students must have a 3.5 G.P.A. and faculty recommendation and approval.

Faculty memberships for qualified personnel are offered. For further information, call 516-299-2385.

### Pi Alpha Alpha – Public Administration

**Purpose:** Pi Alpha Alpha is the National Honorary Society for Public Administration and Public Affairs. Its purpose is to promote excellence in the study and practice of public affairs and administration.

**Eligibility:** Accelerated undergraduate students and graduate students who have completed 50 percent of their coursework and who have attained a cumulative 3.7 G.P.A. are eligible for induction into the honor society. For further information, call 516-299-2716.

### Pi Gamma Mu – Social Sciences

**Purpose:** The purpose of Pi Gamma Mu is to improve scholarship in the social sciences and to achieve synthesis therein; to inspire social service to humanity by an intelligent approach to the solution of social problems; to engender sympathy toward others with different opinions and institutions by a better mutual understanding; and to supplement and to support, but not to supplant, existing social science organizations by promoting sociability and attendance at meetings.

**Eligibility:** Any person of good moral character who is, or was, an officer, member of the teaching staff, alumnus, graduate student, Senior or Junior in college, university, or other institution of higher learning, where there is a chapter of Pi Gamma Mu, may be elected to membership by a majority vote of the chapter under the supervision of chapter faculty members or by a committee of chapter faculty members. Such a person must have had at least 20 semester hours of social science with an average grade therein of not less than B or 85 percent, and has further distinguished himself or herself in the social sciences. Only students in the upper 35 percent of their class may be admitted to the Society. For further information, call 516-299-2233.

### Pi Sigma Alpha – Political Science

**Purpose:** Pi Sigma Alpha is the National Honor Society for Political Science. Its purpose is to stimulate productive scholarship and intelligent interest in the subject of government among men and women students at institutions of higher learning in which chapters are maintained.

**Eligibility:** Juniors, Seniors and graduate students meeting the following criteria are eligible for induction: 1) a minimum cumulative average of 3.5; 2) completion of at least 15 credits of political science coursework; 3) a minimum average of 3.75 in political science; and 4) successful review by departmental faculty. For further information, call 516-299-2407.

## **Psi Chi – Psychology**

**Purpose:** To advance the science of psychology; and to encourage, stimulate and maintain scholarship of the individual members in all fields.

**Eligibility:** For active student membership, the student must be enrolled in an accredited college or university, and must have completed 12 quarter (eight semesters) hours of psychology, or nine quarter (six semester) hours and registered for at least three quarter (two semester) hours of psychology in addition, or equivalent credits in psychology. He or she must be registered for major or minor standing in psychology, or for a program in psychology, which is equivalent to such standing. Undergraduate students must rank not lower than the highest 35 percent of their class in general scholarship; graduate students must have an average grade of B in all graduate courses. All must have the vote of three-fourths of those present at a regular meeting of the chapter. For further information, call 516-299-2377.

## **Sigma Delta Pi – Spanish**

**Purpose:** To honor those who seek and attain excellence in the study of the literature and the culture of the Spanish speaking people; to honor those who strive to make the Hispanic contributions to modern culture better known to the English-speaking peoples and to encourage college and university students to acquire a greater understanding of Hispanic culture.

**Eligibility:** Student membership, undergraduate and graduate, is based on scholastic attainment, character, and genuine interest in Hispanic culture. Distinguished, honorary, and associate memberships are granted nonstudents under conditions specified in the Constitution, and membership in LosOptimates and in the Orders of DonQuixote and Los Descubridores recognizes exceptional and meritorious service in the fields of Hispanic scholarship, the teaching of Spanish, and the promotion of relations among English-speaking countries and those of Hispanic speech. For further information, call 516-299-2385.

## **Sigma Tau Delta – English**

**Purpose:** To confer distinction for high achievement in undergraduate and graduate studies in English language and literature, to provide cultural stimulation on Campus, to stimulate community interest in English, to foster high citizenship and responsibility, and to encourage creative and critical writing.

**Eligibility:** Candidates for undergraduate membership must have completed at least three semesters of college work and a minimum of two college courses in English language or literature beyond the usual requirements in freshman English. They must also have a minimum of a B grade point average in English and rank in the highest 35 percent of their class in general scholarship. Candidates for graduate membership must be enrolled in a graduate program in English

(including English for Adolescence or Middle Childhood Education), have completed six semester hours of graduate work in English with a minimum grade point average of 3.3 in these courses.

## GRADUATE TUITION AND FEES

### (2012-2013 RATES)

The tuition, and fees, residence life, health insurance and other miscellaneous fee schedules listed below are at the prevailing rates for the 2012-2013 academic year. The University reserves the right to change the fees herein stated at any time without notice.

Students are billed for tuition and fees at the time of registration. Room and board charges are reflected at the time of room assignment. **Students must make satisfactory payment arrangements prior to the start of each term or before moving into residence halls to remain in good financial standing.**

The University accepts payment by check, money order, AMEX, VISA, Discover, or MasterCard at the Office of Integrated Student Financial Services or online through your My LIU account.

### General Tuition and Fees

Graduate Tuition, per credit, per semester	\$1,068.00
Dietetic Internship, certificate, per credit	1088.00
Speech Language Pathology, MA, per credit	1088.00
Doctoral Tuition, flat rate, per semester:	
Clinical Psychology, Psy.D., 12 or more credits (year 1-3)	22,222.00
Doctoral Tuition, per credit, per semester:	
Clinical Psychology, Psy.D. (year 4)	1,421.00
Information Studies, Ph.D.	1,421.00
Interdisciplinary Educational Studies, Ed.D.	1,421.00
Tuition Deposit fee (nonrefundable)	100.00 - 500.00
Application fee (nonrefundable)	40.00
Orientation fee (entering, transfer and international students only)	135.00
University fee, per semester:	
Students carrying 12 or more credits	720.00
Students carrying 11.9 credits or less	360.00
Student activity fee, per semester:	
Students carrying 12 or more credits	110.00
Students carrying 4.1 to 11.9 credits	85.00
Students carrying 4 credits or less	No Fee
Audit fee (half tuition and full fees), per credit	534.00
Winter Session, per credit	712.00

Weekend College, additional immediate family members, per credit	712.00
Special Programs, per credit	712.00
Senior Adult Program, per credit	534.00
(The Senior Adult Program rate does not apply to institutes, workshops, Doctoral, Continuing Education, Online or any discounted courses/programs.)	
Senior Adult Audit Fee, per credit	267.00
(The Senior Adult Audit fee rate does not apply to institutes, workshops, Doctoral, Continuing Education, Online or any discounted courses/programs.)	
Maintenance of Matriculation fee, per term	100.00
Course fees, per semester:	
MUS 545A, 545B, 557A, 557B, 557C, 557D, 679A, 679B, 710A, 711A, 750A, 750B, 751A, 751B, 752A, 752B, 753A, 753B, 753C, 753D, 754A, 754B, 754C, 754D, 760A, 760B, 760C, 760D, 761A, 761B, 762A, 762B, 762C, 762D, 763A, 763B, 764A, 764B, 764C, 764D, 765A, 765B, 770A, 770B, 770C, 770D, 771A, 771B, 772A, 772B, 772C, 772D, 773A, 773B, 774A, 774B, 780A, 780B, 780C, 780D, 783A, 783B, 783C, 783D, 784A, 784B, 785A, 785B, 788A, 788B	385.00
NUR 600P, 700P	1,068.00
PSY 841	208.00
PSY 842	2842.00

### Residence Life

#### RESIDENCE HALLS

Deposit (submitted with housing application)	\$ 300.00
Fall and Spring Accommodations, per term:	
Medical Single	4,260.00
Double Occupancy	3,840.00
Triple Occupancy, Large	3,670.00
Triple Occupancy, Temporary	3,840.00
Quadruple Occupancy	3,840.00
Suite Style	3,900.00
Intersession, per week	260.00
Summer Accommodations, per session:	
Single Occupancy	1,920.00
Double Occupancy	1,420.00
Triple Occupancy	1,190.00
Quadruple Occupancy	1,160.00

Summer Accommodations, per week:	
Single Occupancy	384.00
Double Occupancy	284.00
Triple Occupancy	238.00
Quadruple Occupancy	232.00
MEAL PLANS, per semester:	
Flex 1 (carte blanche meals plus \$125 dining dollars)	2,280.00
Flex 2 (14 meals per week plus \$300 dining dollars)	2,060.00
Flex 3 (10 meals per week plus \$375 dining dollars)	1,880.00
Flex 4 (7 meals per week plus \$275 dining dollars)	1,630.00

Meal plans are required for all resident students occupying a Residence Hall room. Regular meals are provided at the Winnick Residential restaurant. Dining dollars can be used at point of sale locations across the campus.

### Other Fees

Transcript of record (on-line, in person, or via mail), per request	\$7.00
Replacement I.D. card	10.00
Late graduation application fee	50.00
Reinstatement of cancelled registration	100.00*
Delayed registration fee	200.00*
Late payment fees:	
First (assessed 45 days into the term)	50.00*
Second (assessed on the last day of the term)	100.00*
Deferred final examination fee per examination	
(maximum \$60.00)	20.00
General Comprehensive Examination fee	25.00
Graduate record examination, per test	10.00
Thesis binding fee:	
Graduate	20.00
Doctoral (including micro filming)	60.00
Returned check fee	25.00
University Payment Plan fee	35.00
Diploma Replacement fee	35.00

Repayment of returned checks and all future payments to the University from a student who has presented a bad check must be tendered via bank check, certified check, money order, AMEX, VISA, Discover or MasterCard.

\*Students are expected to clear their bills before the start of classes. In the event that a student fails to do so, late payment fees will be assessed. Registered students who have not cleared their bill by the 45th day into the term will be obliged to pay a late payment fee of \$50.00. Bills not cleared by the last day of the term will be assessed an additional late fee of \$100.00. If a student's registration is canceled, the student will be required to pay a reinstatement fee of \$100.00 plus the late payment fees. If the reinstatement takes place one year or more after the semester has ended, current tuition rates will be charged. Any student who deliberately fails to register but attends classes with the intention of registering late in the term will be responsible for paying the delayed registration fee of \$200.00. If the registration takes place one year or more after the semester has ended, current tuition rates will be charged.

### Student Health Insurance

Health Insurance:

Rates for the Annual Plan	\$986.00
Rates for the Spring Semester (newly enrolled students), covers the policy period 1/1/13 - 5/15/13	638.00
Rates for the Summer Semester, covers the policy period 5/1/13 - 8/15/13	295.00

Health insurance (Compulsory for domestic resident students, all international students, intercollegiate athletes, and students assigned field work in a health core curriculum). Charges are billed for an annual plan in the Fall semester, covering the policy period 8/15/12 - 8/15/13. Charges are not reduced if a student does not reside in the Residence Hall for the Spring semester, or is no longer in a health core curriculum, since coverage continues to be effective over the full policy period.

### Withdrawal Policy

If you register for courses and decide not to attend, you must officially withdraw your registration prior to the end of the first week of classes to avoid liability. You can withdraw online using your My LIU account through the first week of the term. After the first week of classes, you must complete an **Application for Withdrawal Form** and receive official approval from the Office of the Registrar on your campus. **Non-attendance and/or non-payment do not constitute official withdrawal from the University.**

When a student withdraws, the University will refund tuition and fees as indicated in the following schedule.

### LIU Institutional Refund Schedule

Time of Withdrawal	Fall/Spring terms
Cancellation prior to beginning of term or session	Complete refund except for deposit.
During 1st calendar week	100%
During 2nd calendar week	75%
During 3rd calendar week	50%
During 4th calendar week	25%
After 4th week	No refund

<b>Time of Withdrawal</b>	<b>3-Week terms</b>
Cancellation prior to beginning of session	Complete refund except for deposit.
Day 1 of Term	100%
Day 2 thru 8 of Term	60%
After Day 8 of the Term	No refund

<b>Time of Withdrawal</b>	<b>4-, 5- or 6-Week terms</b>
Cancellation prior to beginning of semester or session	Complete refund except for deposit.
Day 1 thru 2 of Term	100%
Day 3 thru 9 of Term	60%
Day 10 thru 16 of Term	25%
After day 16 of the Term	No refund

<b>Time of Withdrawal</b>	<b>7- or 8-Week terms</b>
Cancellation prior to beginning of session	Complete refund except for deposit.
Day 1 thru 2 of Term	100%
Day 3 thru 9 of Term	70%
Day 10 thru 16 of Term	30%
After day 16 of the Term	No refund

<b>Time of Withdrawal</b>	<b>10- or 12-Week terms</b>
Cancellation prior to beginning of session	Complete refund except for deposit.
Day 1 thru 2 of Term	100%
Day 3 thru 9 of Term	80%
Day 10 thru 16 of Term	60%
Day 17 thru 23 of Term	25%
After day 23 of the Term	No refund

<b>Time of Withdrawal</b>	<b>Weekend College</b>
Cancellation prior to beginning of term	Complete refund except for deposit.
Day 1 thru 2 of Term	100%
Day 3 thru 9 of Term	70%
Day 10 thru 16 of Term	30%
After Day 16 of the Term	No refund

<b>Time of Withdrawal</b>	<b>Short-Term Institutes (3 weeks or less)</b>
Cancellation prior to beginning of first class	Complete refund except for deposit.
Day 1 of Term	100%

Day 2 of Term	80%
After Day 2 of the Term	No refund

<b>Time of Withdrawal</b>	<b>Continuing Studies</b>
Cancellation prior to beginning of first class	Complete refund except for deposit.
Prior to start of second class	80%
After second class session	No refund

The University will make all feasible efforts to conduct suitable academic services in the event of an unanticipated interruption. If the University is unable to provide education services to the Campus students because of a natural catastrophe, employee strike, or other conditions beyond its control, tuition and fees will be refunded in accordance with a reasonable refund schedule to be determined at that time.

### Financial Obligations

Students are liable for all charges incurred at the time of registration or room assignment. Your My LIU account makes it easier than ever to manage your financial obligations. To view your current account balance, simply log into your My LIU account online at <https://my.liu.edu> and click on the **Account Inquiry** link in the **Finances** section of your **Student Center** homepage. Students must make acceptable payment arrangements or officially withdraw prior to the start of classes to remain in good financial standing. Acceptable payment arrangements include:

- Payment in full;
- Approved financial aid covering all charges;
- Signed and approved University Payment Plan Agreement Form; or
- Participation in an approved third-party payment agreement.

A student who complies with any of the above shall be considered in good financial standing, so long as all terms and conditions are met throughout the term. All payment arrangements must be completely satisfied in accordance with your University authorized payment agreement or fees and/or penalties may be applied. If your account becomes seriously past due and no arrangements are made, the University will refer it to an external collection agency or law firm, where additional fees and penalties may be charged to your account. The University's policies and procedures governing Student Financial Services can be found online at: [www.liu.edu/About/Administration/University-Departments/SFO/Policies](http://www.liu.edu/About/Administration/University-Departments/SFO/Policies).

### Payment Arrangements

LIU offers convenient options to pay your account balance due. We offer many different payment methods, including check, all credit and debit cards, ACH, money order, and wire transfer.

**My LIU:** You can use your My LIU account to securely pay your balance online at [my.liu.edu](http://my.liu.edu) using a check, credit or debit card by clicking on the **Make a Payment** link from your **Student Center** homepage or from within the **Account Inquiry** section. To log into the Payment Gateway, enter your My LIU user name and password. From here, you may also set up an authorized user account so that a relative, guardian, or employer can pay any outstanding balance on your behalf. If you need assistance with making a payment online, please visit the **Center for Student Information** website at <http://csi.liu.edu>.

**Payment by Mail:** If paying with a check or money order by mail, please date the payment appropriately and make it payable to **Long Island University**. Any payment not honored by the bank is subject to a \$25 returned item fee and may restrict your future payment options to certified check, money order, or credit card. You may also receive an additional charge from your financial institution. The University is not responsible for fees assessed by

your bank.

**Third Party Payments:** The University will temporarily clear student account balances if presented with written authorization from a third party or sponsoring company that intends to make payment on your behalf. Students must submit official written authorization and complete a Deferred Payment Plan Agreement Form, along with payment for any remaining balance due. Additional information on third party payments can be found online at [www.liu.edu](http://www.liu.edu).

## Payment Plans

The University offers two basic types of interest-free payment plans to assist students with managing the cost of their education each term:

- **Monthly Plans** are offered to students who make payment arrangements before the start of the term. *Monthly Plans provide the most affordable payment options to our students and immediately place you in good financial standing.* The balance is spread across 4-6 equal monthly installments with at least two payments due prior to the start of the term.
- **Term Plans** are offered to students who need to make payment arrangements at or after the start of the term. *Term Plans should only be used as a last resort because the number of installments is limited to 2-3 monthly payments.* In addition, your total balance due must be covered by an appropriate combination of approved aid, applied aid, and/or an initial student payment.

The University must approve your signed Payment Plan Agreement Form and receive your first initial payment for your account to remain in good financial standing. There is a \$35.00 enrollment fee per term that is due with your first payment.

## FINANCIAL AID

Financial Assistance is awarded on an annual basis in the form of scholarships, grants, loans and part-time employment. Assistance is offered to students admitted into eligible graduate degree programs.

### Application Process

All students are required to complete the Free Application for Federal Student Aid (FAFSA) no later than March 1. The FAFSA must be completed online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). The federal school code for LIU Post is **002751**. Continuing students at LIU Post must reapply for financial assistance each year. Late FAFSA receipt may result in the cancellation of awards.

### Awards

#### Federal Loan Programs

The federal government awards financial assistance to students who demonstrate financial need according to a variety of economic criteria as determined by the United States Department of Education. The criteria include income and assets, family's household size, and the number of family members attending college. Benefits from all federal programs are subject to legislative changes. Recipients of federal programs must be U.S. citizens or permanent residents. A detailed listing of Federal programs can be found online at: [www.liu.edu/Post/Financial-Assistance/Programs/Federal](http://www.liu.edu/Post/Financial-Assistance/Programs/Federal).

#### LIU Post Scholarships and Awards

LIU Post awards more than \$47 million annually in University scholarship assistance to students. These scholarships and grants, which do not require repayment, are based on academic success, athletic ability, community service, artistic talent, and financial need. The campus also offers departmental scholarships for specific programs of study. A detailed listing of graduate scholarships can be found online at: [www.liu.edu/Post/Financial-Assistance/Programs/CWP/Grad](http://www.liu.edu/Post/Financial-Assistance/Programs/CWP/Grad).

#### State Programs

The New York State Higher Education Services Corporation (HESC) offers a variety of grants, scholarships, student loans and parent loans for part-time and full-time graduate study. Although students apply for financial aid directly to HESC, the funds are taken into account when developing the LIU Post financial aid package. You must be a U.S. citizen and resident of the State of New York to be eligible for HESC awards. Residents of New York State must also apply through the Higher Education Service Corporation at [www.hesc.com](http://www.hesc.com) using LIU Post's school code **5403**. Students who

reside outside of New York State may be eligible for grants, scholarships and loans from their home state. Contact the Federal student aid agency at 1-800-433-3243 or [www.federalstudentaid.ed.gov](http://www.federalstudentaid.ed.gov) for more information. A detailed listing of New York State awards can be found online at: [www.liu.edu/Post/Financial-Assistance/Programs/NYS](http://www.liu.edu/Post/Financial-Assistance/Programs/NYS).

#### Veteran Benefits

Veteran benefits provide an easier path to a college degree and LIU Post joins our nation in repaying students for their military service. With the Post-9/11 GI Bill, education-related benefits, including funds for tuition, housing, books and supplies, are better than ever for our veterans. In addition, financial aid, scholarships and New York State tuition awards and grants may also be available to help you with costs that are not covered by your veteran benefits. Additional information can be found online at: [www.liu.edu/Post/StudentLife/Services/Veterans/Vet-Benefits](http://www.liu.edu/Post/StudentLife/Services/Veterans/Vet-Benefits).

### Terms and Conditions

Awards are not finalized until all requested supporting documentation has been properly submitted and reviewed. All awards are subject to funding levels and appropriations by Federal and State agencies. Many aid programs require that you be matriculated and attend LIU Post on at least a half-time basis. LIU Post reserves the right to adjust or cancel offers of financial assistance if you make changes to your FAFSA, adjust your registration status, withdraw from one or more courses, or fail to maintain good academic standing for financial aid purposes. LIU Post also reserves the right to change the selection criteria, deadlines, and awarding process of academic awards.

Awards, grants, and scholarships listed are for graduate study only and do not apply to undergraduate study. Students enrolled in accelerated and dual degree programs are advised to contact the Undergraduate Admissions office to obtain information on aid for the undergraduate portion of their degree.

All awards from LIU Post are accompanied by a letter of stipulation detailing the terms of the award. Students are governed by the stipulations accompanying their specific awards. Part-time status, for the purpose of scholarship and grant renewal, is defined as carrying and earning a minimum of 6 credits per semester.

Unless otherwise indicated, University assistance is for tuition charges only. Students are advised to inform LIU Post of any aid received from outside sources, and awards from LIU Post may be adjusted if such additional assistance is in excess of estimated need.

## Standards for Satisfactory

### Academic Progress

#### Federal Financial Aid Programs

Federal regulations require students to make satisfactory academic progress (SAP) toward the completion of a degree or Title IV eligible advanced certificate program in order to receive Title IV financial aid through the Federal Direct Loan Program. Satisfactory academic progress is measured qualitatively and quantitatively by two components: a student's cumulative grade point average (G.P.A.) and the amount of credits they have earned relative to their year in school and enrollment status.

Satisfactory academic progress is measured annually, at the end of the Spring semester, after all grades have been submitted. Students failing to meet the criteria stated below are eligible to appeal this decision if extenuating circumstances played a factor in their academic performance. Examples of such circumstances could include an illness, accident, separation or divorce, or the death of a relative. An appeal must be made in writing to the University and include an explanation of the circumstance(s) that may have adversely affected the student's ability to meet the academic requirements, and the plan or changes that have occurred which will allow them to make SAP in the future. All appeals must be accompanied by supporting documentation, such as a letter from a doctor or attorney. If an appeal is granted, the student will either be placed on probationary status for one semester during which the student must meet SAP guidelines, or must successfully adhere to an individualized academic plan that was developed for them by their academic advisor as part of their appeal. Failure to meet these criteria will result in loss of eligibility for Title IV funds.

Students wishing to receive Title IV financial aid for Summer semesters may have these awards evaluated and offered prior to a determination of SAP. All students receiving summer aid will have their SAP evaluated after all spring grades have been submitted. Students not making progress will have their summer aid cancelled, and the student will be liable for all tuition and fee charges incurred unless an appeal is filed and granted as outlined above.

The criteria below outline the progress that is required for a full time graduate student to be considered in good standing:

- Completion Rate Requirements: All students must earn at least 67% of their attempted hours.
- Students may not receive Federal aid for classwork that exceeds 150% of their degree requirements.
- G.P.A. Requirements: All students must maintain a cumulative G.P.A. of 3.0.

#### Notes:

- Progress standards for part-time students are prorated based upon the criteria above.

- Qualifying transfer credits are counted as both attempted and earned credits but have no effect on the G.P.A..
- Grades of W (Withdrawal), UW (Unofficial Withdrawal), INC (Incomplete), WF (Unofficial Withdrawal with Failure) and IF (Incomplete Fail) are counted as credits attempted but not completed, and do not affect the G.P.A..
- Repeated classes will count only once towards credits completed. A student may receive aid for a repeated class that has been successfully completed once.
- Any departmental requirements that exceed these standards must be adhered to for the purposes of evaluating SAP.

**New York State Awards**

Graduate students receiving New York State Scholarship Awards must meet the academic standing requirements established by the New York State Education Department. These requirements are different from those set forth by the Federal government, and apply only to New York State awards.

The basic measures for good academic standing for New York State Awards include the following:

- Pursuit of Program: A student must receive a passing or failing grade (A-F) in a certain percentage of courses each term.
- Satisfactory Academic Progress: A student must accumulate a specified number of credits and achieve a specified cumulative grade point average (G.P.A.).

The requirements for meeting these standards increase as the student progresses, and are based upon the number of State awards that the student has already received. Students failing to meet the required criteria are eligible to request a one-time waiver if extenuating circumstances played a factor in their academic performance. Examples of such circumstances could include an illness, accident, separation or divorce, or the death of a relative. An appeal must be made in writing to the University and include an explanation of the circumstance(s) that may have adversely affected the student’s ability to meet the academic requirements, and the plan or changes that have occurred which will allow them to make SAP in the future. All appeals must be accompanied by supporting documentation, such as a letter from a doctor or attorney. If a waiver is granted, the student will be eligible for the State award for the semester for which they were granted the waiver. The student must continue to meet the academic progress and pursuit of program requirements to receive further awards.

The chart below outlines the progress that is required for a graduate student to be considered in good standing:

**Graduate Semester Based Program Chart**

Semester	Before Being Certified for Payment:	
	A student must have accrued at least this many credits	With at least this G.P.A.
1st	0	0
2nd	6	2.0
3rd	12	2.5
4th	21	2.75
5th	30	3.0
6th	45	3.0
7th	60	3.0
8th	75	3.0

**Notes:**

- A student may not receive a NY State award for repeating a class that they have already successfully completed (i.e. the credits for a repeated class for which the student has already received a satisfactory grade will not count towards the full-time requirement).
- A student is placed on the chart above based upon their total State Aid received, including any award(s) received at a previous institution(s).
- To continue to receive NY State funding, a minimum number of credits must be completed each term, as well as on a cumulative basis.
- A student must maintain a minimum grade point average (G.P.A.) prior to being certified for a NY State award payment. This average increases as the student progresses in payment points.
- A student who is not making progress may request a one-time waiver if extenuating circumstances affected their academic performance. A student may only receive this waiver once for NY State awards.



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## DIVISION OF STUDENT SUCCESS

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### Hillwood Commons

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Hillwood Commons is the student and community hub of LIU Post. The three-story building features a large cafeteria, Starbucks and Subway, a lecture hall, a movie theater, a museum, student art gallery, computer lab, bank, student organization offices, lounges, a student information center, and areas for group study, recreation and quiet contemplation.

Hillwood Commons provides LIU Post students, faculty, staff and guests with a comfortable and accessible gathering place for all types of social activity, both formal and informal. Hillwood Commons is adjacent to Tilles Center for the Performing Arts, a 2,200-seat world-class concert hall. Hillwood Commons is open seven days a week, generally from 7:30 a.m. to 12 midnight.

If you have any questions, please contact the Hillwood Commons Information Desk at 516-299-2611.

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### Student Life and Leadership Development

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The Office of Student Life and Leadership Development provides a diverse range of opportunities for student involvement that complement the academic experience.

The office is committed to helping students realize their full potential. We believe that learning is not limited to the classroom. We seek to educate, challenge and cultivate LIU Post students by providing programs and services that encourage student involvement and offer both personal and academic support for student growth. We promote community outreach and social understanding and we help students learn how to help themselves as they prepare to become responsible and contributing citizens of our diverse society.

The Office of Student Life and Leadership Development advises 80 clubs and organizations at LIU Post. We say *advise*, because at LIU Post, clubs and organizations are created by students, run by students, and governed by students, with the assistance of professional staff members and faculty. We believe that it is the students' passion, leadership, talent and drive that make LIU Post a truly unique higher education experience.

If you are interested in forming a new club or organization, or simply wish to find out more about leadership opportunities and student activities, please contact the Student Life & Leadership Development Office at 516-299-2800.

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## Student Health and Counseling Center

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Wellness is essential to academic success. The Student Health and Counseling Center offers medical, counseling, psychiatric and nutritional services as well as drug and alcohol counseling. The staff is dedicated to helping our students feel comfortable discussing personal issues and having a successful college experience. All services are open to all LIU Post students and are free and confidential. Your good health is important to us!

Our mission is to maximize the educational experience of our students by looking at the student as a whole and taking into consideration the importance of the mind-body connection.

### Student Health & Counseling Center

LIU Post  
720 Northern Blvd.  
Life Science Building, Room 154  
Brookville, New York 11548-1300  
516-299-2345

**For 24 Hour Emergency Service Call:  
516-299-2222**

### Infirmery hours:

8 a.m. - 8 p.m., Monday through Friday  
(During the Fall & Spring semesters when school is in regular session.)

9 a.m. - 5 p.m. Monday through Friday  
(During Winter & Summer sessions.)

## RESOURCES & FACILITIES

### Library

The B. Davis Schwartz Memorial Library has a large and diverse collection with more than 2 million volumes and access to over 135,000 periodical subscriptions in online and print formats.

The library is open 86 hours a week, including evenings and weekends, with special extended hours during final examination periods. The Library's homepage is located at: [www.liu.edu/post/library](http://www.liu.edu/post/library), and has links to thousands of resources of value to students and researchers including access to LIUCAT, the University's online catalog, extensive periodical holdings, and online research guides. Access to hundreds of online databases enables users to retrieve many full-text resources in a variety of subject fields. Remote access to online resources is available to LIU users.

An intensive instruction program is available to undergraduate and graduate students through class lectures, hands-on demonstrations, and orientations. An important goal of the program is to instruct students so that they become information literate: able to determine the extent of information needed, able to access needed information, able to evaluate information and its sources critically, able to use information effectively, and able to understand the ethical use of information. Classes demonstrating the intricacies of conducting research using all types of sources and formats, including online resources, are offered to the entire Campus community. Library competency education is provided to undergraduates through a seven-session library workshop, and the Library collaborates with the English Department to teach Information Literacy.

The collections of all LIU libraries (including the Brooklyn, Brentwood, and Rockland campuses) are listed in LIUCAT. This computerized network makes information available to faculty and students at all LIU campuses. Books, journal articles and other library materials not available at a particular campus can be requested through the Interlibrary Loan Department and delivered to the requesting campus. Items not available at LIU libraries can also be requested and brought to campus.

The Reference Services Department, part of the Reference Commons located on the main floor of the library, includes The Reference Desk, Library Instruction Room and the Circulation/ Reserve Department. This area is equipped with over 50 computers for student use and also offers wireless access, a quiet study area for students, individual study carrels, and a copy center.

The Reference collection, with 36,000 volumes of reference and research materials, is particularly strong in the areas of literature and the arts, and

has an extensive core of legal resources and business materials.

The Library and Information Science resources are primarily used by doctoral, graduate and undergraduate degree students in the Palmer School of Library and Information Science. There are more than 22,000 volumes in this specialized collection, and 270 current journal subscriptions, many of which are available full-text online.

Current subscriptions of more than 1,700 journals, and a large retrospective collection, are maintained in the Periodicals Department, with databases providing access to the material. While a wide range of academic subjects is included in its holdings, the Department is particularly strong in psychology, education, literature, art and business.

The Instructional Media Center (IMC) is the multimedia resource center of LIU Post, with more than 1,500 films, videos, interactive CD-ROMs and a rich variety of other audiovisual resources. The IMC is equipped with a state-of-the-art instructional lab for demonstrations, workshops, technology training, and media previews. Its exemplary collection of curriculum resources for K-12 (teacher resource materials, children's books and textbooks) supports the programs in the College of Education, Information and Technology.

The Digital Initiatives and The Art Image Library house a collection of more than 80,000 analog images representing most geographic regions and time periods as well as a growing collection of digital images. It also holds a collection of art reference books, course related art textbooks, scholarly books on topics in the fine arts, a selection of materials on medieval art from the library of Jacqueline Anne Frank and the William Randolph Hearst Archive. The department also offers instruction in art research, digital imaging, image retrieval, and presentation technologies.

The Special Collections Department contains many notable holdings, such as: the only portion of Eugene and Carlotta O'Neill's personal library that survives as a whole; the William Randolph Hearst art photograph collection; a comprehensive collection, donated by the Theodore Roosevelt Association, of Theodore Roosevelt's life, times, and writings; 5,000 movie posters mainly from the 1940s and 1950s; letters by Henry James to his publisher; the Fine Art Facsimile Editions of the Book of Kells and the Tres Riches Heures of Jean, Duc du Berry; and the developing Winthrop Palmer collection of rare books of Irish and French literature. The Department also has the archives of LIU, especially the LIU Post campus, featuring a complete run of the student newspaper, the Pioneer, and the student yearbook, Opticon, as well as other University documents.

The library is also the home of the College of Education, Information and Technology, the Academic Multimedia Support Services department, the Office of Information Technology, the Post Library Association and the Hutchins

Gallery.

The Christine B. Gilbert Collection of Children's Literature, named in honor of a former professor of the Palmer School, and the American Juvenile Collection, a research collection of fiction and folklore published by American publishers from 1910 to 1960 are also located in the Library.

The Post Library Association, (PLA) a Friends of the Library organization, was founded by Mrs. Carleton Palmer, a former member of the Board of Trustees of LIU and a professor of English at LIU Post. The PLA conducts many cultural and educational programs in the Hutchins Gallery. Alumni and other friends of the University are cordially invited to join the membership.

Through the generosity of the Carleton H. and Winthrop B. Palmer Memorial Fund, an endowment of over \$4 million enables the library to purchase materials in the arts and humanities, supplementing its regular budget for acquisitions and enriching collections immeasurably.

### Office of Information Technology

The Office of Information Technology (IT) is charged with the responsibility of mediating the technology needs for the entire Campus community. IT is responsible for overseeing all network-related activities for the campus while supporting the technology-related mission and values within the institution. We serve both the administrative and academic areas of the institution, including our students, faculty and staff.

Technology enhances communication and expands the opportunities to explore a Web-mediated world. LIU Post maintains enterprise level Internet services with more than 2,000 computers for faculty, staff and students. High-speed Internet access is available via an advanced network architecture providing the necessary exchange speed as well as the resiliency we depend on. Multiple Internet service providers are used to ensure network stability. Densely populated wireless access points establish strong wi-fi signals in and around all instructional venues.

LIU's iPad initiative, the largest deployment of mobile devices within a private institution thus far, underscores the University's commitment to mobile learning. The initiative, which began in 2010, now provides iPads at no cost for incoming full-time freshmen and transfer students, and at half price for incoming graduate students and new part-time undergraduate students.\* Regularly-scheduled user groups convene each semester providing information exchanges among faculty, students and staff on innovative ways these devices serve the academic mission of the institution. LIU is committed to providing mobile connectivity to its stakeholders and our learning environments.

\*Specific terms of eligibility may be reviewed at

the individual campuses.

At LIU Post, IT supports 26 Campus-wide labs with more than 550 computers for student access. All labs offer high-speed laser printing and are equipped with office productivity and instructional software. Discipline-specific computer labs located throughout the campus make a number of other well-known software programs available in graphic design, video editing, computer programming and mathematical and statistical manipulations. Students have access to faxing, color printing and scanning in two general access labs, where software and hardware assistance from peer technology assistants is available. All classrooms have networked connections available for faculty demonstrations including high-resolution digital projectors and interactive screens. To maintain a state-of-the-art environment, hardware and software are routinely upgraded.

Every student is provided with an e-mail account and access to the My LIU portal, located on the Web at [my.liu.edu](http://my.liu.edu). My LIU is designed to help students access online information concerning grades, class schedules, online registration, student finances, e-mail, cloud storage and access to the course management system, among other resources. More information is available on our departmental website at [www.liu.edu/infotech](http://www.liu.edu/infotech).

## Public Safety

**Emergencies: 516- 299-2222**

**Non-Emergencies: 516-299-2214**

**Email: [publicsafety@cwpost.liu.edu](mailto:publicsafety@cwpost.liu.edu)**

The Department of Public Safety is committed to providing a safe and secure environment for students, faculty, staff and visitors of LIU Post. We provided safety and security services by foot, bicycle and vehicle patrol 24 hours a day, 365 days a year. Public Safety Officers at LIU Post are licensed by the State of New York and are trained, certified and registered pursuant to the New York State Security Guard Act of 1992.

The Public Safety Department administers a comprehensive public safety program, including traffic enforcement, crime prevention programs, fire prevention exercises, EMT services, escort services, an emergency alert system, and a network of sirens and loudspeakers in the event of outdoor emergencies. The Department of Public Safety works closely with the Old Brookville and Old Westbury Police Departments, and the Nassau County Office of Emergency Management to ensure the safety of the campus community. In addition, the Department models its security procedures by the guidelines of the United States Department of Homeland Security.

The Department maintains and promotes respect for the individual rights and dignity of all persons and continually attempts to instill public confidence by maintaining a high degree of professionalism, dedication and expertise in the delivery of the service it provides.

## Information for Current and Prospective Students and Employees

Section 485 of the Higher Education Act, The Federal Crime Awareness and Campus Security Act of 1990, requires that current and prospective students and employees are notified of the availability of the annual report and statistics and security policies. A copy of LIU Post's annual security report includes statistics for the previous three years concerning reported crimes that occurred on the Campus; in certain off-campus buildings or property owned by or controlled by LIU Post; and on public property within, or immediately adjacent to and accessible from, the Campus. The report also includes institutional policies concerning campus security, such as policies concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault, and other matters. You can obtain a copy of this report by contacting: Director of Public Safety, LIU Post, 720 Northern Blvd., Brookville, New York 11548.

## Emergency Management

LIU Post's Department of Public Safety offers comprehensive services in emergency response and management to ensure the safety of our students, faculty and staff. Through several initiatives, the Campus is prepared for a wide array of emergency situations, ensuring prompt notification and protection of the Campus community whether the event is commonplace or extraordinary. In the event of emergency, the LIU Post Emergency Notification System is enabled to instantly and simultaneously contact LIU Post students, faculty and staff via LIU e-mail, website notifications and text messaging to those who register their cell phones with the University. Emergency Building Managers assist Public Safety in disseminating information in their designated building and have been trained in "Evacuation" and "Shelter-in-Place" procedures. LIU Post also employs the use of an outdoor siren warning system, which can be heard throughout the Campus.

Throughout the Fall and Spring semesters, trained Emergency Medical Technicians (EMTs) respond to on-campus medical emergencies in a timely fashion. LIU Post also has its own ambulance to shuttle students in need of hospitalization or immediate medical care. An efficient Snow and Emergency School Closings system is in place to ensure our students are informed of closings immediately via the LIU Post homepage, our emergency closings hotline (516-299-EMER), as well as local radio and television stations.

## Disability Support Services (DSS)

The office of Disability Support Services at LIU Post collaborates with students with disabilities to ensure equal access to all programs, services, and facilities on the LIU Post campus as well as LIU's regional campuses.

Disability Support Services works with the students with disabilities and the LIU community to create an accessible and supportive environment. Based on appropriate documentation, DSS assists students in securing the necessary accommodations from academic departments and, if needed, other offices.

The office of Disability Support Services, which is located in the Learning Support Center, can be reached at 516-299-3057.

### Policy for Students with Disabilities

In compliance with federal and state laws, LIU Post is committed to providing qualified individuals with disabilities the opportunity to participate in all University programs and activities, curricular and co-curricular, which are available to non-disabled individuals.

Students with disabilities who desire accommodations must submit appropriate documentation of their disability to the office of Disability Support Services located in the Learning Support Center. Professional staff will review and evaluate this documentation, interview the student, and provide the student with completed Accommodations Forms for presentation to the teaching faculty. Accommodations Forms must be obtained each semester, before the semester begins. DSS files are confidential.

### Accommodations

Academic accommodations are provided to students with disabilities by their individual professors within the academic departments. Accommodations will be considered reasonable when they do not fundamentally alter the nature of a program, course, or service or present an undue administrative burden on the University. Students requesting accommodations are required to submit documentation to verify eligibility under the Americans with Disabilities Act, as amended, and Section 504 of the Federal Rehabilitation Act of 1973. Appropriate medical documentation of the disability must be provided so that DSS can:

1. determine the student's eligibility for accommodation; and
2. if the student is eligible, evaluate appropriate academic accommodations.

Disability documentation must include a written evaluation from a physician, psychologist, or other qualified specialist that establishes the nature and extent of the disability and includes the basis for the diagnosis and the dates of testing. The documentation must establish the current need for an accommodation.

### Determining Eligibility

Accommodations are determined on a case-by-case basis, taking into account the needs of the

student, and the course standards. The determination of an appropriate and reasonable accommodation is based on approved documentation and through interaction with the student. Specifically, accommodations are determined by DSS in consultation with the student and with input, as needed, from the faculty and staff.

In reviewing the specific accommodation requested by the student or recommended by the physician/evaluator, DSS may find that while a recommendation is clinically supported, it is not the most appropriate accommodation given the requirements of a particular student's academic program. In addition, DSS may propose clinically supported accommodations that would be appropriate and useful for the student, but which neither the student nor the evaluator have requested. Campus departments will be notified, as necessary, of the need for additional accommodations noted in the student's documentation.

**Denial of Accommodations**

The University reserves the right to deny services or accommodations in the event the request is not clinically supported. If the documentation provided by a student does not support the existence of a disability or the need for a requested accommodation, the student will be so advised. Students will be given the opportunity to supplement the initial documentation with further information from a physician, psychologist, or other specialist.

The University is not required to provide an accommodation that compromises the essential requirements of a course or program, or that poses a direct threat to the health or safety of the student or others.

**Student Appeal**

A student who disagrees with a DSS determination of eligibility or accommodation is encouraged to meet with the director of the Learning Support Center to resolve the matter informally. Students may appeal the denial of the DSS determination to the Associate Provost for Student Success.

**Procedures for Students with Disabilities Who Desire Accommodations**

**1) Documentation**

A student with a disability who desires accommodations must submit appropriate documentation of his or her disability to the DSS office. In most cases, appropriate documentation should be no older than 3 years, must include a diagnosis of a disability, must include the testing and results that explain the nature of the disability, the way it currently impacts the student academically or otherwise, and suggestions of accommodations that might work for the student.

**2) Evaluation of Documentation**

Appropriate professional staff in the DSS office will review and evaluate the disability documentation that a student submits. Confidential files will be established for documented students

with disabilities.

**3) Notification**

The DSS office will notify the campus departments of special accommodations needed. Appropriate professional staff will also meet with the student and provide the student with the appropriate Accommodations Forms for the student to present to his/her professors.

**4) Accommodations**

Each academic department will provide the academic accommodations needed by the student. These academic accommodations may include but are not limited to extended time for tests, note takers, use of a tape recorder in class, reading exam questions to a student, a scribe to record a student's answers to test questions, and the use of a computer for an essay exam. Other campus departments will be responsible for making accommodations as necessary.

**5) Publicity of the Policy and Procedures**

The policy and procedures for students with disabilities will be publicized in the following ways:

- LIU Post publications such as the Student Handbook, Handbook for Students with Disabilities and the graduate and undergraduate catalogues and bulletins will include the policy and procedures for students with disabilities.
- Letters explaining the policy and procedures will be sent to all incoming students in the admission acceptance packets.
- A campus mailing to all teaching faculty and staff will explain the policy and procedures.
- Special information meetings will be held with the offices that often interact with students with disabilities such as Admissions Counselors and Academic Counselors/Advisors.
- All faculty will be provided with a statement to read in class on the first day of classes that provides students with information about how to request accommodations.

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**Psychological Services Center**

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The Clinical Psychology Doctoral Program operates the Psychological Services Center (PSC). The PSC is an independent community mental health facility whose purpose is to provide psychological services to the community and to serve as a training facility for graduate students in the doctoral program. During the four-year residency, each doctoral candidate is required to complete a one-year externship at the PSC. The PSC contains two-way mirrors for observation, a children's room for play therapy, audio and video equipment for recording of supervised cases, conference rooms, and ample office space for testing and therapy sessions.

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**International Student Services & Community Development**

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Welcome to International Student Services (ISS) at LIU Post. ISS offers programs and services to all incoming and currently enrolled international students. We lend our support and expertise to more than 700 international students from over 50 countries on our culturally diverse campus. Studying abroad can be one of the most rewarding experiences of a lifetime, but it can also be challenging to navigate by yourself. At ISS, our caring and knowledgeable staff is here to make sure you are comfortable and enriched, both socially and academically, at your new home-away-from-home. The ISS Office provides guidance for academic success, assists students in maintaining their legal F-1 non-immigrant status in the United States and offers social, cultural and educational programs to promote integration into the LIU Post community

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**Community Standards & Civic Engagement**

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The mission of the Office of Community Standards and Civic Engagement is to promote student understanding of rights and responsibilities as individuals and as members of the Campus community. All students are expected to adhere to principles set forth in the Ethos Statement as well as the provisions set forth in the LIU Post Code of Conduct.

A student who is allegedly in violation of the Code of Conduct is referred to the Office of Community Standards and Civic Engagement to meet with the Director or designee. They provide a fair and educational adjudication process of students. The goal of the process is to promote an understanding of ethical behavior, to encourage personal development, and to develop a sense of importance to becoming a positively contributing member of the community.

**Code of Conduct**

LIU Post can make its maximum contribution as an institution of higher learning only if the highest standards are maintained by every member of the Campus community. Such is the spirit in which the rules and regulations set forth in the Code of Conduct have been formulated. The code expresses our commitment to the values of responsible freedom and interdependence. It expresses our concern for the right to privacy and safety, as well as personal responsibilities, and responsibilities to one another. It is designed to assure respect and equitable treatment of all individuals. It is designed to ensure that student life at Post can develop in an atmosphere conducive to learning and personal growth. The LIU Post Code of Conduct is founded on the principles of student conduct set forth in the Ethos Statement: respect for oneself, respect for others,

respect for property, respect for authority, and honesty.

Until evidence to the contrary is observed, the Campus presumes that students are motivated by the desire to improve their capabilities and to help others to do so, that they possess a sense of honor and are trustworthy, and that they are mature men and women, capable of behaving accordingly. Students who violate the rules and regulations must expect that appropriate disciplinary actions will be taken. The complete version of the Ethos Statement and our Code of Conduct can be found on our website.

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## Religious Life

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The Office of Religious Life celebrates the diversity of religious experience and faith traditions represented at LIU Post. At the Interfaith Center individuals are encouraged to develop a deeper understanding of one's own traditions and to learn about, respect and appreciate the religious traditions of others. The Office of Religious Life supports the focus of community service and volunteerism throughout LIU Post, encouraging the active citizenship of civic-minded individuals. Students can learn about service opportunities and experiences available through the Interfaith Center.

The Interfaith Center is located on Gold Coast Road, marked by its high dome and pillared front entrance. Visitors are always welcome for silent meditation, worship services, lectures and other activities. If your faith tradition is not represented we will assist you in finding your tradition locally.

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## Residence Life

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About 1,700 students live in eight residence halls on the campus of LIU Post. Each hall is co-ed, with males and females divided by floor or wing. Halls range in size and can accommodate any number of students from 40 to 380 students. Five residence halls – Brookville, Kings, Queens, Post and Riggs – are traditional-style, offering two, three or four- person rooms that open onto a common hallway. Residents in each hallway share a large, common bathroom.

**The South Residence Complex** features an all-suite design, with up to eight students sharing a common living area, double bedrooms and a semi-private bath. This layout is popular with junior and seniors who want to share living accommodations with a group of friends.

Two other residence halls – **Suffolk and Nassau** – offer more specialized options. Suffolk Hall is a traditional-style hall designed for 24-hour intensified study for students who prefer a quiet, academic-centered environment. Nassau Hall offers the additional benefit of long-stay accommodations over vacations and in between semesters – for overseas and other far-from-home students, for those who work on campus, or for students who register for classes during the Winter

Semester.

Every residence hall offers lounges for relaxation or study, as well as snack areas with vending machines and convection ovens, and fully-equipped laundry rooms.

Applications for On-Campus Housing are available from the Residence Life Office and can be found on the campus website. Additional information regarding the University Health Insurance Requirement, information regarding student property insurance for Fire, Theft, and Vandalism is also available.

Cancellations: The \$300.00 deposit is refundable until July 1st for the Fall Semester and January 1st for the Spring Semester. Students who cancel after occupancy are eligible for a room refunded as listed below. There are no refunds for meal plans. All cancellations must be submitted in writing to the Office of Residence Life.

<i>Withdrawals During:</i>	<i>Fall/Spring</i>	<i>Summer</i>
1st Calendar Week	90%	60%
2nd Calendar Week	75%	25%
3rd Calendar Week	50%	No Refund
4th Calendar Week	No Refund	No Refund

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## Digital Art and Design Lab

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The School of Visual and Performing Arts Digital Art and Design Lab, located on the second floor of Humanities Hall, is a state-of-the-art facility for students majoring in art, digital art and design, graphic design or photography. The complex of five Mac equipped laboratories includes networked computers, current software packages, digital still and video cameras, film and flatbed scanners, and laser printers. Students can create everything from newspaper layouts and fully interactive Web pages to 3D-images and animations in this studio setting.

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## Digital Games Lab

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A spacious newly-designed and equipped lab for students in digital game design opened in Fall 2011. It features all new Mac computers, a smart board system, flexible workspace, and professional-level software for all aspects of game development. This new lab is located in Humanities Hall room 206.

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## Music Technology Laboratory

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The Music Technology Lab in the Fine Arts Center features 14 new computer music workstations, a teaching station, a large screen projection system and a stereo sound system. In

the lab, students explore digital options for composition, theory and recording, and develop their own projects while studying sequencing, notation, digital audio, ear-training, theory, composition and music education.

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## Media Arts Labs

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### Television Facility

The Media Arts Department in the School of Visual and Performing Arts has a television facility with a newly refurbished production studio, a professional control room, linear editing and a new digital editing lab. Computers are equipped with the latest digital video software. The television facility is also home to PTV, which provides student programming, and feature films to the entire campus. Any Post student may join PTV. The television facility is located in Humanities Hall room 214.

### Journalism/Public Relations Lab and Newsroom

Humanities Hall room 209 serves as a computer laboratory for journalism and public relations students. It is equipped with the latest software for writing, desktop publishing and web publishing. The lab is designed as a professional newsroom with a cable hookup, newspapers, magazines and a digital projection system.

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## Jerrold Mark Ladge Speech and Hearing Center

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The Ladge Speech and Hearing Center provides evaluation and therapeutic services for children and adults with speech language and/or hearing problems. The Center is fully equipped with the latest instrumentation and materials in speech-language pathology and audiology. The clinic services are supervised by a full-time clinic director and other supervisors who are ASHA certified and licensed by the State of New York. The Center serves as a training facility for graduate students working toward certification and licensure as speech-language pathologists. Services are available to the community as well as those at LIU Post at a reasonable fee. For more information, call the Ladge Speech and Hearing Center at 516-299-2437.

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## Benjamin and Elizabeth Abrams Communication Center

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The Communication Center contains four radio broadcast facilities all of which are equipped with digital equipment. These include WCWP 88.1 FM and WebRadio WCWP, as well as production and live performance studios. Broadcasting 24 hours a day, WCWP 88.1 FM, is a non-commercial station. In the evening, student-hosted music programming is broadcast on WCWP 88.1 FM. Students also create and deliver a nightly news program. All students are invited to join the staff

of WCWP. WebRadio WCWP is a multi-formatted, student-operated learning laboratory for the Media Arts Department as well as for students majoring in other disciplines.

WebRadio WCWP can be heard on the Campus cable channel and on the internet via the LIU website each day during the academic year at [www.webradiowcwp.org](http://www.webradiowcwp.org). The joint mission of WCWP 88.1 FM and WebRadio WCWP is to foster the individual and collective growth of the students and staff while providing programming that serves the needs and interests of the campus and off-campus communities.

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## Institute for Arts & Culture

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The Institute for Arts & Culture was established in 1998 on the principle that engagement with the arts is an indispensable component of higher education. Our mission is to make the arts central to the lives of LIU students, faculty, and staff, and to enhance the educational and cultural experience of the Campus community. The Institute develops programs using the professional arts resources of Tilles Center and Hillwood Art Museum and serves as a clearinghouse for information on the professional and academic arts activities on campus.

Through the Rose Tilles Encounters with the Arts Program, the Institute coordinates lectures, master classes, workshops and residency activities with visiting artists who, in recent years, include the Tokyo Quartet, Judith Ivey, David Parsons, Edward Villela, Andre Watts, and members of the New York Philharmonic Orchestra.

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## Tilles Center for the Performing Arts

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Tilles Center for the Performing Arts provides LIU Post with an internationally recognized venue for great performances, featuring the most important classical and popular artists of our time.

The 2,200-seat concert hall, which adjoins Hillwood Commons, is the Long Island home for many of New York City's finest ensembles including the New York Philharmonic, the Big Apple Circus and the Alvin Ailey American Dance Theater. Tilles Center presents nearly 100 performances annually, incorporating every style from classical music, dance and opera to jazz, rock and hip-hop, with many programs designed especially for families and children.

LIU students receive substantial discounts on many Tilles programs. The Box Office can provide current schedules and prices at 516-299-3100 or [www.tillescenter.org](http://www.tillescenter.org).

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## Hillwood Art Museum

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Hillwood Art Museum, located in Hillwood Commons, serves as an integral part of the cultural resources at LIU Post. Each year the Museum

features exhibitions accompanied by lectures, demonstrations and symposia to enrich, explain and educate all students.

Hillwood Art Museum also serves as custodian to the University's Permanent Collection consisting of more than 4,000 objects from ancient Roman glass to contemporary photography. The extensive collection offers opportunities for scholarly research in many areas. The recording, conservation and display of the collection serve as an educational platform for student museum assistants interested in pursuing a career in arts management, curatorial studies, art history studies or art education.

For more information on exhibitions or educational programs call 516-299-4073.

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## Pratt Recreation Center

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The Pratt Recreation Center provides LIU Post students with a modern facility where they can exercise, play, compete or work out. From high-action basketball games to leisurely laps in an eight-lane swimming pool, the Pratt Recreation Center is outfitted for a variety of recreational, intramural and competitive activities and sports.

The Center is home to an elevated running track, an 8-lane swimming pool, racquetball courts and a gymnasium that features basketball and volleyball courts with seating for 3,000.

The fitness area features free weights and state-of-the-art exercise equipment, including, treadmills, stationary bicycles and arc trainers. A multipurpose room houses classes in aerobics, dance and exercise.

The Pratt Recreations Center is conveniently located in the athletics complex, next to the football field and field house. It is open days, evenings and weekends seven days a week. For more information visit the website at [www.liu.edu/cwpost/recreationcenter](http://www.liu.edu/cwpost/recreationcenter).

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## Recreational Sports

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The Recreational Sports Department serves as a vital and integral part of student life at LIU Post. The Department is committed to providing the finest programs, services, facilities and equipment to enrich the University learning experience and to foster a lifetime appreciation of and involvement in wellness and recreational sports and activities for our students, staff, faculty, and alumni as well as members of the local community.

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## Teaching and Learning Initiative

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One of the most important issues in higher education today is the improvement and measurement of student learning, particularly in an era of changing student demographics and greater demands for student access and accountability of higher education institutions to stakeholders such as parents, surrounding communities and employers. The LIU Teaching and Learning

Initiative addresses these critically important issues and includes both University-wide and campus-based strategies to enhance faculty development in teaching and learning, thereby enhancing the quality of the educational experience that we provide to our students.

To acquaint our faculty with the best research and the most recent advances in teaching and learning, the Teaching and Learning Initiative includes new faculty development strategies such as New Faculty Orientation and Teaching with Technology workshops; curriculum development and assessment endeavors with current faculty and expert external consultants; events to promote innovative campus-community collaboration; events to cultivate learning communities; and discussions and workshops regarding new approaches to the integration of research, teaching and learning. Furthermore, the Teaching and Learning Initiative facilitates faculty networking, connecting instructors with common interests across disciplines, and organizing events at which faculty come together and share their interdisciplinary perspectives and strategies.

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## Winnick Student Center

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The Arnold S. Winnick Student Center, located in the Residential Quad, contains a modern food court with an "all-you-care-to-eat" menu offering meal choices ranging from home cooking to fat-free and health-conscious meals. The seating area has Internet ports for laptop computers at several dining tables, as well as wireless communications and a big-screen TV. Also located in Winnick Center is the Gold Coast Room, which is used for large banquets, as well as assemblies. Located on the lower level is the Long Island Room, which serves as meeting space. The facility also has a faculty/staff dining room. The building is named for the father of LIU Post alumnus Gary Winnick.

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## LIU Post Community Arboretum

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LIU Post is nationally recognized as one of the most beautiful college campuses in the nation. The scenic campus is famous for its magnificent formal gardens, rolling green lawns and 4,000 trees – some among the largest on Long Island.

In 2002, a 20-acre portion of the campus was designated as an arboretum featuring more than 100 trees (some very rare). Each tree contains a label with interesting horticultural facts and origin information. The trees are located along a self-guided walking trail that encircles the campus' main academic buildings.

The arboretum is open to the public seven days a week from dawn to dusk, free of charge. A self-guided walking trail starts and ends at Hillwood Commons and lasts anywhere from 30 to 45 minutes. LIU Post students studying biology and

earth and environmental science often use the arboretum in their field research of plant life, floral development and structure, photosynthesis and ecology. For more information visit the arboretum website at [www.liu.edu/arboretum](http://www.liu.edu/arboretum) or call the LIU Post Office of Community Relations at 516-299-3500.

**COLLEGE OF EDUCATION, INFORMATION AND TECHNOLOGY**

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The College of Education, Information and Technology offers undergraduate and graduate degrees in teacher education, educational administration, counseling, communication sciences and disorders, library and information science, computer science and management engineering. Small classes, state-of-the-art technology, exceptional student teaching and internship opportunities, and a distinguished faculty of experienced professionals combine for an education of unparalleled quality. The College of Education, Information and Technology is dedicated to preparing students for leading roles in some of the world's fastest growing and most rewarding fields.

Along with bachelor's and master's degrees, the College of Education, Information and Technology offers two doctoral programs – the Ph.D. in Information Studies and the Ed.D. in Interdisciplinary Educational Studies. The College is home to the nationally renowned Palmer School of Library and Information Science. In addition, the College offers graduate-level advanced certificates in such specialties as archives and records management, public library administration and school district leadership. Long-standing affiliations with dozens of school districts, public libraries and other organizations give our students opportunities for real-world experience and a forum for networking.

The College holds several prestigious accreditations signifying they meet the highest standards of their respective fields.

**Robert Hannafin, Ph.D.**

Dean

robert.hannafin@liu.edu

**Michael Hogan, Ph.D.**

Associate Dean

Director, Clinical Education and  
Professional Certifications

mphogan@liu.edu

**Kathryn Lusteg, Ph.D.**

Associate Dean

kathryn.lusteg@liu.edu

**Jody Howard, Ph.D.**

Associate Dean and Director, Palmer School of Library and Information Science

jody.howard@liu.edu

**Oscar DeRojas**

Assistant Dean

oscar.derojas@liu.edu



## DEPARTMENT OF COMMUNICATION SCIENCES AND DISORDERS

Phone: 516-299-2436

Fax: 516-299-3151

Chairperson: Slavin

Associate Professors: Amato, Barrow, Domingo, Slavin, Wolk

Assistant Professor: Abdelli-Beruh

Adjuncts: 12

### Ladge Speech and Hearing Center

Phone: 516-299-2437

Fax: 516-299-3151

Clinical Director: Rubenstein

Clinical Supervisors: 9

Millions of Americans suffer from some form of speech, language or hearing disorder and require specialized therapy or rehabilitation services. This creates a demand for trained professionals to assist adults and children in overcoming their communication difficulties. The Department of Communication Sciences and Disorders is dedicated to the advancement of the diagnosis and treatment of speech, language and hearing problems.

The M.A. in Speech-Language Pathology is nationally accredited by the Council of Academic Accreditation (CAA) of the American Speech-Language-Hearing Association (ASHA) and meets the requirements for New York State "Teacher of Children with Speech and Language Disabilities" certification and licensure as a speech-language pathologist.

Students observe and participate in actual clinical sessions at the Jerrold Mark Ladge Speech and Hearing Center, located on campus. The Ladge Speech and Hearing Center offers a full range of diagnostic and therapeutic services for children and adults individually and/or in small groups.

## M.A. in Speech-Language Pathology

Imagine the satisfaction of helping a child overcome chronic stuttering or assisting a stroke patient to speak more clearly. With the specialized, advanced training provided by the 58-credit Master of Arts in Speech-Language Pathology you will be equipped for a career diagnosing and treating a wide range of speech, language and hearing disorders.

Courses examine all facets of the field, including the; voice, stuttering, motor speech and swallowing disorders; aural rehabilitation; language impairments and neurogenic communication disorders through the lifespan. Central to your training will be three clinical placements: the first in the on-campus clinic, the second in a school setting, and the third in a

hospital, rehabilitation center or other adult facility.

As a prerequisite for admittance, an undergraduate degree in communication sciences and disorders is preferred, but a background in another area will be considered.

### ADMISSION REQUIREMENTS

Candidates for the Master of Arts in Speech-Language Pathology complete the following prerequisites:

Course	Credits
SPE 51 Phonetics of English	3
SPE 63 Introduction to Linguistics and Language Acquisition	3
SPE 82 Introduction to Speech Science	3
SPE 84 Introduction to Anatomy and Physiology of the Speech and Hearing Mechanism	3
SPE 90 Introduction to Audiology	3
SPE 580 Introduction to Speech Language Pathology	4
EDU 15A Psychological Perspectives: Teaching and Learning	3
<b>or</b>	
EDU700A Psychological Foundations of Education	
EDU 14 Historical, Philosophical, and Sociological Foundations of Education	3
<b>or</b>	
EDU 700B Social Foundations of American Education	
EDU 703 Child Development	3

Each applicant's academic background and training will be evaluated to determine if he or she needs to complete any prerequisite courses. Prerequisite work will not count toward the 58-credit master's degree requirements. For admission to the program, an undergraduate degree in communication sciences and disorders is preferred, but a background in other areas will be considered. Students with majors other than CSD may apply with their course credits. If accepted, it will be on a limited matriculated basis until

prerequisite requirements are satisfied.

Admission is restricted and requires a general undergraduate grade point average of 3.0 and a 3.0 average in the major area.

Admission is for the fall semester only. Applications must be submitted by January 2nd for the following fall term. All supporting credentials (transcripts, three letters of recommendation, personal statement, and résumé and G.R.E.) must be submitted by February 1st.

The program requires completion of at least 58 master's-level credits. The degree candidate selects either a thesis (additional 3 credits) or comprehensive examination option to complete. During the four-semester sequence of clinical practica, students will not be able to work full-time. These courses require a minimum of two days per week and may be a full-time commitment.

Applicants to the Master of Science in Speech-Language Pathology must complete the following requirements for admission:

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate studies overall and in the major area of study or successful completion of another master's degree. All applicants are required to take the Graduate Record Examination (GRE).
- Three professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- A current resume
- Interview with the clinic director of the Department of Communication Sciences and Disorders is at the discretion of the faculty
- A spontaneous writing sample at admissions interview may be required
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.A. in Speech-Language Pathology Requirements**

(58-61 Credits)

**Required Speech-Language Pathology Courses:**

**List 1**

SPE	601	Neuroanatomy of the Speech/Language and Hearing Mechanism	3.00
SPE	610	Speech Science	3.00
SPE	620	Clinical Methods and Focused Observation in Speech-Language Pathology	1.00
SPE	625	Intro Clinical Practice Speech-Language Pathology	2.00
SPE	626	Practicum in Diagnostic Evaluation of Communication Disorders	1.00
SPE	627	Practicum in Audiology	1.00
SPE	628	Clinical Practicum in Speech-Language Pathology I	2.00
SPE	631	Clinical Practicum in Speech Language Pathology IV	3.00
SPE	632	Practicum in a School Setting	3.00
SPE	633	Diagnostic Procedures in Speech-Language Pathology	3.00
SPE	680	Swallowing Disorders in Children and Adults for the Speech-Language Pathologist	3.00
SPE	682	Voice Disorders	3.00
SPE	684	Stuttering	3.00
SPE	685	Aphasia and Related Disorders	3.00
SPE	687	Phonological and Articulation Disorders in Children	3.00
SPE	689	Language Disorders in Children and Adolescents	3.00
SPE	690	School-Based Language Intervention for the Speech-Language Pathologist	3.00
SPE	691	Motor Speech Disorders in Children and Adults	3.00
SPE	692	Aural Rehabilitation	3.00

SPE	707	Research Problems in Speech-Language Pathology	3.00
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**Required Speech-Language Pathology Courses:**

**List 2 (choose one)**

EDU	613	Methods and Materials in Speech-Language Pathology	3.00
SPE	634	P A S S: Practical Applications for School Speech-Language Pathologists	3.00

**Elective Speech Language Pathology Courses**

EDU	613	Methods and Materials in Speech-Language Pathology	3.00
SPE	629	Clinical Practicum in Speech-Language Pathology II (optional)	1.00
SPE	634	P A S S: Practical Applications for School Speech-Language Pathologists	3.00
SPE	683	Craniofacial Anomalies and Related Disorders of Speech	3.00
SPE	694	Communication-Based Intervention for Infants and Toddlers	3.00

**Culminating Experience:**

Student is required to do a Comprehensive Exam or Final Project or Thesis (with course).

**Thesis Course**

SPE	708	Thesis Seminar	3.00
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## Communication Sciences and Disorders Courses

### **EDU 613 Methods and Materials in Speech-Language Pathology**

This course will introduce school-based speech-language pathology practices as a learning experience. Students will learn to interface effectively with teachers and other personnel in the schools. Students will explore curriculum and the underpinning components of speech-language development and the impact of speech-language difficulties and differences on children's ability to listen, speak, read, and write. Service delivery models, including classroom collaboration and consultation, will be presented using constructionist techniques and authentic materials.

*Credits: 3*

*Every Summer*

### **SPE 580 Introduction to Speech-Language Pathology**

This is a survey course designed for prospective graduate in speech-language pathology. The course provides an overall perspective on the causes, as well as principles of assessment and management of children and adults who present with communication disorders involving speech, language, voice and/or fluency. Twenty-five hours of observation are required of the students. Instruction in the current ASHA Code of Ethics is included.

Graduate level prerequisite course.

*Credits: 4*

*Every Spring*

### **SPE 601 Neuroanatomy of the Speech/Language and Hearing Mechanism**

This course is designed to provide the student with a working knowledge of the anatomical landmarks of the central nervous system, its physiology, and those pathological disorders which are speech/language/hearing specific. Its goal is to familiarize the student with basic brain behaviors. This course provides the knowledge of the central nervous system essential to the understand neurologically based communication disorders in children and adults.

*Credits: 3*

*Every Fall*

### **SPE 610 Speech Science**

This course provides a basic understanding of speech acoustics, and its application in the study of speech production and perception, as well as techniques of speech analysis and synthesis used in current speech research. Various speech instrumentation is also studied. Laboratory exercises allow students hands-on experience that integrates theories with clinical practice.

*Credits: 3*

*Every Fall and Spring*

### **SPE 620 Clinical Methods and Focused Observation in Speech-Language Pathology**

The purpose of this one credit seminar is to provide each student with an introduction to clinical methods used in prevention, evaluation and treatment of communication and related disorders across the life span in speech-language pathology. Students will have an opportunity to observe sessions in the Ladge Speech and Hearing Center, and participate in lectures, reading, video tape analysis, seminar participation and role playing to better understand the thought process for session planning and interaction. The class will help students become better prepared for direct clinical interaction with clients in the subsequent semester in Speech 625. Experiences will be supervised by the Director of the Ladge Speech and Hearing Center and the supervisory staff. A seminar class will meet regularly to review and discuss theoretical and procedural information and review textbook material and observations.

*Credits: 1*

*Every Fall, Spring and Summer*

### **SPE 625 Intro Clinical Practice Speech-Language Pathology**

This course provides the graduate student in speech-language pathology with an overview of the evaluation and therapeutic process with a limited amount of hands-on clinical experience. The course covers fundamental concepts in client and clinician interaction, the clinical process, clinical vocabulary, and the supervisory process. Students participate in lecture seminar, clinical observation and therapy, as well as analysis of clinical sessions. Lecture for one hour weekly plus on hour supervision group, and directly supervised clinical interaction with several pediatric and adult clients over the semester in the Ladge Speech and Hearing Center is included. Students are sometimes paired with a more advanced graduate clinician. Twenty five hours of observation (15 hours must be at the Ladge Speech and Hearing Center) is required prior to registration for this class.

*Credits: 2*

*Every Fall, Spring and Summer*

### **SPE 626 Practicum in Diagnostic Evaluation of Communication Disorders**

The purpose of this course is to provide each student with hands-on experience in administering, scoring, analysis and interpretation of standardized tests as well as report writing and referral in children and adults with communication disorders. Research relevant to evaluation and testing procedures and interpretation will be reviewed. Multi-cultural considerations when assessing clients will be addressed as they affect the diagnostic procedure.

*Credits: 1*

*Every Fall and Summer*

### **SPE 627 Practicum in Audiology**

This course is designed to fulfill Audiology

Practicum hours for the Speech Language Pathology Master of Arts Degree. The practicum is completed through observation in the Audiology and Aural Rehabilitation services conducted at the Ladge Speech and Hearing Center and participation in audiological screenings at the Center and in the community. A total of 15 hours of participation in audiological screenings within the Scope of Practice for a speech-language pathologist is required.

*Credits: 1*

*Every Fall, Spring and Summer*

### **SPE 628 Clinical Practicum in Speech-Language Pathology I**

This course is a hands-on experience in providing evaluation and treatment in speech/language pathology and related disorders in children and adults directly supervised by the Communication Sciences and Disorders supervisory staff in the LIU Post Ladge Speech and Hearing Center. A seminar once per week will discuss clients, clinical procedures, and professional issues including the ASHA Code of Ethics, licensure and certification rules and requirements. Supervision groups once per week for one hour accompanies the one hour seminar. Individual supervisory sessions and mentoring of graduate clinicians is stressed.

*Credits: 2*

*Every Fall, Spring and Summer*

### **SPE 629 Clinical Practicum in Speech-Language Pathology II (optional)**

Additional remedial hands-on experience in evaluation and treatment is directly supervised by the Communication Sciences and Disorders faculty in the Ladge Speech and Hearing Center. There is a seminar one per week to discuss clients and clinical procedures.

*Prerequisite of SPE 632 is required.*

*Credits: 1 to 3*

*On Demand*

### **SPE 631 Clinical Practicum in Speech Language Pathology IV - Adults**

This course is a continuation of the practicum work in Speech 628 with an emphasis on clinical practicum in speech pathology under the supervision of licensed and certified supervisors at off campus centers that provide speech-language and related services for adults. There is a weekly seminar that accompanies the adult practicum experience. Practicum is a minimum of three days per week for the semester.

*Prerequisite of SPE 625, 628, 633 and 685 or 691 are required.*

*Credits: 3*

*Every Fall, Spring and Summer*

### **SPE 632 Practicum in a School Setting**

This practicum is designed to partially fulfill requirements for teacher certification. The student becomes familiar with all aspects of the administration of speech/language services in a school and gradually assumes responsibility for

caseload management. The practicum is a minimum of three days per week and there is a seminar once per week accompanying the practicum experience.

*Prerequisite of SPE 628, 633 is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

### **SPE 633 Diagnostic Procedures in Speech-Language Pathology**

This course introduces assessment models for communication disorders. Formal and informal assessment procedures are presented. Report writing including formulation of diagnostic impressions, and development of recommendations are taught through a combination of lecture, observation and participation in diagnostic sessions. Cultural perspectives related to diagnostic principles and procedures including interviewing and testing, are stressed.

*Prerequisite of SPE 685, 687, 689 is required.*

*Credits: 3*

*Every Fall and Summer*

### **SPE 634 P A S S: Practical Applications for School Speech-Language Pathologists**

This course is an innovative practical and pragmatic course for graduate speech-language pathology students (SLP) preparing for work in schools. This course covers the following from a practical application perspective: making service delivery models work, collaboration, the ABCs of IEPs, parents as communication partners, preparing an in-service workshop for teachers and/or parents, legal landmarks for the SLP, working with the hearing impaired, working within the political framework of the school, and more. The diversity of students and challenges for the speech-language pathologist in schools are constantly changing. This course seeks to prepare school based SLPs to meet these challenges with practical applications that can be immediately applied to the administration of speech-language services in schools.

Note: See EDU 703 (graduate) under Curriculum and Instruction, School of Education.

*Credits: 3*

*On Occasion*

### **SPE 680 Swallowing Disorders in Children and Adults for the Speech-Language Pathologist**

This course presents the anatomy and physiology of normal and disordered oral feeding and swallowing, in infants, preschool, and school aged children as well as adults. Emphasis is on medical, cognitive and behavioral issues related to the etiology, diagnosis and treatment of dysphagia. Topics will include evaluation and treatment of oral feeding and swallowing disorders in the home, medical setting, and the classroom. Methods of technological assessment including modified barium swallow studies, flexible endoscopic evaluation of swallowing will also be presented.

*Prerequisite of SPE 601, 685 is required.*

*Credits: 3*

*Every Summer*

### **SPE 681 Language Disorders in Severe Developmental Disabilities and Autism**

This course presents graduate students in special education and speech language pathology with the neurological, cognitive and communicative characteristics of people with developmental disabilities and/or autism. The course also addresses social and emotional aspects of language development across the life span. Both traditional and topical methods of intervention will be discussed and contrasted in class discussions. Class participants will be encouraged to share and discuss their work and/or personal experiences as they pertain to course content during the term. Case presentations will that include principles and practices relevant to identification, diagnosis and treatment procedures, as they relate to autism spectrum disorders and other developmental disabilities, will be discussed as consistent with ASHA guidelines.

*Credits: 3*

*Cross-Listings: SPE 681, SPE 681*

*Every Spring*

### **SPE 682 Voice Disorders**

This course serves to introduce the various aspects of normal and pathological voices. The structural, physiological, psychological, and cultural factors that may result in various forms of voice disorders will be discussed. Specifically, the following areas will be included: (1) review of anatomy and physiology of structures involved in voice production; (2) pathophysiology of disordered voice in association with the larynx and vocal tract; (3) diagnosis and treatment methods for disorders associated with the larynx and vocal tract; and (4) speech rehabilitation, after laryngectomy. Upon completion of the course, the students are expected to develop problem-solving skills in diagnosing and treating voice disorders.

*Credits: 3*

*Every Fall*

### **SPE 683 Craniofacial Anomalies and Related Disorders of Speech**

The course aims at learning the effects of craniofacial anomalies on speech development. Particularly, how clefts of the lip and/or palate affect speech production is examined in relation to resonance and velopharyngeal functioning. Focus is on the interdisciplinary team model for speech assessment and treatment. Possible feeding problems in this population are also discussed. Upon completion of the course, the student should be able to: (1) Demonstrate a functional knowledge of the embryological development of the craniofacial area; (2) Identify the various structures of the craniofacial area that are directly involved in speech production and swallowing; (3) Identify major causes of craniofacial anomalies, including major syndromes, sequences and associations; (4)

Identify and discuss specific techniques used in the evaluation and treatment of speech, resonance and velopharyngeal dysfunction associated with craniofacial anomalies; and (5) Evaluate resonance problem by using nasometer. In addition, the course provides sufficient information to the students to do well on the National Examinations in Speech-Language Pathology and Audiology.

*Credits: 3*

*On Occasion*

### **SPE 684 Stuttering**

The course covers the major theories and research on the etiology and development of stuttering. Study of diagnostic and therapeutic principles and procedures for children and adults are stressed. At the end of this course students will 1) be able to differentiate normal disfluencies from stuttering; 2) understand the role of emotions in stuttering; 3) understand the difference in stuttering modification and fluency shaping techniques.

*Prerequisite or Co-requisite of SPE 601 is required.*

*Credits: 3*

*Every Fall and Spring*

### **SPE 685 Aphasia and Related Disorders**

This course presents the physical, theoretical and etiological considerations pertaining to aphasia and related disorders, including dysarthria and cognitive impairments. Diagnostic and therapeutic approaches are studied.

*Prerequisite of SPE 601 is required.*

*Credits: 3*

*Every Spring*

### **SPE 687 Phonological and Articulation Disorders in Children**

This course presents the graduate student in speech-language pathology with current concepts concerning the nature of normal articulation and phonological development and articulation and phonological disorders. Assessment procedures for detecting articulatory and phonological impairments, motor speech disorders, and treatment procedures for remediating these impairments are covered. Case discussions will be presented that high-light principles and practices relevant to diagnostic and treatment of articulatory, phonological and oral-motor disorders, consistent with ASHA guidelines.

*Co-requisite of SPE 601 or 610 is required.*

*Credits: 3*

*Every Fall and Spring*

### **SPE 689 Language Disorders in Children and Adolescents**

Typical acquisition of language is reviewed as a baseline for identifying language and learning disorders and delays. Characteristic features of speech and language in the language disordered child will be covered. Assessment procedures, including standardized tests and language sample analysis, will be emphasized. Strategies of intervention and implementation of functional evidence-based therapy programs will be discussed.

*Prerequisite or Co-requisite of SPE 601 is required.*

*Credits: 3*

*Every Fall and Spring*

**SPE 690 School-Based Language Intervention for the Speech-Language Pathologist**

This course will enable graduate students in speech-language pathology (SLP) to apply the fundamentals learned regarding normal and disordered processes of speech, language, and hearing to the classroom setting. SLP students will be challenged to question more traditional school-based clinical practices, such as relying on intervention conducted in separate settings (e.g., "pull-out" therapy), in light of an increased call for collaboration between regular and special educators and SLPs in the classroom. They will learn to serve the communicative needs of their clients through curriculum-based assessment and intervention. Case discussions will be presented that include principles and practices relevant to diagnostic and treatment procedures as they relate to language learning disabilities and related language disorders encountered in the school setting, consistent with ASHA guidelines.

*Credits: 3*

*Every Fall and Spring*

**SPE 691 Motor Speech Disorders in Children and Adults**

This course will familiarize the graduate student with speech-language pathology with current concepts concerning the neurological nature of verbal speech production and the effect that congenital and acquired neurologic disorders have on motor planning, neuromuscular control and execution of speech. Assessment procedures for detecting the various motor speech disorders, including dysarthria and apraxia of speech will be reviewed. Management procedures for remediating these impairments in adults and children will be presented. Diagnostic and treatment principles and practices related to the control of respiratory, phonatory, resonatory, articulatory and prosodic aspects of speech production will be applied through case presentations.

*Credits: 3*

*Every Spring*

**SPE 692 Aural Rehabilitation**

This course provides the graduate student in speech pathology with a broad understanding of the principle theories and methodologies currently applied in aural rehabilitation of hearing impaired persons. The hearing aid as an instrument of rehabilitation is described as well as other assistive listening devices. Also included are techniques of speech reading and auditory training.

*Credits: 3*

*Every Spring*

**SPE 694 Communication-Based Intervention for Infants and Toddlers**

This course involves students in a critical study of recent trends in the diagnosis and treatment of infants and toddlers, birth through age three, who

are at risk for or present with speech and/or language delays and disorders. Special attention is given to developmental approaches and mainstreaming.

*Prerequisite of 601, 610, 689 is required.*

*Credits: 3*

*Every Summer*

**SPE 695 Mgt Of Hearing Loss In Children**

This course is designed as an introduction to the process of audiologic rehabilitation for children with hearing loss. Students will be provided with information necessary to identify the need for rehabilitation services and suggestions for program implementation

*Credits: 3*

*On Occasion*

**SPE 700 Independent Study in Speech-Language Pathology**

Permission to take this course is based on particular criteria: 1) merit of proposed study; 2) maturity of student; i.e., ability to complete such a study.

Permission to take this independent course necessitates the signature of the faculty member conducting the study and the department chair. The faculty member directing the project must be qualified in the area designated by the student. The choice of faculty member (with the previous stipulation) is made by the student.

*Credits: 1 to 3*

*On Demand*

**SPE 707 Research Problems in Speech-Language Pathology**

This course provides an understanding of research design and data analysis. Developing skills for critical evaluation of scientific publications is stressed. An appreciation for the benefits and pitfalls of research is fostered by the development and execution of a research project culminating in a formal presentation of findings.

*Prerequisite of SPE 601 & 689 is required.*

*Credits: 3*

*Every Fall and Spring*

**SPE 708 Thesis Seminar**

This course is a capstone option for graduate students. It covers the preparation of the thesis. The completed thesis must be approved by a committee, and the writer must undergo an oral examination. Enrollment is restricted to students whose projects have been approved by the department faculty. This course may replace the comprehensive examination.

*Credits: 3*

*On Demand*

## DEPARTMENT OF COMPUTER SCIENCE AND MANAGEMENT ENGINEERING

Phone: 516-299-2293

Fax: 516-299-3418

Chair: Susan Fife Dorchak

Senior Professor: White

Professor: Dorchak

Associate Professors: Heim, Malinowski,  
Rozenshtein

Visiting Professors (2011): Williams, Scovetta

Adjunct Faculty: 6

The Department of Computer Science and Management Engineering offers three programs leading to the Master of Science degree. The Management Engineering Program provides students with relevant skills and knowledge for practical technical management, specifically engineering and project management. The Information Technology Education Program prepares students to train and support various levels of users of computer-based technology. The Information Systems Program prepares students to analyze, develop and manage complex information systems in an enterprise environment.

Our programs are designed for the working professional. All courses are taught in the evenings or on the weekends to accommodate the majority of students who hold full-time jobs. Graduate classes are small (average size is 15), which enables our students to get to know each other and to work together as they go through their programs of study.

### M.S. in Management Engineering

The primary objective of this program is to provide students with the knowledge and skills required to be effective leaders in multidisciplinary project teams. The 36-credit Master of Science in Management Engineering program is appropriate for engineers and other technical professionals who are interested in developing the skills and knowledge base necessary to be effective project managers.

This is a flexible program in that students can combine the required courses with a variety of elective courses best suited to advance their own careers and to make them more valuable to the organization in which they are employed.

#### ADMISSION REQUIREMENTS

Applicants to the M.S. in Management Engineering must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or

universities you have attended.

- Applicants must have achieved at least a 2.5 grade point average or equivalent in an accredited bachelor's program that develops quantitative reasoning and scientific methodology. In general, most applicants will have completed undergraduate work in fields such as computer science, mathematics, the physical sciences, quantitative management or engineering at approved institutions qualify for admission. It is also suggested that the student have practical experience in engineering or a related technical field.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

### M.S. in Management Engineering Major Requirements

#### Required Management Engineering Courses

MGE	501	Engineering Economic Analysis I	3.00
MGE	521	Project Management Principles	3.00
MGE	523	Quality and Process Improvement	3.00
MGE	525	Communications Management	3.00
MGE	611	Engineering Cost Analysis	3.00
MGE	621	Project Planning and Control	3.00
MGE	627	Project Risk Management	3.00
MGE	629	Human Resource Management & Administration	3.00
MGE	633	Systems Engineering	3.00
MGE	707	Management Engineering Thesis	3.00

### Required Management Engineering Capstone Courses

#### Management Engineering Thesis

MGE	709	Management Engineering Thesis	3.00
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#### Project Management Practicum

MGE	695	Project Management Practicum	3.00
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### M.S. in Information Systems

The 36-credit Master of Science in Information Systems focuses on the integration of technology, people and strategy. It is designed to provide students with the knowledge and skills to develop and manage sophisticated information systems, as well as managing the people and processes involved in systems development. At the heart of the degree is the integration of technology into the business process. The knowledge and skills you will acquire in this program will open career options in a wide range of fields and locations.

The program gives students the fundamental knowledge and skills that are required at the project management level within the enterprise, including the technical foundations of information systems and the skills required to manage resources and to lead people. Throughout the program, courses are taught in a way that will enable you to learn to integrate all components of information system technology (hardware and software), people and business strategy into an efficient and effective resource that helps an organization fulfill its unique mission within the economy and society.

The program is well suited to those who want to change careers and/or gain marketable skills in a world that is becoming increasingly more reliant on the computerized collection, processing, distribution and accessibility of information.

#### ADMISSION REQUIREMENTS

Applicants to the M.S. in Information Systems must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants are required to have a baccalaureate degree with a minimum cumulative grade point average of 3.0 or equivalent. To enter the program as a full matriculant, the student must have majored in either Computer Science or Information Systems or have equivalent professional experience. Any applicant who lacks this required background will be admitted to the program on a conditional or limited matriculated basis until he or she completes the necessary **pre-core courses** described below. See "Conditional Admittance." Two professional and/or academic letters of

recommendation that address the applicant's potential in the profession and ability to complete a graduate program.

- Personal Statement (500 to 1,000 words) that describes your reason for pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: **79 Internet-based** (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

**Conditional Admittance**

All applicants to the graduate Information Systems program must meet the criteria listed in the **Admission Requirements** section. Any applicant who lacks this required background will be admitted to the program on a conditional or a limited matriculated basis until he or she completes the necessary pre-core courses described below.

**Pre-Core Courses**

*(Required for individuals who have insufficient academic background to begin the master's program.)*

The pre-core courses can be completed in one year or less and they prepare a student to take the courses required for the graduate information systems program.

**Course (18 credits)**

CS 502 Computers and Programming (3)

CS 504 Intermediate Programming (3)

CS 506 Networking Systems Fundamentals (3)

CS 508 Computer Systems and Architecture (3)

CS 540 Database Fundamentals (3)

CS 554 Information Systems Development (3)

**M.S. in Information Systems**

**Requirements**

Students are expected to have a minimum undergraduate G.P.A. of 3.0 and undergraduate coursework in the following areas: object-oriented programming, database, networks, operating systems, and systems analysis and design.

**Required Information Systems Courses**

CS	602	Database Implementation and Administration	3.00
CS	614	Information Systems Analysis	3.00
CS	616	Information Systems Design and Implementation	3.00
CS	622	Management and Economics of Information Systems	3.00

CS	624	Communicating and Documenting Information Systems	3.00
CS	634	Computer Networks and Information Systems	3.00
CS	636	Enterprise Networks	3.00
CS	650	Human Computer Interaction	3.00
CS	706	IS/ITThesis Research	3.00
CS	710	Information Systems Project Management	3.00

**Required Information Systems Capstone**

**Courses**

**Information Systems Practicum**

CS	694	Information Systems Practicum	3.00
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**Thesis Course**

CS	708	IS/ITE Thesis Writing	3.00
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**M.S. in Information Technology Education**

**M.S. in Information Technology**

**Education Requirements**

**Required Information Technology Education**

**Courses**

CS	502	Computers and Programming	3.00
CS	504	Intermediate Programming	3.00
CS	506	Networking Systems Fundamentals	3.00
CS	508	Computer Systems and Architecture	3.00
CS	540	Database Fundamentals	3.00
CS	554	Information Systems Development	3.00
CS	580	Methods and Tools for Technical Training	3.00

**One of the following:**

CS	590	Computer User Support	3.00
CS	624	Communicating and Documenting Information Systems	3.00

**Elective Information Technology Education**

**Courses**

Any two courses in graduate Computer Science (CS), Management Engineering (MGE) or Telecommunications (TEL)

**Required Information Technology Education**

**Capstone Courses**

CS	706	IS/ITThesis Research	3.00
CS	708	IS/ITE Thesis Writing	3.00

## Computer Science and Management Engineering Courses

### CS 502 Computers and Programming

This course introduces the computer and computer programming. Using a current high-level language, emphasis is placed on the application of software engineering principles to the programming process. Topics also include problem definition, algorithmic solutions, computer system structure, program structure and elementary data types. This course cannot be applied for credit in the M.S. Information Systems program.

Computer Usage Fee

*Credits: 3*

*Every Fall*

### CS 504 Intermediate Programming

This course has an additional fee. This course applies and extends the programming concepts of CSC 502. The student will design and build programs of increased complexity and size. Topics include the software development life cycle; foundations of data structures and algorithms; abstract data types, inheritance, overloading and polymorphism, use of libraries and the development of reusable code, and unit and integration testing.

Note: This course cannot be applied for credit in the M.S. in Information Systems program.

Computer Usage Fee

*Prerequisite of CS 502 or equivalent is required.*

*Credits: 3*

*Every Spring*

### CS 506 Networking Systems Fundamentals

This is a foundation course in networks and the multiple systems they connect. This course presents an overview of data communications by covering signals and their transmission and the hardware and protocols needed to create a network using these signals. An overview of what a network is and its various possibilities (WANs, MANs, LANs, Intranets and Extranets) are discussed.

Note: This course cannot be applied for credit in the M.S. in Information Systems program.

Computer Usage Fee

*Co-requisite of CS 502 or equivalent is required.*

*Credits: 3*

*Every Spring*

### CS 508 Computer Systems and Architecture

This course facilitates an understanding of the organization and architecture of computer systems. Topics include operating systems (OS) fundamentals and the relationship between computer architecture and systems software. The student will develop an understanding of the "user view" of operating systems, including a variety of OS user interfaces.

*Prerequisite of CS 502 or equivalent is required.*

*Credits: 3*

*Every Spring*

### CS 512 C Programming and Its Application

This course introduces the student to the C programming language and its application in the industrial programming environment. Topics cover both the syntax and the semantics of the language, advantages and the pitfall of C and future trends. Examples are provided from several application areas.

Computer usage fee

*Prerequisite of CS 504 or equivalent is required.*

*Credits: 3*

*On Occasion*

### CS 540 Database Fundamentals

This course covers fundamentals of modern database design and use. Specific topics include the transformation of system analysis products to entity relationship modeling, relational database design, introduction to normalization, SQL and an overview of implementation and administration issues. Note: This course cannot be applied for credit in the M.S. in Information Systems program.

Computer Usage Fee

*Prerequisite of CS 504 or equivalent is required.*

*Credits: 3*

*Every Spring*

### CS 552 Advanced Data Structures and Algorithms

This course develops the student's ability to write and analyze programs through exposure to problems and their algorithmic solution. Topics include combinations, integer arithmetic, real arithmetic, polynomial arithmetic, random numbers, matrix operations, systems programming, artificial intelligence and domain independent techniques.

Computer usage fee

*Prerequisite of CS 504 or equivalent is required.*

*Credits: 3*

*On Occasion*

### CS 554 Information Systems Development

This course presents an overview of the life cycle for information systems development. Topics include: information systems components (people, data, technology and procedures), project life cycles, requirements analysis, modeling methodologies, logical and physical design, implementation considerations, systems quality and testing, systems maintenance, and project organization and management.

Note: This course cannot be applied for credit in the M.S. in Information Systems program.

*Co-requisite of CS 502 or equivalent is required.*

*Credits: 3*

*Every Fall*

### CS 556 Programming Languages

The central goal of this course is to bring together the various facets of language design and implementation within a single conceptual framework. The topics to be discussed in this

course encompass the concepts in a variety of languages to allow the relationships among variants of the same concept to be clearly seen. The core of the course is to develop essential concepts in the areas of data representation, operations on data structures and program structures. Specific programming languages are chosen for analysis according to two major criteria: widespread use and diversity of concept.

Computer Usage Fee

*Prerequisite of CS 504 or equivalent is required.*

*Credits: 3*

*On Occasion*

### CS 558 Advanced Operating Systems and Computer Architecture

This course continues the development of the material in CSC 508 with an emphasis on intra-system communications. The course includes a discussion of I/O and interrupt structure, addressing schemes and memory management. Topics include concurrent processes, name management, resource allocation, protection and advanced concepts.

Computer Usage Fee

*Prerequisites of CS 504 and CS 508 are required.*

*Credits: 3*

*On Occasion*

### CS 580 Methods and Tools for Technical Training

This course addresses the analysis, design and implementation issues for the development of technical courses. The course objective is to teach students how to create and present quality technical training. Method topics include: training needs assessment, learning objective identification, lesson planning, performance and course evaluation, and alternative pedagogies. The course also covers the tools used by the trainer for presenting information and introduces students to the authoring tools used to develop computer training courseware.

*Prerequisite of CS 504, 506, 508 is required.*

*Credits: 3*

*On Occasion*

### CS 590 Computer User Support

This course introduces a wide range of issues in the computer user support field. Topics include: customer service skills, computer problem troubleshooting, help desk operation, product evaluation, user needs analysis and assessment, user reference and help materials and end-user system installation.

*Prerequisite of CS 506 & 508 is required.*

*Credits: 3*

*On Occasion*

### CS 600 Database Design

This course presents advanced issues and concepts of logical database design. Topics include data modeling and logical design and refinement, modeling tools, business rules and information needs determination and analysis.

*Prerequisites of CS 624 & CS 602 are required.*

*Credits: 3*

*Every Spring*



**CS 602 Database Implementation and Administration**

This course emphasizes the concepts and techniques involved with ensuring the integrity and operation of databases. Topics include: transactional integrity; concurrency control; back-up, disaster planning and recovery; security and authorization; performance analysis, tuning and troubleshooting; ODBC and other access strategies; and query tools and application generators.

Computer Usage Fee

*Prerequisite of CS 600 is required.*

*Credits: 3*

*Every Fall*

**CS 604 Software Engineering with Ada**

This course explores the development of technically oriented systems using Ada as both a design and implementation language. Topics include: packaging, tasking of concurrent processes and real time programming systems.

Computer Usage Fee

*Prerequisite of CS 504 & 554 is required.*

*Credits: 3*

*On Occasion*

**CS 608 Introduction to Knowledge Engineering**

Topics covered in this course include concepts of Artificial Intelligence, rule based systems, inference engines, knowledge bases, user interfaces, methods for knowledge representation and applications to expert system development.

Computer Usage Fee

*Prerequisite of CS 504 or equivalent is required.*

*Credits: 3*

*On Occasion*

**CS 610 Application of Formal Methods**

This course provides an introduction to the theory of automata and formal languages and applications to program testing, formal verification and correctness. Topics include languages and grammars, finite automata, regular expressions, algorithm complexity and decidability.

*Prerequisite of CS 552 is required.*

*Credits: 3*

*On Occasion*

**CS 612 Compiler Design and Implementation**

This course introduces students to methods for constructing compilers. Topics include parsing methods, lexical analysis, symbol table construction, intermediate code generation and code optimization.

Computer usage fee

*Prerequisite of CS 610 is required.*

*Credits: 3*

*On Occasion*

**CS 614 Information Systems Analysis**

This course presents an in-depth look at information systems analysis within the context of a current modeling methodology. Topics include information gathering, analysis techniques, systems

modeling, problem definition, alternatives generation and evaluation and formal specification composition.

*Prerequisite of CS 616 is required.*

*Credits: 3*

*Every Fall*

**CS 616 Information Systems Design and Implementation**

This course presents the tools and techniques used to design, implement, test and maintain information systems. Topics include translation of requirements specifications into logical and physical design models, human-computer interaction, reduction of design complexity, integration of system and data models, evaluation of design quality, black box and white box testing, information systems maintenance and software quality assurance.

Computer Usage Fee

*Prerequisite of CS 554 is required.*

*Credits: 3*

*Every Fall*

**CS 620 Administration of Information Systems Personnel**

This course introduces information systems concepts in organizations. Topics include relating systems and information to the organization, administration of the information systems function, selection and development of information systems executive in the organization, computer center administration and the ramifications of individual and group behavior on information systems administration.

*Prerequisite of CS 554 is required.*

*Credits: 3*

*On Occasion*

**CS 622 Management and Economics of Information Systems**

This course deals with the management and economics of the information systems process and product. Topics include planning an organizational information system, management of information and application systems development, development of strategies, application software "make" or buy decisions and planning to accommodate change.

*Prerequisite of the IS pre-core courses are required (CS 502, 504, 506, 508, 540 and 554)..*

*Credits: 3*

*Every Spring*

**CS 624 Communicating and Documenting Information Systems**

This writing-intensive course pulls together the technical and organizational aspects of information systems. Documentation of the process and product of information systems development is stressed, including such areas as analysis and design specifications, conformation correspondence, RFP responses, walkthroughs and technical reviews, documentation standards, manuals and the role of documentation in the system quality function.

Interpersonal communication is examined as it relates to the information systems development process.

*Prerequisite of the IS pre-core courses are required (CS 502, 504, 506, 508, 540 and 554)..*

*Credits: 3*

*Every Spring*

**CS 630 Database Management Systems Internals**

This course presents a technical view of the internal workings of database management systems. It begins with a review of mass storage technology and sequential and indexed-sequential file organizations. It then goes on to explore sorting, indexed files, B and B+ tree indices, dynamic hashing, concurrency and its control, two-phase locking protocol, database backup and recovery, commit protocols and an introduction to distributed databases.

Computer usage fee

*Prerequisite of CS 602 is required.*

*Credits: 3*

*On Occasion*

**CS 632 Theoretical Foundations of Information Systems**

This course explores the theoretical foundations of information systems topics, including set theory and formal data query languages such as relational algebra and relational calculus. Other concepts covered include normalization theory, functional dependencies, Armstrong deductive system, soundness and completeness of deductive systems, information preserving decompositions and normal forms.

Computer usage fee

*Prerequisite of CS 602 is required.*

*Credits: 3*

*On Occasion*

**CS 634 Computer Networks and Information Systems**

This course discusses the role of computer networks within enterprise-wide information systems. Topics include network specifications, protocols used in various types of computer based networks from centralized mainframe to distributed client/server, comparison of different topologies and arrangements and evaluation of telecommunications equipment.

*Prerequisite of the IS pre-core courses are required (CS 502, 504, 506, 508, 540 and 554)..*

*Credits: 3*

*Every Fall*

**CS 636 Enterprise Networks**

This course emphasizes the administrative concerns of the enterprise networks. Topics include creation of networks under different conditions, maintenance and management of the networks created and the effect these networks have on the enterprise's information system.

Computer Usage Fee

*Prerequisite of CS 634 is required.*

*Credits: 3*

Every Spring

**CS 640 Computer Simulation**

In this course, computer simulation techniques are used in the solution of system problems. Topics include: techniques for generating pseudo-random numbers and applicable statistical testing procedures, the formulation of a model for computer simulation solution, data-gathering, parameter estimation, design of simulation experiments, variance reduction techniques, validation and analysis of simulation results.

Computer usage fee

*Prerequisite of CS 552 is required.*

*Credits: 3*

*On Occasion*

**CS 644 System Performance Evaluation**

Techniques for system analysis and program performance measurement are presented. Topics include: levels and types of system simulations, performance prediction and monitoring, and modeling of concurrent processes and the resources they share.

Computer usage fee

*Prerequisite of CS 558 & 554 is required.*

*Credits: 3*

*On Occasion*

**CS 648 Computer Science Mathematics**

This course surveys mathematical methods applied to computer science. Algorithms and special language structures of mathematical problems are analyzed.

*Prerequisite of CS 552 is required.*

*Credits: 3*

*On Occasion*

**CS 650 Human Computer Interaction**

This course provides an overview of Human-Computer Interface (HCI) design. HCI paradigms are examined in relation to the historical evolution of hardware and software. Topics include: techniques facilitating effective human-computer interaction; design principles, guidelines and methodologies for interactive systems that optimize user productivity, design issues such as user help facilities and error information handling; and strategies for evaluating human-computer interfaces. Application of techniques and principles using prototyping will be examined.

*Prerequisite of the IS pre-core courses are required (CS 502, 504, 506, 508, 540 and 554).*

*Credits: 3*

*Every Spring*

**CS 670 E-Commerce**

This course emphasizes recent technologies for Web design and development as they are applied to E-Commerce on the Internet. Areas covered include: relationship management with the consumer, personalization and membership using Site Server and Commerce Server, LDAP, push and pull technology, multicasting and personalized mail.

*Prerequisite of IS pre-core courses and CS 600 are*

*required.*

*Credits: 3*

*On Occasion*

**CS 690 Special Topics in IS/ITE**

The specific contents of these courses may vary each time they are offered. They reflect current research and practice in advanced areas. Topics and prerequisites are announced before the registration period begins.

Note: students are permitted to repeat these courses for additional credit provided that content is different.

*Credits: 3*

*On Occasion*

**CS 692 Special Topics in IS/ITE**

The specific contents of these courses may vary each time they are offered. They reflect current research and practice in advanced areas. Topics and prerequisites are announced before the registration period begins.

Note: students are permitted to repeat these courses for additional credit provided that content is different.

*Credits: 3*

*On Occasion*

**CS 694 Information Systems Practicum**

This course is a capstone course that applies and integrates the content of the entire program. Stress is on the analysis, design and development of dependable and secure systems. Students will relate their solutions to industry and academic literature.

*Credits: 3*

*Every Spring*

**CS 700 IS/ITE Project**

This course is for students who wish to undertake an approved software project including design, implementation and documentation. The project is under the guidance of an advisor, and the topic must be approved jointly by the advisor, the graduate director and the department chair.

*Credits: 1 to 3*

*On Occasion*

**CS 706 IS/ITE Thesis Research**

The student researches and prepares for the master's thesis. Topics include critical evaluation of literature, problem statement formulation, literature review synthesis, research methods, and research writing requirements (content and format). The student must achieve a grade of B or better to move on to the Thesis Writing Course CS 708.

*Credits: 3*

*Every Semester*

**CS 708 IS/ITE Thesis Writing**

The student is responsible for preparing a completed master's thesis under the guidance of an advisor assigned by the department. A grade of B or better in the Thesis Research course CS 706 is required along with a completed literature review of the thesis problem. The completed thesis, usually

following the five-chapter model is defended before a department faculty committee. A grade of B or better is required to pass the master's degree milestone requirement.

*Credits: 3*

*Every Semester*

**CS 710 Information Systems Project Management**

This course presents a detailed study of the integration of the qualitative and quantitative elements of information systems while applying project management techniques. Students work through and manage a complete project from conception through the various deliverables to termination. Stress is on the practical tools and application of problem definition, work breakdown structure, planning and scheduling, meeting quality specifications, project review and evaluation techniques and scope and risk management.

*Prerequisite or corequisite of CS 706 is required.*

*Credits: 3*

*Every Fall*

**MGE 501 Engineering Economic Analysis I**

This course discusses the development of quantitative foundations upon which engineering decisions are based. Topics include: engineering economic analysis, developing and evaluating cost effective programs, introduction to statistical decision-making and hypothesis testing. Systems are carried through to the preparation of financial statements as they relate to the technical project.

*Credits: 3*

*Every Spring*

**MGE 505 Engineering Probability and Statistics**

Topics covered in this course include development of the logical probabilistic foundations upon which quantitative management engineering is based, development of the fundamentals of probability theory, commonly used probability distributions and set notation, introduction to statistical decision theory, sampling methods and hypothesis-testing.

*Credits: 3*

*On Occasion*

**MGE 509 Cost Fundamentals**

This course represents the fundamentals of industrial cost systems from a management engineering view including data sources, collection and recording; cost analysis and prediction; allocation of indirect and joint costs; and the preparation and use of budgets. Job order, process and standard cost systems are investigated. The systems are carried through to the preparation of financial statements.

*Credits: 3*

*On Occasion*

**MGE 521 Project Management Principles**

This course presents an overview of the basic principles of project management: planning, definition of work requirements, quality and quantity of work, definition of needed resources, progress tracking, comparison of actual to predicted

outcomes, analysis of impacts and change management. Appropriate productivity software will be introduced.

*Credits: 3*

*Every Fall*

#### **MGE 523 Quality and Process Improvement**

This course addresses the identification, documentation and evaluation of the Project Management process, the metrics involved in that process and a discussion of various models of quality management. Emphasis will be on the integration of process and product improvement.

*Co-requisite of MGE 521 is required.*

*Credits: 3*

*Every Fall*

#### **MGE 525 Communications Management**

This course examines the people side of the interdisciplinary project team: leadership; hiring, training, and evaluating of personnel; and technical communications within the project team, with the organization's managers, outside vendors, suppliers, and other project stakeholders.

*Co-requisite of MGE 521 is required.*

*Credits: 3*

*Every Spring*

#### **MGE 541 Marketing in the Technical Environment**

This presentation of management techniques for marketing technical products and engineering services covers topics which include: the marketing system, strategic marketing, market opportunity analysis, market planning, product strategy formulation, the marketing mix, the marketing organization, marketing research, marketing information systems and sales force decisions.

*Credits: 3*

*On Occasion*

#### **MGE 591 Policy for the Management of Technical Firms**

This course examines policy setting and managerial decision-making and practices in technical firms by means of case studies and student role-playing. Emphasis is on state-of-the-art techniques for such decision-making.

*Credits: 3*

*On Occasion*

#### **MGE 593 Systems Methodology for Management Engineering**

This integrating course for management engineering emphasizes the set of systems-based methods used to define and intervene in technical problem and opportunity situations. Topics include: comparison of hard and soft systems thinking, practical applications using case studies, and principles of creative thinking used to develop research and development strategies.

*Prerequisite of MGE 521, 523, 525 is required.*

*Credits: 3*

*On Occasion*

#### **MGE 601 Engineering Economic Analysis II**

Quantitative methods and economic logic are interwoven to establish decision-making patterns for the industrial firm. Among the practical and analytical risk and uncertainty, forces of demand and pricing structures, problems of capital budgeting and engineering economic analysis, and cost-effectiveness studies.

*Prerequisite of MGE 501 is required.*

*Credits: 3*

*On Occasion*

#### **MGE 605 Engineering Statistics and Applications**

This course discusses the application of probability and statistical decision theory to the solution of management engineering problems. Topics include the uses and functions of random variables, probability distributions, point and interval estimation, hypothesis testing, regression, and techniques in the use of statistical decision theory for problem solving.

*Credits: 3*

*On Occasion*

#### **MGE 611 Engineering Cost Analysis**

This course explores the use of the basic cost system in constructing cost estimates and in reporting and controlling costs and the effect of cost studies on managerial decisions. Advanced topics in cost systems include: approaches to allocation, cost variance analysis, cost-volume profit relationships, responsibility accounting and management control, sales and production mix, capital budgeting, profit planning and applications of quantitative management science techniques.

*Prerequisite of MGE 501 is required.*

*Credits: 3*

*Every Fall*

#### **MGE 617 Management of R & D**

This intermediate course applies principles of technical management to the particular problems of research and development. Discussion covers such areas as manager-engineer/scientist and engineer/scientist-technician relations, interdepartmental problems, planning and scheduling R&D, contract administration and the creative environment.

*Prerequisite of MGE 521 OR CS 620 is required.*

*Credits: 3*

*On Occasion*

#### **MGE 621 Project Planning and Control**

This course centers around the processes and procedures involved in planning a project (e.g., scope management, statement of work, requirements specification, work breakdown structure, allocation to sub-contractors, scheduling); managing the trade-offs involved in terms of cost, time and performance; monitoring the project's progress in terms of both scheduling and cost; and managing the changes that take place at various stages of the project life cycle. Appropriate productivity software will be introduced.

*Prerequisite of MGE 521 is required.*

*Credits: 3*

*Every Fall*

#### **MGE 623 Configuration Management**

Configuration management procedures and methods are studied for the establishment of technical documentation covering configuration identification, control and accounting for a complex weapons system or systems of other contract end items (CeI's). The study extends from the conceptual phase through the contract definition and acquisition/operation phases of the life cycle of a system.

*Credits: 3*

*On Occasion*

#### **MGE 625 Patents and Engineering Law**

Topics covered in this course are patentability; applications for patents infringement; litigations; procedures before the courts; various type of patents including utility patents, reissue, patents, design patents, and plant patents; ancillary matters including employment contracts, assignments, licenses, confidential relationships, trade secrets and antitrust; comparative foreign patent law; and an introduction to trademarks and copyright.

*Credits: 3*

*On Occasion*

#### **MGE 627 Project Risk Management**

This course explains how to identify, analyze, mitigate and monitor the various risks involved in any project. The different categories of risks associated with a project (technical, performance, scope, schedule, cost) will be examined. Also discussed are the particular risks involved in procurement and sub-contracting. Appropriate productivity software will be introduced.

*Prerequisite of MGE 621 is required.*

*Credits: 3*

*Every Spring*

#### **MGE 629 Human Resource Management & Administration**

This course examines the people side of the interdisciplinary project team. Topics include: development of a project human resource plan, team building, hiring, firing, development, personnel evaluation and organizational behavior.

*Credits: 3*

*Every Spring*

#### **MGE 631 Human Factors In Engineering Design**

This course discusses systems engineering approaches to equate human capabilities to hardware for increasing the effective performance of man-machine systems. Topics include: the evaluation of visual and auditory information display, environmental effects, control and workplace design; and anthropometric data analysis for increasing operational effectiveness, accelerating training accomplishments, reducing accidents and increasing systems reliability.

*Credits: 3*

*On Occasion*

**MGE 633 Systems Engineering**

This course introduces the concepts of systems engineering, which are used to cope with the complexity of modern system development. The approach can be applied to a wide variety of developments from huge aerospace systems to mass-produced consumer electronics, pharmaceuticals and information systems. The course covers the following topics: systems engineering process, systems engineering management, user and system requirements, system architecture, system integration and test, the role of software in systems, prototyping, requirements tracking and dependability.

*Prerequisite of MGE 621 is required.*

*Credits: 3*

*Every Fall*

**MGE 635 Engineering Reliability and Maintainability**

The decision models of systems reliability and maintainability are developed. Engineering and managerial aspects of reliability programs are treated, including life testing, redundancy, trade-offs, systems design review and failure reporting. Discussions deal with reliability structures, hazard functions and Markov models.

*Credits: 3*

*On Occasion*

**MGE 651 Mathematical Programming**

This course explores the development of recursive optimization algorithms. Particular emphasis is given to the simplex algorithm used in linear programming (the optimization of a linear function subject to linear constraints). The "assignment" and "transportation" recursive procedures are also analyzed.

*Credits: 3*

*On Occasion*

**MGE 655 Operations Research I**

The application of the scientific method to organizations and systems is developed. Deterministic models are emphasized, particularly applications of programming algorithms both to software design and development as well as software utilization.

*Prerequisite of MGE 655 is required.*

*Credits: 3*

*On Occasion*

**MGE 659 Operations Research II**

This course is a continuation of Operations Research I covering stochastic models and their application to software development and to the operation of systems.

*Prerequisite of MGE 655 is required.*

*Credits: 3*

*On Occasion*

**MGE 665 Industrial Dynamics Systems Simulation**

This course covers design, construction and

computer simulation models. Models constructed represent structure, policies and decisions in such areas as production and inventory, research and engineering, personnel policies and capital expenditures. Employing industrial dynamics concepts, the interaction of feedback in a dynamic management systems is tested and studied over a wide spectrum of time cycles. Students construct, run and analyze elementary models of their own choice.

*Credits: 3*

*On Occasion*

**MGE 681 Industrial Engineering Control Systems**

This course analyzes the operating characteristics of production, quality assurance and inventory control systems. It includes development of numerical methods for controlling systems performance at the decision-making level and problems in quality control, station balancing, economic order quantity, periodic and order point inventory control under uncertainty, network schedules, production planning and control systems. Activities of industrial engineering as a management system are developed.

*Credits: 3*

*On Occasion*

**MGE 685 Industrial Engineering Methods**

This comprehensive course covers effective plant location and layout, material handling, development and application of work measurement, value engineering techniques, process charting, work sampling, line balancing, learning curve theory and principles of work simplification. The justification of capital expenditures and determination of manufacturing product costs are also treated.

*Credits: 3*

*On Occasion*

**MGE 687 Production and Inventory Analysis**

This is a quantitative approach to problems in inventory and production control. Inventory models for fixed order and fixed interval systems, both deterministic and probabilistic, are discussed; also, the techniques of modifying the models for special conditions are considered. Other topics include low demand and fixed demand problems, the interrelationship of inventory control, and an introduction to production scheduling models.

*Credits: 3*

*On Occasion*

**MGE 691 Special Topics in Management Engineering and Management Science**

The specific contents of these courses may vary each time they are offered. They reflect current research and practice in advanced areas. Topics and prerequisites are announced before the registration period begins.

Note: students are permitted to repeat these courses for additional credit provided that content is different.

*Credits: 3*

*On Occasion*

**MGE 693 Special Topics in Management Engineering and Management Science**

The specific contents of these courses may vary each time they are offered. They reflect current research and practice in advanced areas. Topics and prerequisites are announced before the registration period begins.

Note: students are permitted to repeat these courses for additional credit provided that content is different.

*Credits: 3*

*On Occasion*

**MGE 695 Project Management Practicum**

This course is a capstone course that applies and integrates theory and implementation of qualitative and quantitative elements of project management. Stress is on the practical tools and application of planning, budgeting, staffing, scheduling, and operations research involved in complex engineering programs and projects.

*Prerequisite or corequisite of MGE 707 is required.*

*Credits: 3*

*Every Spring*

**MGE 701 Management Engineering Projects**

This course is for students who wish to work on an approved project in management engineering and prepare a paper suitable for publication in a professional journal. Arrangements are made with the department chairperson.

*Credits: 3*

*On Occasion*

**MGE 707 Management Engineering Thesis**

The student researches and prepares for the master's thesis. Topics include critical evaluation of literature, problem statement formulation, literature review synthesis, research methods, and research writing requirements (content and format). The student must achieve a grade of B or better to move on to the Thesis Writing Course MGE 709.

*Credits: 3*

*Every Semester*

**MGE 709 Management Engineering Thesis**

The student is responsible for preparing a completed master's thesis under the guidance of an advisor assigned by the department. A grade of B or better in the Thesis Research course MGE 707 is required along with a completed literature review of the thesis problem. The completed thesis, usually following the five-chapter model is defended before a department faculty committee. A grade of B or better is required to pass the master's degree milestone requirement.

*Credits: 3*

*Every Semester*

**TEL 502 Telecommunications**

This course is an overview of the history and future of the telecommunications industry. Topics include telecommunications technology, regulatory

environment, competitive structure, product and service offerings, and managerial and social implications of telecommunications.

*Credits: 3*

*On Occasion*

#### **TEL 504 Systems, Signals and Circuits**

This course is an introduction to electrical engineering topics fundamental to communications and computer systems. Topics include properties of systems in the time and frequency domains, control systems, signal and noise concepts, modulation, multiplexing, estimation, filtering and detection of signals, information theory, fundamental properties of electric circuits, the network model, equilibrium equations and dynamics, introduction to electronic devices and circuits.

*Credits: 3*

*On Occasion*

#### **TEL 600 Cyber Forensics for Information Systems**

This course discusses the use of cyber forensic techniques as employed in industry. Topics include: acquisition and analysis of retrieved data, "live system" analysis, and legal concerns.

*Credits: 3*

*On Occasion*

#### **TEL 614 Voice Communication and Basic Telephony**

This basic course in telephony covers topics that include the evolution of the switched networks: telephone, PBX, and other customer premise equipment, interoffice connection, signal methods and traffic problems. The analyzes of the technology and advantages of the principal transmission media and switching techniques, regulatory environment, competitive structure and managerial implications of voice communication are also covered.

*Prerequisite of TEL 502 & 504 is required.*

*Credits: 3*

*On Occasion*

#### **TEL 618 Data Communications**

This course introduces students to basic concepts in data communications. Topics include terminals and processing hardware and software, codes and protocols, network alternatives and architectures, packet switching, local area networks, regulatory environment, competitive structure and managerial implications.

*Prerequisite of TEL 614 is required.*

*Credits: 3*

*On Occasion*

#### **TEL 626 Telecommunications Management Issues**

This course integrates material from preceding telecommunications courses, presents additional selected topics, and analyzes issues, including strategies for planning and managing a telecommunications facility and marketing telecommunications products. Selected topics may include international communications, new telecommunication products, services and their

applications; and regulatory policy and tariffs.

*Prerequisite of TEL 618 is required.*

*Credits: 3*

*On Occasion*

## DEPARTMENT OF COUNSELING AND DEVELOPMENT

Phone: 516-299-2814/2815

Fax: 516-299-3312

Chair: Colangelo

Senior Professors: Araoz, McGowan

Professors: Bordan, Goldin, Heck, Schaefer-Schiomo

Associate Professors: Ciborowski, Colangelo, Smith

Assistant Professors: Keefe-Cooperman, Mariska, Shenker

Adjunct Faculty: 25

The Department of Counseling and Development educates and prepares graduate students to enter the professions of mental health counseling and school counseling through programs of study that are nationally accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). The department offers the M.S. in School Counseling and the M.S. in Mental Health Counseling. Coursework encompasses theory, practica and internships, and preparation of students for New York State licensure or certification in their respective disciplines. The faculty is diverse with a wide range of specializations. They are committed to excellence and support the integration of technology, multicultural competencies and the highest ethical standards. In addition, the program prepares students to become reflective counselors fostering professional identity with a commitment to lifelong learning.

### M.S. in School Counseling

The Master of Science in School Counseling program is nationally accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). The program prepares students to work with young people from a developmental perspective to clarify goals, to overcome behavioral and social obstacles, and to enhance the learning experience. Graduates of this program help students cope with a myriad of problems. They learn effective individual and group counseling techniques and gain practical field experience through internships at all levels (elementary, middle and high school). This 48-credit program, plus two years of experience as a school counselor in New York, leads to permanent New York State certification as a school counselor.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Science in School Counseling must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or

graduate transcripts from any college(s) or universities you have attended.

- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate studies or successful completion of another master's degree. Applicants who do not meet this academic requirement will be required to take the Graduate Record Examination (GRE). For admission purposes, only the writing assessment of the GRE is evaluated. This section of the exam assesses writing and critical thinking skills which are essential attributes for the professional counselor. Applicants will be considered to have met the GRE requirement if they obtain a score of 4.5.
  - Applicants who have completed a bachelor's degree and have at least 10 years work related experiences beyond their degree and/or have been involved in extraordinary life experiences are eligible to apply to the graduate counseling programs. At the discretion of the Chair of the Department of Counseling and Development, the GRE will be waived.
  - Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
  - Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
  - Interview with a faculty member of the Department of Counseling and Development.
  - Pass a spontaneous writing sample at admissions interview.
  - Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.
- Deadlines for a complete application for admission to the programs of study in the Department of Counseling and Development are as follows:
- August 20 for Fall Admission
  - January 10 for Spring Admission
  - April 30 for Summer Admission

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

### School Counseling M.S. Degree

#### Requirements

(48-49 Credits)

EDC 600	Introduction to Professional Counseling	3.00
EDC 610	Behavior Dynamics Over Life Span	3.00

EDC 613*	Diversity and Socio-Cultural Issues in Counseling	3.00
EDC 614	Human Growth and Development Over the Lifespan	3.00
EDC 615	Theories Of Counseling	3.00
EDC 659	Counseling for the College Admission and Selection Process	3.00
EDC 668	Counseling Pre-Practicum	3.00
EDC 669	Counseling Practicum	6.00
EDC 670	Educational Tests and Measurements	3.00
EDC 676	Career Development	3.00
EDC 687	Group Approaches: Theory and Practice	3.00
EDC 689	Group Counseling Laboratory	3.00
EDC 690	School Counseling Internship I	3.00
EDC 691	School Counseling Internship II	3.00
EDC 702	Research Methods In Counseling	3.00

\*EDC 619, Socio Cultural Issues in Counseling: A Field Based Experience, may be taken in lieu of EDC 613, Diversity and Socio-Cultural Issues in Counseling.

**Culminating Experience** - Students will take the Counselor Preparation Comprehensive Examination (CPCE). Students must take the exam the semester before they graduate. Students who fail the CPCE examination *twice* will be required to take EDC 707, Degree Synthesis (1 credit).

Students must take the Child Abuse and Project SAVE workshops.

### M.S. in Mental Health Counseling

The 60-credit Master of Science in Mental Health Counseling prepares you for a career as mental health counselor. You will learn individual and group counseling techniques to help youths, adults, couples, parents and families work through their problems and issues. As a mental health counselor, you can have a positive and meaningful impact on people. The M.S. in Mental Health Counseling will provide counselors with the preparation and support they need to help others experience healthy, fulfilled lives.

As a leader in preparing students for careers in counseling and development, LIU Post provides an educational environment that fosters the personal

and professional growth of future counselors and related professionals while upholding the highest ethical standards and respect for individual differences. Our faculty members are actively engaged in mental health counseling and frequently contribute to publications and conferences.

The program integrates mental health counseling theories and approaches with carefully supervised practical experiences in state-of-the-art appropriate field settings. The training comprises individual counseling as well as group and other systemic modalities within the developmental model and brief therapy framework. This is an individualized program emphasizing self-development and the integration of individual and group counseling theories and techniques, with a strong emphasis on carefully supervised clinical experiences. Each degree candidate will be required to complete 90 hours of counseling practicum (EDC 669) and 600 hours of internship experience (EDC 683, EDC 684).

The Department of Counseling and Developing intends to transition its Mental Health Counseling Program, which is accredited under the 2001 CACREP standards, into the Clinical Mental Health Counseling Program, that will meet the 2009 standards designated by CACREP. The Department is presently undergoing the CACREP reaccreditation process and will seek accreditation of the Clinical Mental Health Counseling Program during this reaccreditation process.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science in Mental Health Counseling must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate studies or successful completion of another master's degree. Applicants who do not meet this academic requirement will be required to take the Graduate Record Examination (GRE). For admission purposes, only the writing assessment of the GRE is evaluated. This section of the exam assesses writing and critical thinking skills which are essential attributes for the professional counselor. Applicants will be considered to have met the GRE requirement if they obtain a score of 4.5.
- Applicants who have completed a bachelor's degree and have at least 10 years work related experiences beyond their degree and/or have been involved in extraordinary life experiences are eligible to apply to the graduate counseling programs. At the discretion of the Chair, the GRE will be waived.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to

complete a graduate program

- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Interview with a faculty member of the Department of Counseling and Development
- Pass a spontaneous writing sample at admissions interview
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

Deadlines for a complete application for admission to the programs of study in the Department of Counseling and Development are as follows:

- August 20 for Fall Admission
- January 10 for Spring Admission
- April 30 for Summer Admission

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**Mental Health Counseling M.S.**

**Degree Requirements**

(60-61 Credits)

EDC 600	Introduction to Professional Counseling	3.00
EDC 601	Clinical Mental Health Counseling	3.00
EDC 608	Assessment and Intervention Strategies in Clinical Mental Health Counseling	3.00
EDC 610	Behavior Dynamics Over Life Span	3.00
EDC 615	Theories Of Counseling	3.00
EDC 616	Family Counseling	3.00
EDC 660	Practicum In Psychological Testing for Counselors	3.00
EDC 668	Counseling Pre-Practicum	3.00
EDC 669	Counseling Practicum	6.00
EDC 676	Career Development	3.00
EDC 683	Clinical Mental Hlth Coun Intrnship I	3.00
EDC 684	Clinical Mental Hlth Coun Intrnship II	3.00
EDC 687	Group Approaches:Theory and Practice	3.00

EDC 689	Group Counseling Laboratory	3.00
EDC 702	Research Methods In Counseling	3.00

**One of the following:**

EDC 613	Diversity and Socio-Cultural Issues in Counseling	3.00
EDC 619	Socio Cultural Issues in Counseling: A Field Based Experience	3.00

**Mental Health Counseling M.S. Electives**

EDC 614	Human Growth and Development Over the Lifespan	3.00
EDC 617	Principles of Couple Counseling	3.00
EDC 652	Counselor's Approach to Human Sexuality	3.00
EDC 654	Counselor Examines Alcoholism	3.00
EDC 657	Counseling Families Of Alcoholics	3.00
EDC 685	Clinical Mental Hlth Coun Intrnship III	3.00
EDC 750	Special Topics in Counseling	3.00
EDC 750	Special Topics in Counseling	3.00
EDC 750	Special Topics in Counseling	3.00

**Culminating Experience** - Students will take the Counselor Preparation Comprehensive Examination (CPCE). Students must take the exam the semester before they graduate. Students who fail the CPCE examination *twice* will be required to take EDC 707, Degree Synthesis (1 credit).

Students must take the Child Abuse Workshop in order to graduate.

**Advanced Certificate in Clinical Mental Health Counseling**

The Advanced Certificate in Clinical Mental Health Counseling is a "licensure qualifying" bridge program approved by the New York State Education Department (NYSED), Office of the Professions which allows individuals with a master's degree in school counseling or other related counseling degree to meet the educational requirements for licensure as a mental health counselor in New York State. The 15 credit advanced certificate is predicated upon the individual having completed a master's degree in school counseling with a minimum of 48 credits in specified core educational content areas as

delineated in the state regulations for mental health counselor licensure. Individuals who graduated from a program of less than 48 credits will be required to take additional coursework above the 15 credits to ensure meeting the state requirement of a minimum of 60 graduate credits. Upon application candidates will have their transcript(s) reviewed by the department to ascertain the needed number of graduate credits required for the advanced certificate.

The Advanced Certificate in Clinical Mental Health Counseling requires each candidate to take the following courses at a minimum:

- EDC 601 Clinical Mental Health Counseling**
- EDC 608 Assessment and Intervention Strategies in Clinical Mental Health Counseling**
- EDC 616 Family Counseling**
- EDC 683 Clinical Mental Health Counseling Internship I (300 hours)**
- EDC 684 Clinical Mental Health Counseling Internship II (300 hours)**

Upon completion of the advanced certificate the individual will automatically meet the educational requirements for licensure as a mental health counselor in New York State. They will then be eligible to file for a "limited permit" and begin accruing the 3000 post master's experiential hours required for licensure. They will also be eligible to file to take the National Clinical Mental Health Counselor Examination (NCMHCE) which is the licensure examination designated by the State. There is also the possibility that the Office of the Professions may accept experiential hours gained after the receipt of the individual's master's degree if the experience was in an approved setting under the supervision of a recognized licensed mental health professional.



## Counseling and Development Courses

### EDC 600 Introduction to Professional Counseling

This is the basic course for counseling in schools, colleges and mental health agencies and explains the role of the professional counselor. The course focuses on the student as a person and as a potential counselor. The changing world of the counselor is also the world of the developing client. Forces contributing to the variable, emerging culture of values, societal norms and individual choices are examined in relation to the developmental world of young persons and adults and to the practices, philosophies, and principles of the institutions with which counselors are associated. The course will also explore job opportunities on Long Island, New York City, upstate New York and nationally, as well as alternative paths in the counseling profession. The Graduate Handbook is required reading for the course.

*Credits: 3*

*Every Fall and Spring*

### EDC 601 Clinical Mental Health Counseling

To be taken as the first course in the Mental Health Counseling specialization, within the student's first 15 semester hours of work. This course is an introduction to preventive education and counseling for mental and emotional health as uniquely available in mental health centers. The course prepares students to work on counseling teams and enrichment programs, to handle referral procedures, community relations and teamwork, and to deal with mental health problems in terms of their etiology and the innovations in the field.

*Credits: 3*

*Every Fall and Spring*

### EDC 608 Assessment and Intervention Strategies in Clinical Mental Health Counseling

This course is a weekly seminar focused on, but not limited to, the following: the etiology, diagnosis, treatment, referral and prevention of disorders; psychological assessment, case conceptualization, psychopathology, utilization of current diagnostic tools, including the DSM-IV; use and limitations of psychopharmacological medications; guidelines for conducting intake, mental status, biophysical and mental health interviews; and consultation theory and practice.

*Prerequisite of EDC 610 & 615 is required.*

*Credits: 3*

*Every Fall*

### EDC 610 Behavior Dynamics Over Life Span

This course provides for the study of the dynamics of human behavior over the life span. This course covers healthy adjustment versus maladjustment at each stage of life. The major models describing human behavior and the causes of mental illness

are described. The classifications of mental illness and adjustment disorders according to the DSM-IV are discussed and illustrated.

*Credits: 3*

*Every Fall and Spring*

### EDC 613 Diversity and Socio-Cultural Issues in Counseling

Major 21st century contributions of sociology and anthropology are examined with a view to understanding the role of socio-cultural factors in human development and behavior. This course also examines the impact of the socio-cultural viewpoint on contemporary concepts of adaptive and maladaptive human behavior and related mental health issues.

*Credits: 3*

*Every Fall and Spring*

### EDC 614 Human Growth and Development Over the Lifespan

This course focuses on understanding the principles and rationale of developmental counseling over the lifespan from a multicultural perspective. Students become familiar with the primary functions of the developmental counselor: counseling, consulting, coordinating, assessment and advocacy. Students will examine the developmental theories of Piaget, Erikson, Vygotsky and others. They will examine the cognitive, physical, social and emotional development of the individual during early childhood, middle childhood, adolescence and adulthood. In addition to an overview of developmental stages and developmental tasks which children face, the course includes exploration and experimentation with various and unique methods used in developmental counseling. Students will explore various developmental crises and impediments to optimum development and, in small groups, do an oral report of their findings. They will compile a developmental portfolio, presenting characteristics of each developmental milestone, and develop a comprehensive guidance plan to address the developmental needs during the school years.

*Prerequisite of EDC 600 is required.*

*Credits: 3*

*Every Fall and Spring*

### EDC 615 Theories Of Counseling

This is a basic course in counseling theories and techniques and their application within a multicultural and diverse society. Students gain an understanding of the major theories of counseling and psychotherapy (e.g., psychoanalytic, existential, person centered, gestalt, reality, behavioral, cognitive-behavioral and family systems, etc.). In addition, the counselor as a person and a professional is explored as well as ethical issues in counseling and therapy.

*Prerequisite or Co-requisite of EDC 600 or 601 is required.*

*Credits: 3*

*Every Fall and Spring*

### EDC 616 Family Counseling

This course offers a consideration of theories, practices and related activities with couples, parents and/or other related adults and children. Included in the course is a survey of some major trends and problems associated with individual adjustments, adaptations and other reactions within family and social settings.

*Prerequisite of EDC 615 is required.*

*Credits: 3*

*Every Fall and Spring*

### EDC 617 Principles of Couple Counseling

A study of the theoretical and practical aspects of couple counseling from initial referral to termination. The difference between this form and individual, group or family counseling will be examined in order to understand the clinical issues involved. Both the object relations and the systemic theories will be studied with emphasis on the clinical application to help couples change, according to their therapeutic goals.

*Credits: 3*

*Rotating Basis*

### EDC 619 Socio Cultural Issues in Counseling: A Field Based Experience

It is critical for the helping professional to give due consideration to CULTURE and its impact in the counseling relationship/process. Multicultural counseling is counseling that takes place among people of different cultural backgrounds. It takes into consideration the individual experiences of the clients in their cultural context. This course will provide a field based MULTICULTURAL immersion into a cultural experience (place to be identified by the professor). It will seek to expose students to field experiences which will provide primary exposure to the cultural nuances; explore cultural awareness of one's own cultural values and biases as they reflect on personal stereotypes; understand how race, culture, and ethnicity may affect personality formation, vocational choices, and manifestation of psychological disorders, help-seeking behavior, and the appropriateness of counseling approaches; understand the impact of multiculturalism as a force in the professional helping discipline; understand the pitfalls of Cross Cultural counseling; explore the cultural dynamics of the dominant ethnic groups and the implications for culturally responsive counseling; examine the research on cutting edge issues in counseling clients of diverse cultures; understand the ethical implications of Multicultural counseling; and become aware of the consequences of social intolerance and the global impact. Department consent required.

*Credits: 3*

*Every Summer*

### EDC 652 Counselor's Approaches to Human Sexuality

A study of human sexuality from its normal manifestations and development to

its dysfunctions. The student will be guided to examine his/her own attitudes and values in this area and to learn counseling approaches to problems and questions related to sexuality.

*Credits: 3*

*Rotating Basis*

#### **EDC 654 The Counselor Examines Alcoholism**

Alcoholism, as a behavioral psychological problem, is analyzed to enable the counselor to integrate current theories on this condition into his/her work. Approaches to the treatment will be evaluated, and varied techniques will be studied.

*Credits: 3*

*Rotating Basis*

#### **EDC 657 Counseling Families Of Alcoholics**

Consideration of theories, practices, problems and trends as they relate to counseling the family affected by alcoholism. Sessions will include lectures, films and role-playing to explore the kinds of problems present and the different approaches to counseling these families.

*Credits: 3*

*Rotating Basis*

#### **EDC 659 Counseling for the College Admission and Selection Process**

This course is designed to provide systematic training in counseling for the college admission and selection process. Graduate students in school counseling and those who are already in the field are introduced to concepts and practical skills required for competency in working with diverse populations: the traditionally aged college student applicant, the disadvantaged, the minority student, the gifted, the learning disabled, the student athlete, and the adult. The course consists of lectures, presentations, cooperative and group learning activities, video viewings, class discussions and "hands-on" type of activities designed to enhance knowledge of the college admission and selection process. College admission personnel and school counselors are invited as guest presenters.

*Credits: 3*

*Every Fall and Spring*

#### **EDC 660 Practicum In Psychological Testing for Counselors**

This course is laboratory experience designed to develop adequate understandings and competencies with respect to concerns, issues and implementation factors related to administration, scoring, recording and interpretations of aptitude, intelligence tests, as well as interest and personality inventories.

*Prerequisite of EDC 600 is required.*

*Credits: 3*

*Every Spring*

#### **EDC 668 Counseling Pre-Practicum**

This is the basic counseling laboratory course designed to provide supervised practical counseling experience from a life span and a multicultural

perspective that can be applied in the school or agency. Students learn the basics in terms of the active listening skills and the use of appropriate counseling techniques through role-play and other activities. Students must have three to five actual tape-recorded role playing sessions with another student in the course who will act as the client; the professor may give permission for students to work with a client who is not a member of the class. Interview summaries, detailed analyses and other relevant counseling experiences are part of the course. Orientation to the role of the professional counselor and ethical concerns are discussed.

*Prerequisite of EDC 600 and a Pre or Co-requisite of EDC 615 are required.*

*Credits: 3*

*Every Fall and Spring*

#### **EDC 669 Counseling Practicum**

This course is an in-depth counseling laboratory course designed to provide supervised practical counseling experience from a life span and multicultural perspective through successful completion of 100 hours of to with: 60 hours of observation, interaction, and supervision at a school or mental health agency site; 30 hours of direct service via individual and group counseling to clients at that site; and 10 hours off site with clients who will be audio taped. The purpose of the 60 hours, which can be interspersed throughout the semester, is to acclimate the practicum students to the environment in which the counseling experience occurs. Interview summaries, detailed analysis and other relevant counseling experiences are a part of this course. Again, it must be emphasized that practicum students in 669 must provide 40 hours of direct service to clients of which 30 hours take place at a school or agency site and 10 hours are provided to non-site clients. With onsite clients, practicum students are to document and describe each individual and group counseling experience, which are to be shared with the cooperating counselor and reflected in the logs given to the University professor. These clients are supervised by and remain the primary responsibility of the cooperating counselor. The remaining ten (10) hours with non-site clients are audio recorded and shared only with the University professor and the other students in EDC 669. Practicum students meet in group seminar with the University professor every week. In addition, the University professor provides an hour of individual or triadic supervision (i.e. professor and two students), the time for which is built into this six (6) credit course. While the professor and the two students are interacting, the other practicum students observe the supervision being given by the professor. After the triadic supervision occurs, the observing students will be asked to offer their comments and suggestions immediately after the triadic supervision or during the group class. The appropriate roles of the professional counselor, based upon the Ethical Guidelines of the American Counseling Association, are covered. This course is

also designed to develop and extend the student's understanding and competencies begun in EDC 668, Counseling Pre-Practicum. This course must be completed prior to taking EDC 683, Mental Health Counseling Internship I or EDC 690, School Counseling Internship I. Health Insurance required for Mental Health Counseling students. *Prerequisite of EDC 668 and a prerequisite or co-requisite of EDC 610 is required.*

*Credits: 6*

*Every Fall and Spring*

#### **EDC 670 Educational Tests and Measurements**

This is a survey course in the principles and practices of testing and assessment used in schools. After a quick look at the concepts of educational statistics and the underlying mathematical basis of standardized tests, the student will examine the most widely used tests and assessments that he/she will be expected to know and understand in the K-12 setting: achievement tests, interest inventories, aptitude and intelligence measures. In addition, time will be devoted to the New York State Learning Standards and the assessments which will accompany the higher graduation requirements.

*Credits: 3*

*Every Fall and Spring*

#### **EDC 676 Career Development**

This course provides students with an in-depth study of theories and emerging patterns in career development counseling, as well as their application across a range of settings including schools and agencies. Emphasis is placed on practical counseling techniques, psychoeducational approaches, and evaluation of resources used in career counseling and education. Attention is given to psychological, sociological, economic and educational dynamics; multicultural, gender, and disability perspectives of career development are also discussed. Technological and other current trends as they relate to career counseling and education are reviewed.

*Credits: 3*

*Every Fall and Spring*

#### **EDC 683 Clinical Mental Health Counseling Internship I**

This course is designed for students in the latter part of the graduate program after having taken considerable theory and course work in the counseling process. The student is required to attend seminar meetings and to prepare weekly logs directed toward observation, insight and evaluation of activities in the field setting. Related professional readings are also required. The student is expected to develop a counseling caseload, participate in group work, attend staff meetings and schedule a weekly meeting with the field supervisor for evaluation. A minimum 300 hours in a mental health counseling setting, acceptable to the department is required. Health Insurance required for Mental Health Counseling students.

*Prerequisite of EDC 669 and Pre or Co-requisite of*

*EDC 601, 608, & 687 are required.*

*Credits: 3*

*Every Fall, Spring and Summer*

### **EDC 684 Clinical Mental Health Counseling Internship II**

A second semester internship required for mental health counseling students. Course content and time requirements are the same as for EDC 683. Health insurance required for Mental Health counseling students.

*Prerequisite of EDC 683 is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

### **EDC 685 Clinical Mental Health Counseling Internship III**

This course consists of supervised experience involving 300 hours in an approved mental health counseling setting. Professional readings are required. However, the student at this level is expected to be self-initiating and able to perform both competently and creatively in considerable depth in achieving the objectives of the course at the practitioner level. Health insurance required for Mental Health Counseling Students.

*Prerequisite of EDC 683 & 684 is required.*

*Credits: 3*

*On Demand*

### **EDC 686 Clinical Mental Health Counseling Internship IV**

This course is a continuation of the advanced internship placement and seminar experience as it consists of supervised experience involving 300 hours in an approved mental health counseling setting. Professional readings are required. However, the student at this level is expected to be self-initiating and able to perform both competently and creatively in considerable depth in achieving the objectives of the course at the practitioner level. Health insurance required for Mental Health Counseling students.

*Prerequisites of EDC 685 is required.*

*Credits: 3*

*On Demand*

### **EDC 687 Group Approaches: Theory and Practice**

This course will examine the dynamics present in a counseling group and how these forces can be employed in the service of therapeutic change. Leadership styles and skills will be discussed with special consideration given to their application and impact on members. The progressive stages in group development will be identified. Concomitant strategies for addressing relevant issues within the stages will be presented. Practical considerations necessary for screening potential members, beginning/ending groups, process interventions, discussing confidentiality and ethical considerations will be included. A variety of theoretical orientations on groups will be explored.

*Credits: 3*

*Every Fall and Spring*

### **EDC 689 Group Counseling Laboratory**

This course requires student demonstration of accepted and appropriate practice and procedure in supervised professional group counseling methods and experiences. The course presumes familiarity and understanding of the dynamics of therapeutic forces within a counseling group, the ability to assist in self-awareness and discovery, and the competence to facilitate change. Although theory will be reviewed, it is the practice in effective group counseling leadership that will be the focus and goal of this course. Professional reading, analysis and evaluation of group sessions are used. Students will lead a minimum of two, but preferably three group sessions.

*Prerequisite of EDC 687 is required.*

*Credits: 3*

*Every Fall and Spring*

### **EDC 690 School Counseling Internship I**

This course is designed for students in the school counseling specialization. It is taken in the latter part of the graduate program after they have taken considerable theory and coursework in the counseling process and its application within a school setting. The student is required to attend weekly seminar meetings, and to prepare weekly logs directed toward observation, insight, and evaluation of activities in the field setting. Related professional readings are also required. The student is expected to develop a counseling caseload, participate in group work, attend staff meetings, and meet with the cooperating counselor for evaluation. A minimum of 300 hours in a school setting, acceptable to the department is required.

*Prerequisite of EDC 669 and a pre or co-requisite of EDC 614 & 687 are required.*

*Credits: 3*

*Every Fall and Spring*

### **EDC 691 School Counseling Internship II**

This course consists of a supervised experience involving 300 hours in a school setting. Course content and time requirements are the same as 690. A permission form signed by the field supervisor must be on file with the Department of Counseling and Development before the student begins the internship placement.

*Prerequisite of EDC 690 is required.*

*Credits: 3*

*Every Fall and Spring*

### **EDC 700 Independent Study**

Independent study involves in-depth development of a project idea as an area of study in a previous course. Permission to take this course is based on the merit of the proposed study and the needs and background of the student. Permission requires the signature of the faculty member sponsoring the study, the Department Chair and the Dean of the College of Education, Information and Technology at LIU Post. Independent Study is not allowed in place of a course offered as part of the program. Hours are arranged.

*Credits: 3*

*On Demand*

### **EDC 701 Counseling Supervision**

This course is designed to systematically train experienced professional counselors in counselor supervision. Both didactic and experiential instruction are included. Self-awareness, theoretical and conceptual knowledge, and skill acquisition are stressed. Supervision trainees are required to apply theory to actual practice through weekly face to face, hour long, individual supervision of graduate students enrolled in EDC 669 Counseling Practicum. Department faculty members, in turn, oversee trainee supervision of EDC 669 practicum students. Master's Degree in Counseling or its equivalent. Department consent required.

*Credits: 3*

*On Demand*

### **EDC 702 Research Methods In Counseling**

This is a course in the understanding of the use, process and applications of research findings in counseling. Students will examine recent research studies, explore topics of particular interest to them, and prepare a draft research proposal on an issue of their choosing. This course is project-based, relevant and practical.

*Credits: 3*

*Every Fall and Spring*

### **EDC 707 Degree Synthesis**

This course provides students the opportunity to review and integrate material required in the mental health and school counseling programs with emphasis on the eight CACREP common-core areas: professional orientation and ethical practice, social and cultural diversity, human growth and development, helping relationships, group work, assessment, and research and program evaluation. Using data from the CPCE (Counselor Preparation Comprehensive Examination), each student will design and implement an individual plan to address areas of identified weakness. An examination will be taken at the end of Degree Synthesis to assess the students' knowledge. Students must attain a passing grade on the Degree Synthesis exam. This course is only offered to students who have failed the CPCE twice.

*Credits: 1*

*On Demand*

### **EDC 750 Special Topics in Counseling**

Summer Session institutes and workshops are three-credit courses, one week in length, designed to enrich one's graduate or post-graduate education by focusing on topics that are of timely interest and concern to working professionals. Often institutes are team-taught by experts in their field, offering students a unique opportunity to accelerate their academic progress for personal, professional and career advancement. All courses are open to visiting students and working professionals.

*Credits: 3*

*Every Summer*

## DEPARTMENT OF CURRICULUM & INSTRUCTION

Phone: 516-299-2372/2374

Fax: 516-299-3312

Chair: Goubeaud

Associate Professors: Ahmad, Byrne, Dunne, Levine, Ogulnick, Piro, Rasheed, Rhee, Schneiderman, Szpara, Woo

Assistant Professors: Boyanton, Choi, Lew, Tolentino

Adjunct Faculty: 46

The Department of Curriculum and Instruction offers one of the most comprehensive teacher preparation programs in New York State. Nationally accredited by the Teacher Education Accreditation Council (TEAC), the Department's master's degree programs focus on the different stages of child development: infancy, pre-school, early childhood, childhood, middle and high school and teaching English to speakers of other languages. Students are mentored throughout their entire program by expert faculty who oversee their student-teaching assignments, portfolio development, peer- and self-evaluations, and leadership experiences. All teacher education programs lead to New York State teacher certification.

### M.S. in Early Childhood Education (Birth to Grade 2)

The Master of Science degree in Early Childhood Education prepares professional teachers and leaders to work with infants, toddlers, preschoolers and younger children in their formative years (Birth to Grade 2). You will be trained to work in a variety of educational settings, including public and private schools, Head Start programs, child development and child care centers and other programs related to the education of children, from ages Birth to 8.

The program is designed for individuals who have earned a bachelor's degree from an accredited university and college and who wish to begin a new career as a certified school teacher. Upon graduation, you will be eligible for Initial Teaching Certification from New York State. In addition, current teachers who have bachelor's degrees in education and Initial Teaching Certification may use this program to expand their expertise to the first through sixth grade levels. This program meets the New York State master's degree requirements for Professional Teaching Certification.

The M.S. degree curriculum comprises 11 education courses (33 credits) plus field experience, supervised student teaching (6 credits),

and a culminating experience. In the required courses you will study the physical, intellectual, emotional and social development of small children, including culturally diverse populations. You will gain an understanding of the theory and practice of teaching language arts -- reading, writing, listening, and speaking -- in the early childhood classroom. The curriculum includes courses in "The Psychological Foundations of Education," "Creative Expression for Early Childhood," "Child Development," and "Beginning Reading and Writing: Emergent Literacy." After completing 12 education credits, all students take a seminar in Health and Substance Abuse.

The number of credits required for the program ranges 39 to 42 credits, depending on your culminating experience. You can choose one of three culminating experiences:

- **Option 1: Student Teaching Portfolio (39 credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and projects). Mandatory for those who student teach.
- **Option 2: Comprehensive Exam (39 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.
- **Option 3: Education Thesis (42 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements and successfully pass New York State licensure tests, you will be awarded Initial Teaching Certification by the New York State Department of Education for Early Childhood: Birth to Grade 2. If you are a certified teacher with three years of teaching experience, you will be eligible to apply for Professional Teaching Certification upon completion of the program.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

#### ADMISSION REQUIREMENTS

Applicants to the Early Childhood Education (Birth to Grade 2) must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 2.5 overall and 2.75 in major grade point average

or equivalent in a bachelor's program.

- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

### LIU Post Early Childhood Education (Birth - Grade 2) M.S. Major

#### Requirements

(39-42 Credits)

#### Required Education Core Courses

EDI	600	Psychological Foundations of Education	3.00
EDI	601	Social Foundations of American Education	3.00
EDI	604	Early Child Development: Birth to Grade 2	3.00
EDI	643	Education for Cultural Diversity	3.00

#### Required Pedagogical Core Courses

EDI	615	Early Childhood Curriculum: Birth to Preschool	3.00
EDI	616	Early Childhood Curriculum: Kindergarten to Grade 2	3.00
EDI	618	Creative Expression for Early Childhood	3.00
EDI	625	Observation and Assessment in Early Childhood	3.00
EDI	639	Play In the Curriculum	3.00

#### Required Co-Related Content Courses

EDS	605	Beg Read & Writ Emergent Lit	3.00
EDS	610	Literacy Teaching and Learning: Birth-Grade 6	3.00
EDS	633	Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)	3.00

#### Required Health and Substance Abuse Workshop

HE	205A	Adolescent Health-Risk Wrkshp	0.00
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**Required Student Teaching Course**

EDI	713	Supervised Student Teaching and Seminar in Early Childhood Education	6.00
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**Culminating Experience**

**Student is required to do a Comprehensive Exam or Final Project or Thesis (with course).**

EDI	705	Thesis Seminar	3.00
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**M.S. in Childhood Education (Grades 1-6)**

The Master of Science degree in Childhood Education prepares professional teachers and leaders to address the intellectual, social and emotional needs of children in the first through sixth grades.

The program is designed for individuals who have earned a bachelor's degree from an accredited university and college and who wish to begin a new career as a certified school teacher. Upon graduation, you will be eligible for Initial Teaching Certification from New York State. In addition, current teachers who have bachelor's degrees in education and Initial Teaching Certification may use this program to expand their expertise to the first through sixth grade levels. This program meets the New York State master's degree requirements for Professional Teaching Certification.

The M.S. degree curriculum comprises 11 education courses (33 credits) plus field experience, supervised student teaching (6 credits) in a public or private school, and a culminating experience. Courses range from "The Psychological Foundations of Education," which covers a wide variety of factors that affect teaching, learning and development, to "Accommodating Learners with Special Needs in Inclusive Settings," which includes instruction in assistive and teaching technologies to help integrate students with disabilities into the classroom. Specific courses are devoted to teaching social studies, mathematics and science in the elementary school grades, and to remedial and developmental reading. After completing 12 education credits, all students take a seminar in Health and Substance Abuse.

The number of credits required for the program ranges 39 to 42 credits, depending on your culminating experience. You can choose one of three culminating experiences:

- **Option 1: Student Teaching Portfolio (39 credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and projects). Mandatory for those who student teach.
- **Option 2: Comprehensive Exam (39 credits)**, which is a written essay exam that assesses

your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.

- **Option 3: Education Thesis (42 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements and successfully pass New York State licensure tests you will be awarded Initial Teaching Certification by the New York State Department of Education to teach Childhood: Grades 1 to 6. If you are a certified teacher with three years of teaching experience, you will be eligible to apply for Professional Teaching Certification upon completion of the program.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Childhood Education (Grades 1-6) must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended
- Applicants must have achieved at least a 2.5 overall and 2.75 in major grade point average or equivalent in a bachelor's program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Childhood Education Leading to NYS Initial Certification in Grades 1-6 (39-42 Credits)**

**Degree Requirements**

**Core/Prerequisite Courses**

EDI	600	Psychological Foundations of Education	3.00
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EDI	601	Social Foundations of American Education	3.00
EDI	643	Education for Cultural Diversity	3.00
EDI	677	Curriculum Development for the Classroom Teacher	3.00
EDI	700	Introduction to Educational Research	3.00

**Co-Related Core Requirements**

EDS	610	Literacy Teaching and Learning: Birth-Grade 6	3.00
EDS	611	Lit Assess/Instr For Diverse Popu	3.00
EDS	633	Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)	3.00

**Pedagogical Core Requirements**

EDI	612	Teaching Social Studies in Grades 1-6	3.00
EDI	613	Teaching Mathematics in Grades 1-6	3.00
EDI	614	Teaching Science in Grades 1-6	3.00

**Required Health and Substance Workshop**

HE	205A	Adolescent Health-Risk Wrkshp	0.00
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**Student Teaching Requirement**

EDI	709	Supervised Student Teaching and Seminar in the Elementary School	6.00
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**Culminating Experience:**

Student is required to do a Comprehensive Exam or Final Project or Thesis (with course).

**Thesis Course**

EDI	705	Thesis Seminar	3.00
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**M.S. in Middle Childhood Education (Grades 5-9)**

The Master of Science degree in Middle Childhood Education prepares professional teachers and leaders to address the intellectual, social and emotional needs of children in fifth through ninth grades. The program is designed for individuals who have earned a bachelor's degree from an accredited university and college and who wish to begin a new career as a certified school teacher. Upon graduation, you will be eligible for Initial Teaching Certification from New York State if you have thirty credits in the appropriate subject area. In addition, current teachers who have bachelor's degrees in education and Initial

Teaching Certification may use this program to expand their expertise to the fifth through ninth grade levels. This program meets the New York State master's degree requirements for Professional Teaching Certification. Students select from the following concentration: **Biology, Earth Science, English, Mathematics, Social Studies and Spanish.**

The program's central goal is the preparation of outstanding teachers who are experienced in thinking critically, solving problems and working collaboratively with children ages 9 to 14, parents, and educators in public and private schools.

**M.S. in Middle Childhood Education Requirements (45-50 Credits)**

**Required Middle Childhood Education Core Courses**

EDI	550	Psychology of the Early Adolescent Student	3.00
EDI	554	Organization and School Foundation of the Middle School	3.00
EDI	610	General Methods of Teaching	3.00
EDI	700	Introduction to Educational Research	3.00
EDS	633	Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)	3.00
EDS	641	Literacy In Content Area 5-12	3.00

**Health & Substance Abuse Workshop**

HE	205A	Adolescent Health-Risk Wrkshp	0.00
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**Required Student Teaching Course**

EDI	711	Supervised Student Teaching and Seminar in the Middle School	6.00
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**Culminating Experience**

Student is required to do a Comprehensive Exam or Final Project or Thesis (with course).

EDI	705	Thesis Seminar	3.00
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The minimum EDU G.P.A. is 3.00

*Possible content subject areas are Biology, Earth Science, English, Mathematics, Social Studies and Spanish.*

**Required Content Area Teaching Methods Course**

*Students must complete one of the following based on content subject area:*

EDI	654	Methods and Materials of Teaching Modern Languages in Secondary Schools	3.00
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EDI	655	Methods and Materials of Teaching Science in Secondary Schools	3.00
EDI	658	Methods and Materials of Teaching English in Secondary Schools	3.00
EDI	659	Methods and Materials of Teaching Mathematics in Secondary Schools	3.00
EDI	660	Methods and Materials of Teaching Social Studies in Secondary Schools	3.00

**Biology Requirements**

**Required Biology Courses**

**All of the following:**

BIO	505	Sources in Biological Research	3.00
BIO	513	Biological Chemistry	3.00
<b>AND one of the following:</b>			
BIO	503	Modern Concepts of Evolution	3.00
BIO	520	Cell Biology	3.00
BIO	604	Biological Chemistry Laboratory	3.00

**AND one of the following:**

BIO	510	Molecular Biology	4.00
BIO	525	Eukaryotic Genetics	3.00
BIO	530	Human Genetics	3.00

**AND one of the following:**

BIO	501	Population Ecology	3.00
BIO	517	Vascular Plants of Long Island	4.00
BIO	518	Ecology	4.00
BIO	609	Marine Ecology	3.00

**Elective Biology Course**

**At least one course/three credits from all BIO courses excluding BIO 707 or BIO 708**

Minimum Biology Credits = 18  
Minimum Biology G.P.A. = 3.00

**Earth Science Requirements**

**Required Earth Science Courses**

**All of the following:**

ERS	513	The Earth Environment I	4.00
ERS	514	The Earth Environment II	4.00

**AND one of the following**

GGR	518	Topics in Applied Conservation	3.00
GLY	510	Oceanography	3.00
GLY	511	Continental Drift and Plate Tectonics	3.00
GLY	520	Sedimentary Geology	3.00
GLY	521	Stratigraphy	3.00

**Elective Earth Science Courses**

**At least nine credits of the following:**

AST	501	Spherical and Elliptical Astronomy	3.00
ERS	515	Principles of Meteorology	3.00
ERS	700	Research Problems in Earth Science	1.00
GGR	515	Principles of Meteorology	3.00
GGR	518	Topics in Applied Conservation	3.00
GLY	510	Oceanography	3.00
GLY	511	Continental Drift and Plate Tectonics	3.00
GLY	513	Marine Geology	3.00
GLY	514	Marine Sedimentary Environment	3.00
GLY	516	Physical Oceanography	3.00
GLY	517	Geomorphic Processes	3.00
GLY	518	Groundwater Geology	3.00
GLY	520	Sedimentary Geology	3.00
GLY	521	Stratigraphy	3.00
GLY	523	Environmental Geochemistry	3.00
GLY	524	Methods of Mineral Identification	3.00
GLY	526	Earth Materials	3.00
GLY	533	Methods of Field Geology for Earth Science Teachers	3.00
GLY	549	The Age of Mammals	3.00

**Required Earth Science Comprehensive**

**Exam**

**Students must pass a comprehensive exam administered by the Earth and Environmental Science Department.**

Minimum Earth Science Credits = 20  
Minimum Earth Science G.P.A. = 3.00

**English Requirements**

**Required English Disciplinary Literacy**

**Course**

**One of the following**

ENG	505	Rhetoric	3.00
ENG	510	Research and Criticism	3.00
ENG	563	Comparative Literature	3.00
ENG	670	The Critical Tradition	3.00

**Elective English Literature Distribution**

**Courses**

*Students must complete one course from five of the following six literature areas:*

**Medieval Literature or History of the Language**

ENG 513 History of the English Language 3.00

ENG 650 Chaucer 3.00

ENG 651 Middle English Literature 3.00

**English Renaissance Literature**

ENG 643 Shakespeare 3.00

ENG 645 Literature of the English Renaissance 3.00

ENG 653 Metaphysical Poetry 3.00

ENG 654 Milton 3.00

**Restoration and 18th-Century Literature**

ENG 572 The English Novel 3.00

ENG 658 18th-Century Literature and Life 3.00

ENG 659 Restoration and Eighteenth-Century Literature 3.00

**19th-Century British Literature**

ENG 572 The English Novel 3.00

ENG 655 The Romantic Movement 3.00

ENG 656 Studies in Victorian Literature 3.00

**American Literature**

ENG 500 Contemporary Literature 3.00

ENG 533 Contemporary American Drama 3.00

ENG 622 American Renaissance 3.00

ENG 623 Late 19th-Century American Literature 3.00

ENG 624 20th-Century American Literature 3.00

**Modern Literature**

ENG 500 Contemporary Literature 3.00

ENG 533 Contemporary American Drama 3.00

ENG 558 The Irish Literary Renaissance 3.00

ENG 624 20th-Century American Literature 3.00

ENG 631 Modern Poetry 3.00

ENG 632 The Modern Novel 3.00

ENG 634 Modern Drama 3.00

ENG 657 Modern British Literature 3.00

**Special topic courses (ENG 684, 688 and 690) may apply to any of the above literature areas. Please see the English graduate advisor for more information.**

**Required English Comprehensive Exam  
Students must pass a comprehensive exam administered by the English Department.**

Minimum English Credits = 18  
Minimum English G.P.A. = 3.00

**Mathematics Requirements**

**Required Mathematics Courses**

All of the following:

MTH 511 Set Theory 3.00

MTH 513 An Introduction to Abstract Algebra 3.00

MTH 514 Euclidean Geometry 3.00

MTH 631 Foundations of Analysis 3.00

**Elective Mathematics Courses**

Two courses/six credits from all MTH courses excluding MTH 707, 709 and 710

**Required Mathematics Culminating Experience Course**

MTH 710 Research and Oral Presentation for Mathematics Education 1.00

**Required Mathematics Comprehensive Exam**

Students must pass a comprehensive exam administered by the Mathematics Department.

Minimum Mathematics Credits = 19  
Minimum Mathematics G.P.A. = 3.00

**Social Studies Requirements**

**Required Historiography Course**

HIS 601 Historiography 3.00

**Elective History or Political Science Courses**

Five courses/fifteen credits from all HIS courses excluding HIS 707 and 708. Students may substitute HIS elective courses with POL courses excluding POL 707 and 708 with permission of the respective graduate advisor. Exact credit substitution amounts will be determined by the graduate advisor based on previous course work.

**Required Social Studies Comprehensive Exam**

Students must pass a comprehensive exam administered by the History or Political Science Department.

Minimum Social Studies Credits = 18  
Minimum Social Studies G.P.A. = 3.00

**Spanish Requirements**

**Required Spanish Courses**

All of the following:

SPA 513 Advanced Syntax and Stylistics 3.00

SPA 541 Introduction to Spanish Linguistics 3.00

SPA 665 Seminar in Spanish-American Literature: Special Topics with Disciplinary Literacy in Spanish 3.00

**Elective Spanish Courses**

Three courses/nine credits from all SPA courses

**Required Spanish Comprehensive Exam**

Students must pass a comprehensive exam administered by the Foreign Languages

Department.

Minimum Spanish Credits = 18  
Minimum Spanish G.P.A. = 3.00

**M.S. in Middle Childhood**

**Education: Biology (Grades 5-9)**

Graduate students majoring in Middle Childhood Education (Grades 5 to 9) must select an 18 to 21 credit academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Middle Childhood or Adolescence courses and provides you with specialized knowledge in one particular discipline. It is expected that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **Biology** from among the Liberal Arts and Sciences curriculum. Students in Middle Childhood Education also will take 27 credits in teacher education.

**BIOLOGY CONCENTRATION**

The Master of Science degree program with a specialization in biology education combines a thorough grounding in educational theory and practice with a biology curriculum you can tailor to your own needs and interests. In the core education courses you will master an extensive repertoire of teaching techniques; you will examine the ways that race, class and gender impact the teaching-learning connection; and you will learn effective listening and communication skills. From the rich menu of biology courses, you can choose to explore such cutting-edge fields as Human Genetics, Molecular Biology and Population Ecology, and you can elect to pursue specific topics such as "Fisheries Biology and Aquaculture," "Wildlife and Wilderness Resources" and "Vascular Plants of Long Island."

The number of credits required for the program ranges from 45-48 credits depending on your culminating experience.

- Option 1: Student Teaching Portfolio (45 credits), which consists of artifacts from your student teaching experiences (i.e., lessons plans, journal of experiences, research reports and projects). Mandatory for those who student teach.
- Option 2: Comprehensive Exam (45 credits), which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student teaching requirement is waived.
- Option 3: Education Thesis (48 credits), which consists of an original research paper. This

option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the student teaching portfolio. This is an option sought by students who plan deeper research at the post-master's level.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Middle Childhood Education: Biology must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Middle Childhood Education: Earth Science (Grades 5-9)**

Graduate students majoring in Middle Childhood Education (Grades 5 to 9) may select an academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Middle Childhood Education courses and provides you with specialized knowledge in one particular discipline. It is expected that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **Earth Science** (20 credits) from among the Liberal Arts and Sciences curriculum. Students in Middle Childhood Education: Earth Science also will take 27 credits in teacher education courses.

**EARTH SCIENCE CONCENTRATION**

Earth science explores the interrelations among the four systems that make up our planet: the atmosphere (air), the hydrosphere (water), the

lithosphere (the solid earth), and the biosphere (all living creatures). Within the 47-credit Master of Science program in Middle Childhood Education (Grades 5 to 9) in Earth Science, you will be prepared to guide middle or high school students to a deeper understanding of their own environments, including climate change, and the challenge of managing natural resources for the common good. Along with education courses that cover teaching concepts from "Psychology of the Adolescent Student" to "Methods and Materials of Teaching Science in Secondary Schools," you will take a two-semester course in "The Earth Environment," and you will have an opportunity to choose electives that deal with such topics as "Continental Drift and Plate Tectonics," "Environmental Geochemistry" and "Principles of Meteorology." These courses will help you understand the interactions of human beings within their natural and physical environments. The course of study follows an orderly path to a broader and deeper comprehension of the earth sciences.

The number of credits required for the program 47 or 50, depending on your culminating experience. You can choose from among three culminating experiences:

- Option 1: Student Teaching Portfolio (47 credits), which consists of artifacts from your student teaching experiences (i.e., lessons plans, journal of experiences, research reports and projects). Mandatory for those who student teach.
- Option 2: Comprehensive Exam (47 credits), which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student teaching requirement is waived.
- Option 3: Education Thesis (50 credits), which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the student teaching portfolio. This is an option sought by students who plan deeper research at the post-master's level.

In addition, all students in this major must take an Earth Science Written Comprehensive Exam at the conclusion of their studies that covers the Earth Science coursework and maintain a B average or better, have at least thirty credits in Earth Science, and successfully pass all NYS licensure tests ) as well as required state workshops. You will then be awarded Initial Teaching Certification by the New York State Department of Education to teach Earth Science to grades 5 to 9.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Middle Childhood

Education: Earth Science must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program. Students who do not meet this requirement are welcome to discuss their options for admissions with the graduate advisor.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Middle Childhood Education: English (Grades 5-9)**

Graduate students majoring in Middle Childhood Education (Grades 5 to 9) must select an academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Middle Childhood courses and provides you with specialized knowledge in one particular discipline. It is expected that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select English from among the Liberal Arts and Sciences curriculum (18 credits). Students in Middle Childhood Education program will also take 27 credits in teacher education courses.

**ENGLISH CONCENTRATION**

The 45 to 48 credit graduate degree program will prepare you to teach English to young learners (ages 9 to 14) while deepening your knowledge and appreciation of the English language and its great literature. In addition to studying the psychology of the adolescent student and mastering a variety of teaching techniques, you will have an opportunity to take 18 credits in English, including "Research Method and Critical Writing." Additional English courses must be taken in five of six broad areas of study (Early Literature and Language, Literature of the English



Renaissance, Literature of the Restoration and Eighteenth Century, Nineteenth-century British Literature, American Literature of any period, and Modern Literature of any country). The Department of English offers more than 40 elective courses in a rich array of subjects that range from "Rhetoric," "Style and Syntax" and "Psycholinguistics" to "Metaphysical Poetry," "The Irish Literary Renaissance," and "Contemporary American Drama."

The number of credits required for the Master of Science program ranges 45 to 48 credits, depending on your culminating experience. You can choose one of three culminating experiences at the end of your coursework:

- **Option 1: Student Teaching Portfolio (45 credits)**, which consists of artifacts from your student-teaching experiences (i.e. lesson plans, journal of experiences, research, reports and projects). Mandatory for those who student teach.
- **Option 2: Comprehensive Exam (45 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.
- **Option 3: Education Thesis (48 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements and have completed thirty credits of English and successfully pass New York State licensure tests and take the required state workshops, you will be awarded Initial Teaching Certification by the New York State Department of Education to teach English to grades 5 to 9.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

#### ADMISSION REQUIREMENTS

Applicants to the M.S. in Middle Childhood Education: English must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason

you are interested in pursuing graduate work in this area of study.

- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

## M.S. in Middle Childhood Education: Mathematics (Grades 5-9)

Graduate students majoring in Middle Childhood Education (Grades 5 to 9) must select an academic specialty (19 to 22 credits) from the Liberal Arts and Sciences curriculum. Such study complements the Middle Childhood courses and provides you with specialized knowledge in one particular discipline. This adds depth and breadth to your level of teaching expertise. It is expected that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **Mathematics** from among the Liberal Arts and Sciences curriculum. Students in the Middle Childhood Education Program also will take 27 credits in teacher education.

#### MATHEMATICS CONCENTRATION

This 46-49 credit program will equip you to help fifth through ninth graders gain confidence and proficiency in this indispensable discipline. In the core education courses you will examine how race, socioeconomic factors and gender can impact success in the classroom; and you will master a variety of teaching techniques to motivate and maximize learning at all levels. In addition, you will strengthen your knowledge of set theory, algebra, geometry and the fundamentals of mathematical and logical thinking. To personalize your curriculum you can choose electives from a wide variety of courses—including "History of Mathematics," "Mathematical Statistics," and "Number Theory," "Complex Analysis" and "Linear Programming" -- taught by our accomplished and dedicated faculty.

#### CULMINATING EXPERIENCE

The number of credits required for the program ranges 46 to 49 credits, depending on your culminating experience. You can choose one of three culminating experiences at the end of your coursework:

- **Option 1: Student Teaching Portfolio (46 credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and

projects). Mandatory if you student teach.

- **Option 2: Comprehensive Exam (46 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.
- **Option 3: Education Thesis (49 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements, have a total of thirty credits of Math and successfully pass New York state licensure tests as well as take the required NYS workshops, you will be awarded Initial Teaching Certification by the New York State Department of Education to teach Mathematics to students in grades 5 to 9.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

#### ADMISSION REQUIREMENTS

Applicants to the M.S. in Middle Childhood Education: Mathematics must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

## M.S. in Middle Childhood Education: Social Studies (Grades 5-9)

Graduate students majoring in Middle Childhood Education (Grades 5 to 9) must select an academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Middle Childhood Education courses and provides you with specialized knowledge in one particular discipline. It is expected that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **Social Studies** (18 credits) from among the Liberal Arts and Sciences curriculum. Students in Middle Childhood Education: Social Studies also requires 27 credits in teacher education courses. Check the NYS Department of Education website for additional social studies prerequisites.

### SOCIAL STUDIES CONCENTRATION

The 45 credit program combines a comprehensive curriculum in educational theory and practice with a concentration in history that explores the record of diverse human societies and significant events in all historical eras. While mastering a range of pedagogical approaches, this program introduces you to the ways historians have applied different theoretical models to the study of the past. You will gain the ability to evaluate conflicting interpretations of historical events and to analyze a broad array of sources in social, political, religious, economic, and cultural history. You will have the opportunity to select from a range of courses including, "Ancient Historians," "Birth of the American Republic," "Capitalism and Its Discontents: 1870-1919," "History of American Women," and "Modern Latin America."

### CULMINATING EXPERIENCE

At the end of your coursework, you will complete a Comprehensive Exam with the social studies department, which is a written essay exam that assesses your knowledge of social studies. The number of credits required for the program ranges 45 to 48 credits, depending on your culminating experience. You can choose one of three culminating experiences at the end of your coursework:

- **Option 1: Student Teaching Portfolio (45 credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and projects). Mandatory if you student teach.
- **Option 2: Comprehensive Exam (45 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.

- **Option 3: Education Thesis (48 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

### TEACHING CERTIFICATION

After you complete all degree requirements and successfully pass New York state licensure tests and have thirty credits of appropriate social studies courses as well as the required NYS workshops, you will be awarded Initial Teaching Certification by the New York State Department of Education to teach Social Studies to grades 5 to 9.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

### ADMISSION REQUIREMENTS

Applicants to the M.S. in Middle Childhood Education: Social Studies must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

## M.S. in Middle Childhood Education: Spanish (Grades 5-9)

Graduate students majoring in Middle Childhood Education (Grades 5 to 9) must select an academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Middle Childhood courses and provides you with specialized knowledge in one particular discipline. This adds depth and breadth to your level of teaching expertise. It is expected that you, as a teacher, will transmit your enthusiasm for the

focused subject to young learners, helping them to grow intellectually and socially. You may select **Spanish** (18 credits\*) from among the Liberal Arts and Sciences curriculum. Students in Middle Childhood Education will also take 27 credits in teacher education courses.

### SPANISH CONCENTRATION

Spanish is the third most-spoken language in the world, after Chinese and English. The Master of Science degree program with a specialization in Spanish education combines a thorough grounding in educational theory and practice with a foreign language curriculum you can tailor to your own needs and interests. In the core education courses you will master an extensive repertoire of teaching techniques; you will examine the ways that race, class and gender impact the teaching-learning connection; and you will learn effective listening and communication skills. From the rich menu of Spanish graduate courses, you will enhance your understanding of Spanish syntax, stylistics, linguistics and literature. You will have an opportunity to choose from a rich array of electives that range from "Current Spoken Spanish" to "Cervantes and His Epoch" to "Latin American Women Poets."

At the end of your studies, you will take a written comprehensive examination consisting of essay questions that assess your knowledge of all graduate courses in the Spanish education program.

The number of credits required for the program ranges from 45 to 48 credits, depending on your culminating experience. You can choose one of three culminating experiences at the end of your coursework:

### Option 1: Student Teaching Portfolio (45 credits)

which consists of artifacts from your student-teaching experiences (i.e. lesson plans, journal of experiences, research, reports and projects). Mandatory for those who student teach.

- **Option 2: Comprehensive Exam (45 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.

### Option 3: Education Thesis (48 credits)

which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete the total degree requirements (45 credits) have thirty credits of Spanish, and successfully pass all licensure tests, as well as required state workshops, you will be awarded Initial Teaching Certification by the New York State Department of Education to teach Spanish to grades 5 to 9.

\* Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

Note: Students who have not completed at least 30 credits in the subject area in which they plan to teach must complete these credits prior to graduation in order to be recommended for initial certification as a Middle School (Specialist) or Adolescence Education teacher.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Middle Childhood Education: Spanish must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Adolescence Education (Grades 7-12)**

The Master of Science degree in Adolescence Education prepares professional teachers and leaders to address the intellectual, social and emotional needs of teenagers in grades 7 through 12.

The program is designed for individuals who have earned a bachelor's degree from an accredited university and college and who wish to begin a new career as a certified school teacher. Upon graduation, you will be eligible for Initial Teaching Certification from New York state. In addition, current teachers who have bachelor's degrees in education and Initial Teaching Certification may use this program to expand their expertise to the seventh through twelfth grade levels. This program meets the New York state master's degree requirements for Professional Teaching Certification.

The program's central goal is the preparation of outstanding teachers who are experienced in thinking critically, solving problems and working collaboratively with teen learners grades seven through twelve as well as parents and educators in public and private schools. This Master of Science program encompasses teacher education courses, which prepare you for classroom management and curriculum development, and a concentration in one of six disciplines: Biology, Earth Science, English, Mathematics, Social Studies or Spanish. Depending on the concentration you choose, the Master of Science in Adolescence Education requires 45 to 48 credits.

**ADMISSIONS REQUIREMENTS**

Applicants to the Master of Science in Adolescence Education (Grades 7 to 12) must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program. Students who do not meet this requirement are welcome to discuss their options for admissions with the graduate advisor.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Adolescence Education**

**Requirements**

(45-48 Credits)

**Adolescence Education Courses**

EDI	551	Psychology of the Adolescent Student	3.00
EDI	555	Organizational and Social Foundation of the High School	3.00
EDI	610	Curriculum and Teaching in Middle and High Schools	3.00

EDI	700	Introduction to Educational Research	3.00
EDS	633	Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)	3.00
EDS	641	Literacy In Content Areas: Grades 5-12	3.00

**Health & Substance Abuse Workshop**

HE	205A	Adolescent Health-Risk Wrkshp	0.00
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**Required Student Teaching Course**

EDI	712	Supervised Student Teaching and Seminar Grades 7-12	6.00
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**Culminating Experience:**

**Student is required to do a Comprehensive Exam or Final Project or Thesis (with course). Thesis Course**

EDI	705	Thesis Seminar	3.00
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**The minimum EDU G.P.A. is 3.00**

*Possible content subject areas are Biology, Earth Science, English, Mathematics, Social Studies and Spanish.*

**Required Content Area Teaching Methods Course**

*Students must complete one of the following based on content subject area:*

EDI	654	Methods and Materials of Teaching Modern Languages in Secondary Schools	3.00
EDI	655	Methods and Materials of Teaching Science in Secondary Schools	3.00
EDI	658	Methods and Materials of Teaching English in Secondary Schools	3.00
EDI	659	Methods and Materials of Teaching Mathematics in Secondary Schools	3.00
EDI	660	Methods and Materials of Teaching Social Studies in Secondary Schools	3.00

**Biology Requirements**

**Required Biology Courses**

**All of the following:**

BIO	505	Sources in Biological Research	3.00
BIO	513	Biological Chemistry	3.00
<b>AND one of the following:</b>			
BIO	503	Modern Concepts of Evolution	3.00
BIO	520	Cell Biology	3.00

BIO 604 Biological Chemistry Laboratory 3.00

**AND one of the following:**

BIO 510 Molecular Biology 4.00

BIO 525 Eukaryotic Genetics 3.00

BIO 530 Human Genetics 3.00

**AND one of the following:**

BIO 501 Population Ecology 3.00

BIO 517 Vascular Plants of Long Island 4.00

BIO 518 Ecology 4.00

BIO 609 Marine Ecology 3.00

**Elective Biology Course**

**At least one course/three credits from all BIO courses excluding BIO 707 or BIO 708**

Minimum Biology Credits = 18

Minimum Biology G.P.A. = 3.00

**Earth Science Requirements**

**Required Earth Science Courses**

**All of the following:**

ERS 513 The Earth Environment I 4.00

ERS 514 The Earth Environment II 4.00

**AND one of the following**

GGR 518 Topics in Applied Conservation 3.00

GLY 510 Oceanography 3.00

GLY 511 Continental Drift and Plate Tectonics 3.00

GLY 520 Sedimentary Geology 3.00

GLY 521 Stratigraphy 3.00

**Elective Earth Science Courses**

**At least nine credits of the following:**

AST 501 Spherical and Elliptical Astronomy 3.00

ERS 515 Principles of Meteorology 3.00

ERS 700 Research Problems in Earth Science 1.00

GGR 515 Principles of Meteorology 3.00

GGR 518 Topics in Applied Conservation 3.00

GLY 510 Oceanography 3.00

GLY 511 Continental Drift and Plate Tectonics 3.00

GLY 513 Marine Geology 3.00

GLY 514 Marine Sedimentary Environment 3.00

GLY 516 Physical Oceanography 3.00

GLY 517 Geomorphic Processes 3.00

GLY 518 Groundwater Geology 3.00

GLY 520 Sedimentary Geology 3.00

GLY 521 Stratigraphy 3.00

**M.S. in Adolescence Education: Pedagogy-Only**

The M.S. in Adolescence Education: Pedagogy-only degree is intended primarily for those students who have an undergraduate degree in the content area or 36 credits of study (either undergraduate or graduate) in the content area. In the case of Social Studies, degrees in history or political science (including 21 credits of history) are acceptable. At least three credits in geography must also have been completed.

In the case of applicants without an undergraduate degree in the content area, certain courses will not be counted toward the 36 qualifying credits. These courses include ungraded credits such as CLEP, Advanced Placement, Pass/Fail, and life experience, as well as content area teaching methods courses. Students not meeting these criteria or denied admission to the pedagogy-only degree are encouraged to apply to the joint M.S. in Adolescence Education degree which includes 18 credits in the following content areas: Biology, Earth Science, English, Mathematics, Social Studies and Spanish.

For applicants without a degree in the content area, the following criteria will be used to determine admission to the pedagogy-only degree.

**BIOLOGY**

Thirty-six credits in Biology with a Biology G.P.A. not less than 3.0 are required. A course in genetics is also required. All courses to be counted toward the 36 credits must have grade of B or better.

**CHEMISTRY**

Please contact the Associate Dean for the College of Liberal Arts and Sciences for specific requirements.

**EARTH SCIENCE**

Thirty-six credits in Earth Science are required, which must include no more than four introductory level courses with no more than two courses in geology or earth science, no more than one course in astronomy, no more than one course in meteorology. Students must have earned at least a B in each of the content courses. Earth science certification includes geology, astronomy, meteorology, and earth science. It does not include environmental science.

**ENGLISH**

Thirty-six credits in English (not including composition) are required, with grades of B or better in each course. The courses should include 1 course in Shakespeare, 2 courses in British literature of any kind (other than Shakespeare), 2 courses in American literature of any kind, 1 course in World literature survey, or equivalent, 1 course in research, theory, and literary analysis and 5 additional elective courses, not including freshman composition. The English Department believes the student should have as broad a range

of English courses as possible, with studies in literature related to various historical periods (from medieval to modern) and genres (poetry, fiction, drama), and with studies also in literary analysis.

**GERMAN**

Please contact the Associate Dean for the College of Liberal Arts and Sciences for specific requirements.

**ITALIAN**

Please contact the Associate Dean for the College of Liberal Arts and Sciences for specific requirements.

**MATHEMATICS**

Thirty-six credits in mathematics are required with grades of B or better and should include two semesters of calculus and analytic geometry and at least six semesters of course work from the following list:

1. Multivariable or Advanced Calculus
2. Set Theory
3. Mathematical Logic
4. Euclidean Geometry
5. Probability and Statistics
6. Abstract Algebra
7. Linear Algebra
8. Real Analysis
9. Complex Analysis
10. Differential Equations
11. Discrete Mathematical Structures

**SOCIAL STUDIES**

Thirty-six credits in social studies to include 3 credits in U.S. Government, 6 credits in a U.S. History survey, 6 credits of either a world history or a western civilization survey, 6 credits of upper-level courses that indicate a level of rigor beyond that of introductory courses and 3 credits in Geography. A social studies G.P.A. of at least 3.0 is required.

**SPANISH**

Thirty-six credits in Spanish with a minimum of a 3.0 Spanish and 3.0 cumulative G.P.A.'s are required. The Spanish credits should include a minimum of 30 credits above Level 4 (Intermediate) Spanish and should not include Spanish conversation or courses given in English.

**Adolescence Education 7-12 M.S.**

**Requirements Pedagogy Only**

(33-36 Credits)

**Social Studies Sub-Plan Requirement**

**Required Course**

EDI 660 Methods and Materials of Teaching Social Studies in Secondary Schools 3.00

**Biology Sub-Plan Requirement**

**Required Course**

EDI 655 Methods and Materials of Teaching Science in Secondary Schools 3.00

**Chemistry Sub-Plan Requirement**

**Required Course**

EDI 655	Methods and Materials of Teaching Science in Secondary Schools	3.00
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**English Sub-Plan Requirement**

**Required Course**

EDI 658	Methods and Materials of Teaching English in Secondary Schools	3.00
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**Earth Science Sub-Plan Requirement**

**Required Course**

EDI 655	Methods and Materials of Teaching Science in Secondary Schools	3.00
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**German Sub-Plan Requirement**

**Required Course**

EDI 654	Methods and Materials of Teaching Modern Languages in Secondary Schools	3.00
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**Italian Sub-Plan Requirement**

**Required Course**

EDI 654	Methods and Materials of Teaching Modern Languages in Secondary Schools	3.00
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**Mathematics Sub-Plan Requirement**

**Required Course**

EDI 659	Method and Materials of Teaching Mathematics in Secondary Schools	3.00
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**Spanish Sub-Plan Requirement**

**Required Course**

EDI 654	Methods and Materials of Teaching Modern Languages in Secondary Schools	3.00
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**M.S. Adolescence Education Requirements**

**Required Adolescence Education Core Courses**

EDI 551	Psychology of the Adolescent Student	3.00
EDI 555	Organizational and Social Foundation of the High School	3.00
EDI 610	Curriculum and Teaching in Middle and High Schools	3.00
EDI 643	Education for Cultural Diversity	3.00
EDI 677	Curriculum Development for the Classroom Teacher	3.00
EDI 700	Introduction to Educational Research	3.00

EDS 612	Literacy Teaching & Learning: Gr 5-12	3.00
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EDS 633	Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)	3.00
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EDS 641	Literacy In Content Area 5-12	3.00
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**Health and Substance Abuse Workshop**

HE 205A	Adolescent Health-Risk Wrkshp	0.00
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**Required Student Teaching Course**

EDI 712	Supervised Student Teaching and Seminar Grades 7-12	6.00
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**Culminating Experience:**

Student is required to do a Comprehensive Exam or Final Project or Thesis (with course).

**Thesis Course**

EDI 705	Thesis Seminar	3.00
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**M.S. in Adolescence Education: Biology (Grades 7-12)**

Graduate students majoring in Adolescence Education (Grades 7 to 12) must select an 18 to 21 credit academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Adolescence Education courses and provides you with specialized knowledge in one particular discipline. This adds depth and breadth to your level of teaching expertise. It is expected that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **Biology** from among the Liberal Arts and Sciences curriculum. Students in Adolescence Education will also take 27 credits in teacher education courses.

**BIOLOGY CONCENTRATION**

The Master of Science degree program with a specialization in biology education combines a thorough grounding in educational theory and practice with a biology curriculum you can tailor to your own needs and interests. In the core education courses you will master an extensive repertoire of teaching techniques; you will examine the ways that race, class and gender impact the teaching-learning connection; and you will learn effective listening and communication skills. From the rich menu of biology courses, you can choose to explore such cutting-edge fields as Human Genetics, Molecular Biology and Population Ecology, and you can elect to pursue specific topics such as "Fisheries Biology and Aquaculture," "Wildlife and Wilderness Resources" and "Vascular Plants of Long Island." To learn more about our programs and faculty, visit the Department of Biology website:

[www.liu.edu/cwpost/biology](http://www.liu.edu/cwpost/biology). The number of credits required for the program ranges 45 to 48 credits, depending on your culminating experience. You can choose one of three culminating experiences:

- **Option 1: Student Teaching Portfolio (45credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and projects). Mandatory for those who student teach.
- **Option 2: Comprehensive Exam (45 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.
- **Option 3: Education Thesis (48 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements and successfully pass New York State licensure tests as well as take required state workshops you will be awarded Initial Teaching Certification by the New York State Department of Education to teach grades 7to 12. If you are a certified teacher with three years of teaching experience, you will be eligible to apply for Professional Teaching Certification upon completion of the program.

\* Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Adolescence Education: Biology must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213

computer based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Adolescence Education:  
Earth Science (Grades 7-12)**

Graduate students majoring in Adolescence Education (Grades 7 to 12) may select an academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Adolescence Education courses and provides you with specialized knowledge in one particular discipline. This adds depth and breadth to your level of teaching expertise. Our hope that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **Earth Science** (20 credits) from among the Liberal Arts and Sciences curriculum. Students in Adolescence Education: Earth Science also will take 27 credits in teacher education courses.

**EARTH SCIENCE CONCENTRATION**

Earth science explores the interrelations among the four systems that make up our planet: the atmosphere (air), the hydrosphere (water), the lithosphere (the solid earth), and the biosphere (all living creatures). Within the 47-credit Master of Science program in Adolescence Education (Grades 7 to 12) in Earth Science, you will be prepared to guide middle or high school students to a deeper understanding of their own environments, including climate change, and the challenge of managing natural resources for the common good. Along with education courses that cover teaching concepts from "Psychology of the Adolescent Student" to "Methods and Materials of Teaching Science in Secondary Schools," you will take a two-semester course in "The Earth Environment," and you will have an opportunity to choose electives that deal with such topics as "Continental Drift and Plate Tectonics," "Environmental Geochemistry" and "Principles of Meteorology." These courses will help you understand the interactions of human beings within their natural and physical environments. The course of study follows an orderly path to a broader and deeper comprehension of the earth sciences.

The number of credits required for the program ranges 47 to 50 credits, depending on your culminating experience. You can choose one of three culminating experiences:

- **Option 1: Student Teaching Portfolio (47credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and projects). Mandatory for those who student teach.

- **Option 2: Comprehensive Exam (47 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.
- **Option 3: Education Thesis (50 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements and successfully pass New York State licensure tests as well as take required state workshops you will be awarded Initial Teaching Certification by the New York State Department of Education to teach grades 7 to 12. If you are a certified teacher with three years of teaching experience, you will be eligible to apply for Professional Teaching Certification upon completion of the program.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Adolescence Education: Earth Science must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program. Students who do not meet this requirement are welcome to discuss their options for admissions with the graduate advisor.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Adolescence Education:  
English (Grades 7-12)**

Graduate students majoring in Adolescence Education (Grades 7 to 12) must select an academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Adolescence Childhood courses and provides you with specialized knowledge in one particular discipline. This adds depth and breadth to your level of teaching expertise. It is expected that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **English** from among the Liberal Arts and Sciences curriculum (18 credits). Students in the Adolescence Education program also will take 27 credits in teacher education courses.

**ENGLISH CONCENTRATION**

The 45 to 48 credit graduate degree program will prepare you to teach English to young learners (ages 9 to 14) while deepening your knowledge and appreciation of the English language and its great literature. In addition to studying the psychology of the adolescent student and mastering a variety of teaching techniques, you will have an opportunity take 18 credits in English, including "Research Method and Critical Writing." Additional English courses must be taken in five of six broad areas of study (Early Literature and Language, Literature of the English Renaissance, Literature of the Restoration and Eighteenth Century, Nineteenth-century British Literature, American Literature of any period, and Modern Literature of any country). The Department of English offers more than 40 elective courses in a rich array of subjects that range from 'Rhetoric,' 'Style and Syntax' and 'Psycholinguistics' to 'Metaphysical Poetry,' 'The Irish Literary Renaissance,' and 'Contemporary American Drama.' To learn more about our programs and faculty, visit the Department of English website: [www.liu.edu/cwpost/english](http://www.liu.edu/cwpost/english).

**CULMINATING EXPERIENCE**

The number of credits required for the program ranges 45 to 48 credits, depending on your culminating experience. You can choose one of three culminating experiences at the end of your coursework:

- **Option 1: Student Teaching Portfolio (45 credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and projects)
- **Option 2: Comprehensive Exam (45 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.

- **Option 3: Education Thesis (48 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements and successfully pass New York State licensure tests as well as take required state workshops you will be awarded Initial Teaching Certification by the New York State Department of Education to teach grades 7 to 12. If you are a certified teacher with three years of teaching experience, you will be eligible to apply for Professional Teaching Certification upon completion of the program.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

#### ADMISSION REQUIREMENTS

Applicants to the M.S. in Adolescence Education: English must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Academic writing sample
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

### M.S. in Adolescence Education: Mathematics (Grades 7-12)

Graduate students majoring in Adolescence Education (Grades 7 to 12) must select an academic specialty (19 to 22 credits) from the Liberal Arts and Sciences curriculum. Such study complements the Adolescence Education courses and provides you with specialized knowledge in one particular discipline. It is expected that you, as

a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **Mathematics** from among the Liberal Arts and Sciences curriculum. Students in Adolescence Education will also take 27 credits in teacher education courses.

#### MATHEMATICS CONCENTRATION

This 46-49 credit program will equip you to help 7-12th graders gain confidence and proficiency in this indispensable discipline. In the core education courses you will examine how race, socioeconomic factors and gender can impact success in the classroom; and you will master a variety of teaching techniques to motivate and maximize learning at all levels. In addition, you will strengthen your knowledge of set theory, algebra, geometry and the fundamentals of mathematical and logical thinking. To personalize your curriculum you can choose electives from a wide variety of courses—including "History of Mathematics," "Mathematical Statistics," and "Number Theory," "Complex Analysis" and "Linear Programming" -- taught by our accomplished and dedicated faculty.

#### CULMINATING EXPERIENCE

The number of credits required for the program ranges 46 to 49 credits, depending on your culminating experience. You can choose one of three culminating experiences at the end of your coursework:

- **Option 1: Student Teaching Portfolio (46 credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and projects)
- **Option 2: Comprehensive Exam (46 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.
- **Option 3: Education Thesis (49 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements and successfully pass New York State licensure tests as well as the required state workshops, you will be awarded Initial Teaching Certification by the New York State Department of Education to teach English to grades 7 to 12.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements

#### ADMISSION REQUIREMENTS

Applicants to the M.S. in Adolescence Education: Mathematics must meet the following

requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

### M.S. in Adolescence Education: Social Studies (Grades 7-12)

Graduate students majoring in Adolescence Education (Grades 7 to 12) must select an academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Adolescence Education courses and provides you with specialized knowledge in one particular discipline. This adds depth and breadth to your level of teaching expertise. It is expected that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **Social Studies** (18 credits) from among the Liberal Arts and Sciences curriculum. Students in Adolescence Education: Social Studies also will take 27 credits in teacher education courses.

#### SOCIAL STUDIES CONCENTRATION

The 45 credit program combines a comprehensive curriculum in educational theory and practice with a concentration in history that explores the record of diverse human societies and significant events in all historical eras. While mastering a range of pedagogical approaches, this program introduces you to the ways historians have applied different theoretical models to the study of the past. You will gain the ability to evaluate conflicting interpretations of historical events and to analyze a broad array of sources in social, political, religious, economic, and cultural history. You will have the opportunity to select from a range of courses including, "Ancient Historians," "Birth of the American Republic,"

"Capitalism and Its Discontents: 1870-1919," "History of American Women," and "Modern Latin America." To learn more about our programs and faculty, visit the Department of History website: [www.liu.edu/cwpost/history](http://www.liu.edu/cwpost/history).

**CULMINATING EXPERIENCE**

The number of credits required for the program ranges 45 to 48 credits, depending on your culminating experience. You can choose one of three culminating experiences at the end of your coursework:

- **Option 1: Student Teaching Portfolio (45 credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and projects)
- **Option 2: Comprehensive Exam (45 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.
- **Option 3: Education Thesis (48 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements and successfully pass New York State licensure tests as well as the required state workshops, you will be awarded Initial Teaching Certification by the New York State Department of Education to teach Social Studies to grades 7 to 12.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Adolescence Education: Social Studies must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable

TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

**M.S. in Adolescence Education: Spanish (Grades 7-12)**

Graduate students majoring in Adolescence Education (Grades 7 to 12) must select an academic specialty from the Liberal Arts and Sciences curriculum. Such study complements the Adolescence Education courses and provides you with specialized knowledge in one particular discipline. This adds depth and breadth to your level of teaching expertise. It is expected that you, as a teacher, will transmit your enthusiasm for the focused subject to young learners, helping them to grow intellectually and socially. You may select **Spanish** (18 credits\*) from among the Liberal Arts and Sciences curriculum. Students in Adolescence Education will also take 27 credits in teacher education courses.

**SPANISH CONCENTRATION**

Spanish is the third most-spoken language in the world, after Chinese and English. The Master of Science degree program with a specialization in Spanish education combines a thorough grounding in educational theory and practice with a foreign language curriculum you can tailor to your own needs and interests. In the core education courses you will master an extensive repertoire of teaching techniques; you will examine the ways that race, class and gender impact the teaching-learning connection; and you will learn effective listening and communication skills. From the rich menu of Spanish graduate courses, you will enhance your understanding of Spanish syntax, stylistics, linguistics and literature. You will have an opportunity to choose from a rich array of electives that range from "Current Spoken Spanish" to "Cervantes and His Epoch" to "Latin American Women Poets."

At the end of your studies, you will take a written comprehensive examination consisting of essay questions that assess your knowledge of all graduate courses in the Spanish education program.

After you complete the total degree requirements (45 credits) and successfully pass all licensure tests as well as required state workshops, you will be awarded Initial Teaching Certification by the New York State Department of Education to teach Spanish to grades 7 to 12.

\*Note: Students who have not completed at least 30 credits in the subject area in which they teach must complete these credits prior to graduation in order to be recommended for initial certification as a Middle School (Specialist) or

Adolescence Education teacher.

The number of credits required for the program ranges 45 to 48 credits, depending on your culminating experience. You can choose one of three culminating experiences at the end of your coursework:

- **Option 1: Student Teaching Portfolio (45 credits)**, which consists of artifacts from your student-teaching experiences (i.e., lesson plans, journal of experiences, research, reports and projects)
- **Option 2: Comprehensive Exam (45 credits)**, which is a written essay exam that assesses your knowledge of teaching and the teaching process that was acquired throughout the program's coursework. There is no thesis/research paper required for this option. This option is for students whose student-teaching requirements are waived.
- **Option 3: Education Thesis (48 credits)**, which consists of an original research paper. This option requires three additional credits. Students can pursue the thesis in lieu of the Comprehensive Exam or in addition to the Student Teaching Portfolio. This is an option sought by students who plan deeper research at the post-master's level.

After you complete all degree requirements and successfully pass New York State licensure tests as well as the required state workshops, you will be awarded Initial Teaching Certification by the New York State Department of Education to teach Spanish to grades 7 to 12.

Please refer to the NYSED certification website ([www.highered.nysed.gov/tcert/](http://www.highered.nysed.gov/tcert/)) for the most up to date changes in certification requirements.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Adolescence Education: Spanish must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.



**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Educational Technology**

The M.S. in Educational Technology program is designed for certified K - 12 teachers to qualify for their New York State professional certification in their classroom teaching certificate and qualify them to become certified as an Educational Technology Specialist.

It also is designed for the teacher who wants to be part of the changing world of education caused by constantly evolving technologies. The program moves your thinking from the bricks-and-mortar style of learning to learning that builds communities of practice within the virtual world of cloud technologies, on-line learning materials, and multi-media.

Courses are offered in the blended format, combining in-classroom and online studies. To qualify for the initial or professional certificate as an Educational Technology Specialist, the candidate must complete the equivalent of 50 hours of field experience or practicum in the elementary or secondary schools. It should also be noted that among other requirements the student must pass the NYSTCE Content Specialty Test (71) Educational Technology Specialist.

**Cohorts**

The program uses a cohort approach that joins 20 to 25 students who stay together from the start of the program until its completion. You will be teamed up with students with a variety of experience and career goals. Together you will emerge as teachers with expertise in using and applying web-based tools for 21st century communications, content creation and access, and personal and group learning in a virtual world. These skills will transform and enrich a variety of your teaching and learning experiences. You can still teach music, math, history, English, or your area of specialty, but you will teach it with greater creativity and a wider knowledge of learning applications that incorporate current and emerging technologies.

Our students' varied backgrounds and disciplines make for a rich and rewarding experience. Faculty have experience working with students in pre-K through high school, in all disciplines and special subject areas, in special education, guidance, etc.

Our cohorts work equally well with varied technology expertise. This dynamic enhances the overall classroom experience and strengthens the learning experience for all.

**M.S. in Educational Technology**

**Requirements**

**Required Course**

EDT 908B Assistive & Instructional Technologies for Individuals w/Disabilities: Current Research & Practice 3.00

**Required Culminating Experience**

EDT 776A Culminating Experience: Issues, Challenges, and Opportunities for Applying Technologies in Learning 3.00

EDT 776B Culminating Experience: Actualizing Systemic Technology-Based Learning 3.00

**Additional Educational Technology Courses**

**Seven (7) courses from the following graduate EDT or EDI Courses are selected by the program directors prior to creation of cohorts. Course selection is made to best fit the needs of the cohort group being formed.**

EDT 706 Foundations of Educational Technology: Learning Theories, Critical Thinking, and Technologies for Teaching and Learning 3.00

EDT 716 Understanding Developmentally Appropriate Educational Technologies for Improving Learning Communities and Learning Systems 3.00

EDT 726 Foundations of Educational Technology II: Fundamentals of Educational Research in Technology-Enriched Learning and Evaluation 3.00

EDT 736 Applying Educational Technologies for Building Learning Communities and Learning Systems 3.00

EDT 746 Outcomes Assessment for Educational Technologists 3.00

EDT 756 Understanding the Role of Educational Technologies in Changing School Cultures, Organizations and Communities 3.00

EDT 766 Designing and Evaluating Assessment Plans for Technology-Enriched Theoretically-Grounded Learning Environments 3.00

EDT 661 Transforming Communities of Practice: Applications, Technologies & Implementation 3.00

EDT 662 Transforming Communities of Practice: Technology-Rich Learning Environments 3.00

EDT 663 Technologies in the 21st Century: Applying Digital Media and Multimedia in Teaching and Learning 3.00

**M.S. in Music Education (Birth to Grade 12)**

To teach music is to introduce children to an art form that is basic to all of humanity. But the benefits of music education go far beyond learning to sing, play and appreciate music. Cognitive development, fine motor skills, cultural awareness and increased intellectual capacity all progress from the study of music. Music education combines the joy of artistic expression with the challenge and rewards of classroom instruction.

The Master of Science in Music Education prepares professional music teachers and leaders to work with children of all ages, from infants, toddlers and preschoolers to elementary, middle and high school students in New York State. The program includes a semester of student teaching in elementary and secondary schools as well as comprehensive coursework in the social and psychological aspects of teaching and modern educational methods and materials. Students who elect to waive student teaching are required to take an additional 6 credits lieu of student teaching and pass a comprehensive examination.

A joint program of the LIU Post College of Education, Information and Technology and School of Visual and Performing Arts, the M.S. in Music Education offers two plans of study – a **42-credit plan for initial teaching certification** by the New York State Education Department and a **36-credit plan leading to professional certification**, for students with a significant background in education.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science in Music Education must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or

graduate transcripts from any college(s) or universities you have attended.

- Have an undergraduate major in music or music education or must have a minimum of 36 credits in music classes
- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate studies or successful completion of another master's degree.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Appear before a faculty member or panel, either individually or as a participant in a group situation, for assessment of interpersonal and musicianship skills.
- Submit a current résumé
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. Music Education: Initial**

**Certification Sub-Plan**

(42 Credits)

**Required Music Education Courses**

**Graduate Music Teaching & Learning Seminar**

MUS 632	Graduate Music Teaching & Learning Seminar	1.00
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**Classroom Methods**

MUS 634	Enhancing Literacy Through Teaching Music in Special Education	3.00
MUS 651	Teaching Music in the Elementary School	3.00

**Conducting**

**2 credits from the following:**

MUS 630	Conducting I	2.00
MUS 679A	Studio Lessons: Advanced Conducting	1.00
MUS 679B	Studio Lessons: Advanced Conducting	2.00

**Keyboard and Musicianship Skills**

MUS 633	Musicianship for Music Teachers	2.00
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**Music Technology**

MUS 673	Technology and Music Education	2.00
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**Required Music Education Option Course**

**One of the following sets of courses:**

**Instrumental Music Option**

**5 credits from the following:**

MUS 635	Brass Methods	1.00
MUS 636	Percussion Methods	1.00
MUS 637	Woodwind Methods	1.00
MUS 638	Instrumental Music Methods	2.00
MUS 639	String Methods	1.00

**OR**

**Vocal Music Option**

**4 credits from the following:**

MUS 548	Vocal Pedagogy	2.00
MUS 662	Secondary Choral Music Methods	2.00

**Required Music Education Pedagogy Courses**

EDI 600	Psychological Foundations of Education	3.00
EDI 601	Social Foundations of American Education	3.00
EDI 610	General Methods of Teaching	3.00
EDI 643	Education for Cultural Diversity	3.00
EDI 652	Methods and Materials of Teaching Music in Secondary Schools	3.00
EDI 700	Introduction to Educational Research	3.00
EDI 711	Supervised Student Teaching and Seminar in the Middle School	6.00

**Required M.S. Music Education**

**Culminating Experience**

**OR**

**Required Thesis Course**

EDI 705	Thesis Seminar	3.00
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**M.S. Music Education: Initial**

**Certification MUS G.P.A.**

The minimum Music (MUS) G.P.A. is 3.00

**M.S. Music Education: Professional**

**Certification Sub-Plan**

**Elective Music Education Courses**

**9 credits of the following:**

MUS 548	Vocal Pedagogy	2.00
MUS 630	Conducting I	2.00
MUS 632	Graduate Music Teaching & Learning Seminar	1.00
MUS 633	Musicianship for Music Teachers	2.00

MUS 634	Enhancing Literacy Through Teaching Music in Special Education	3.00
MUS 635	Brass Methods	1.00
MUS 636	Percussion Methods	1.00
MUS 637	Woodwind Methods	1.00
MUS 638	Instrumental Music Methods	2.00
MUS 639	String Methods	1.00
MUS 651	Teaching Music in the Elementary School	3.00
MUS 662	Secondary Choral Music Methods	2.00
MUS 673	Technology and Music Education	2.00
MUS 679A	Studio Lessons: Advanced Conducting	1.00
MUS 679B	Studio Lessons: Advanced Conducting	2.00

**Required Music Education Pedagogy Courses**

EDI 603	Advanced Topics in Psychology of Teaching	3.00
EDI 606	Contemporary Issues in American Education	3.00
EDI 642	Contemporary Philosophy Of Education	3.00
EDI 643	Education for Cultural Diversity	3.00
EDI 677	Curriculum Development for the Classroom Teacher	3.00
EDI 700	Introduction to Educational Research	3.00

**Required M.S. Music Education**

**Culminating Experience**

**OR**

**Required Thesis Course**

EDI 705	Thesis Seminar	3.00
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**M.S. Music Education: Professional**

**Certification MUS G.P.A.**

The minimum Music (MUS) G.P.A. is 3.00

**M.A. in Teaching English to Speakers of Other Languages (TESOL)**

Imagine being in a room where everyone is speaking a language completely unfamiliar to you. Many students in our local schools face this problem on a daily basis. The Master of Arts program in TESOL program prepares you to help children in all grades to overcome language barriers and learn how to speak the English language effectively. You will develop a greater

awareness of the special needs of children in multilingual/multicultural school districts. This highly specialized program - which prepares you for New York State certification - also provides advanced training for experienced TESOL teachers, supervisors and administrators.

Students can choose either face-to-face or blended format options. The program is 39-42 credits depending on course selection and the culminating experience.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Teaching English to Speakers of Other Languages must meet the following requirements for admission.

- Application for Admission
- Application fee: \$ 40 (non-refundable) Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 2.5 overall and 2.75 in major grade point average or equivalent in a bachelor's program.
- Personal Statement that addresses the reason why you are interested in pursuing graduate work in this area of study.
- Students are required to have 12 credits in a Foreign Language (may be waived for Bilingual Students)
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: **79 Internet-based** (213 computer-based or 550 paper based) or minimum IELTS score: 6.5.

**M.A. Teaching English to Speakers of Other Languages (39-42 credits)**

**M.A. TESOL Core Requirements**

**Education Courses**

EDI	600	Psychological Foundations of Education	3.00
EDI	601	Social Foundations of American Education	3.00
EDI	643	Education for Cultural Diversity	3.00
EDI	700	Introduction to Educational Research	3.00
EDS	633	Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)	3.00

**Methods & Materials Courses**

EDI	650	Methods and Materials in Teaching English to Speakers of Other Languages or Dialects	3.00
EDI	679	Advanced Methods and Evaluation in TESOL	3.00

EDI	689	TESOL in Content Areas: Science, Humanities and Social Science	3.00
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**Required Adolescent Health-Risk Workshop**

HE	205A	Adolescent Health-Risk Wrkshp	0.00
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**Educational Theory & Practice Courses**

EDI	630	Second-Language Literature Acquisition	3.00
EDI	680	Bilingual Education and ESL: Theory and Practice	3.00

**Co-Related Content Course**

ENG	512	Descriptive Linguistics	3.00
(LIN	512	Descriptive Linguistics	3.00)

**One of the following Student Teaching or Practicum Course and Elective**

EDI	726	Supervised Student Teaching and Seminar in Teaching English to Speakers of Other Languages (K-12)	6.00
EDI	620	Practicum In TESOL and 3 credit elective if student teaching is waived	3.00
EDI		Elective in Education	3.00

**Culminating Experience Requirements:**

Comprehensive Exam or Final project

**Or**

**Thesis**

EDI	705	Thesis Seminar	3.00
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**M.A. Teaching Education to Speakers of Other Languages G.P.A. Requirements Minimum G.P.A. is 3.00**

**M.S. in Art Education**

**Joint Program with School of Visual and Performing Arts**

The Master of Science in Art Education (Birth to Grade 12) offers a unique opportunity for students to advance their development as creative artists while sharing their love of art with young people in public and private schools.

The plan of study is aimed at advancing each candidate as both artist and teacher. Candidates in the program sharpen their design and drawing skills through studio classes and workshops in traditional and electronic media. Students also take courses aimed at enhancing their teaching skills and exploring the psychological, philosophical and social foundations of art education.

With input and guidance from two graduate advisors each student designs a personalized curriculum that reflects his or her strengths and professional goals.

The program is accredited by the Teacher Education Accreditation Council, which signifies that it meets the highest standards of quality in preparing competent, caring and qualified

professional educators in public and private schools.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science in Art Education must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree in art education with at least a 3.0 cumulative grade point average from an accredited school which meets the New York State requirements for certification or have completed an undergraduate major in art from an accredited school with a minimum of 36 credits in Studio Art classes. If the applicant has fewer than 36 undergraduate Studio Art credits he/she will only be excepted as a "limited-matriculant" until this New York State requirement is satisfied. Also, if the Art Department faculty feels it is necessary, after reviewing an applicant's portfolio, they may require that the student take additional Art and/or Art History courses to eliminate a deficiency before being admitted into the master's degree program. These credits cannot be applied toward the master's degree. The student's status will be "limited-matriculant" until these courses are completed and a grade of B or better is attained. In some cases a second portfolio review will be required for full matriculation.
- A portfolio, evaluated by the Art Department faculty, is required for admission. The portfolio must be submitted to the Art Department Graduate Studies Office and should contain 15 to 20 samples of your most recent work and a numbered inventory list. Samples can be either original works, slides (enclosed in a slide page), CD or DVD. Photography applicants are encouraged to submit a portfolio of 20 original prints.
- Personal Artist Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**SPECIAL REQUIREMENTS FOR TRANSFER STUDENTS**

- If pertinent to the applicant's plan of study, a maximum of 12 graduate credits with a grade of B or better may be transferred from another university's graduate program (15 credits from

within LIU).

- The transfer will take place after the completion of 15 credits within this program but the request must be made at the time of the original application to the degree program and must be approved by the Graduate Advisor.

**Send application materials, with the exception of the portfolio, to:**

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

Fax: 516-299-2137

E-mail: enroll@cwpost.liu.edu

**The portfolio should be mailed to:**

Art Department Graduate Studies Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

Phone: 516-299-2465

Email: seung.lee@liu.edu

(Please indicate degree applying for on portfolio)

**M.S. in Art Education Initial Certification Requirements**

(45 Credits)

**Initial Certification Courses**

EDI	600	Psychological Foundations of Education	3.00
EDI	601	Social Foundations of American Education	3.00
EDI	610	General Methods of Teaching	3.00
EDI	643	Education for Cultural Diversity	3.00
EDI	651	Methods and Materials of Teaching Art in Secondary Schools	3.00
EDI	700	Introduction to Educational Research	3.00
EDI	712	Supervised Student Teaching and Seminar Grades 7-12	6.00
HE	205A	Adolescent Health-Risk Wrkshp	0.00
ARTH	609	Special Populations in Child / Adolescent Art Therapy and Art Education	3.00

**Required Art Courses**

ART	660	Philosophy of Art Education	3.00
ART	661	Elementary Art Education Studio Workshop	3.00
ART	664	Literacy and Learning Through the Visual Arts	3.00

**One of the following:**

ART	517	Design I	3.00
ART	611	Drawing I	3.00

**Choose one (1) Elective Directed Art Studio Course (3 credits)**

ART	517	Design I	3.00
ART	519	Photography	3.00
ART	520	Advanced Photography	3.00
ART	590	Graduate Projects	3.00
ART	591	Graduate Projects	3.00
ART	592	Graduate Projects	3.00
ART	593	Graduate Projects	3.00
ART	602	Photo Workshop	3.00
ART	603	Color Photography Printing	3.00
ART	605	Photography Studio I	3.00
ART	606	Photography Studio II	3.00
ART	611	Drawing I	3.00
ART	612	Drawing II	3.00
ART	613	Painting I	3.00
ART	614	Painting II	3.00
ART	615	Painting III	3.00
ART	616	Painting IV	3.00
ART	621	Printmaking I	3.00
ART	622	Printmaking II	3.00
ART	623	Printmaking III	3.00
ART	624	Printmaking IV	3.00
ART	635	Sculpture I	3.00
ART	636	Sculpture II	3.00
ART	637	Sculpture III	3.00
ART	638	Sculpture IV	3.00
CGPH	601	Graduate Computer Graphics	3.00
CGPH	602	Graduate Digital Design	3.00
CGPH	603	Motion Graphics	3.00
CGPH	604	Web Design Portfolio For Artists	3.00

**Choose one (1) Elective Art History Course (3 credits)**

ART	581	Art History Colloquium	3.00
ART	585	Art History Independent Study	3.00
ART	671	History of Contemporary Art	3.00
ART	672	Problems in Contemporary Art	3.00

ART	679	History Of Photography	3.00
ART	680	Concepts and Issues in Contemporary Photography	3.00

## Education Courses

### **EDI 550 Psychology of the Early Adolescent Student**

This course examines various aspects of early adolescent psychological development, including cognition, social relationships, stress, self-esteem, political and moral development. Considerable attention is given to gender, race, ethnicity, the special early adolescent and the "at-risk" student. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 15 hours of fieldwork will be required.

*Credits: 3*

*Every Fall and Spring*

### **EDI 551 Psychology of the Adolescent Student**

This course examines various aspects of adolescent psychological development, including cognition, social relationships, stress, self esteem and political and moral development. Considerable attention is given to gender, race, ethnicity, the special adolescent and the "at risk" student. The use of the technology as related to teaching and learning will be examined. This course will require a writing component. Also, 15 hours of fieldwork will be required.

*Credits: 3*

*Every Fall and Spring*

### **EDI 554 Organization and School Foundation of the Middle School**

Foundational aspects of middle school education are explored in this course which traces the development of the middle school, providing theoretical and practical examples of successful proposals and projects. Issues and problems relating to governance, structure, and middle school constituencies are studied. The use of technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 15 hours of field work will be required.

*Credits: 3*

*Every Fall and Spring*

### **EDI 555 Organizational and Social Foundation of the High School**

This course explores the foundational aspects of high school education. Various perspectives will aid the asking/answering of foundational questions, such as: How do philosophy and culture inform how students at the high school levels think about teaching and learning? What is the teaching-learning connection? Is learning the same as developing? By engaging in dialectical methods of critical inquiry, students will reexamine the philosophical, sociological, historical, political and cultural contexts of their educational pedagogy. To this effect, traditional definitions of race, class and gender will also be explored with emphasis on issues of ethnicity, sexual orientation, religious

affiliation and the relationship between the public and the private notions of identity. This course will further examine the underpinnings of such belief structures and explore alternate ways of knowing. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 15 hours of field work will be required.

*Credits: 3*

*Every Fall and Spring*

### **EDI 600 Psychological Foundations of Education**

This course is designed to introduce students to psychological theories and principles which affect teaching, learning and development. Students have the opportunity to observe student and teacher behavior as well as classroom environments in order to identify operative psychological theories and principles. The use of the technology and learning will be examined. This course will require a writing component. Also, 10 hours of fieldwork will be required.

*Credits: 3*

*Every Fall, Spring and Summer*

### **EDI 601 Social Foundations of American Education**

This course introduces students to the social, economic, political and intellectual foundations of American education. It describes the development of the American school system in a rapidly changing environment, with emphasis on the relationship between education and society. Main topics to be explored are the structure and purposes of schooling, the professionalization of teaching, educational policy making and school social factors influencing teaching and learning, and the relationship between education and work. Class discussions are based upon both primary and secondary sources. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 10 hours of fieldwork will be required.

*Credits: 3*

*Every Fall, Spring and Summer*

### **EDI 603 Advanced Topics in Psychology of Teaching**

This course is an analysis of how school conditions, including teachers and behavior, influence students' acquisition and subsequent application of information and abilities. Emphasis is on setting educational objectives and managing classroom variables to help students achieve them. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 10 hours of fieldwork will be required.

*Credits: 3*

*On Occasion*

### **EDI 604 Early Child Development: Birth to Grade 2**

Scientific findings on the physical, intellectual, emotional and social development of young

children, birth to grade two are examined. The integration of perception, cognition and the growth of the total personality are stressed, and their significance for teaching and guidance processes is emphasized. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 10 hours of fieldwork will be required.

*Credits: 3*

*Every Fall, Spring and Summer*

### **EDI 606 Contemporary Issues in American Education**

The course offers analyses of selected contemporary issues in American education. The issues are considered in terms of their origin, present institutional manifestations and socio-economic policy implications for schooling or education at the district, state and national levels of American society. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 10 hours of fieldwork will be required.

*Credits: 3*

*On Occasion*

### **EDI 608 Issues In Gender and Education**

This course investigates various issues and theories of gender, including such possible areas as how gender affects ways of thinking, cognitive and emotional development, ethics and moral development, learning, curriculum design and assessment. In all cases, there are considerations of how gender issues should affect classroom organization and teaching practice. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Credits: 3*

*On Occasion*

### **EDI 609 Gender & Language in the Classroom**

To raise awareness of the ways gender affects students and teachers in classrooms, this course examines the strategies and approaches female and male students use to process their learning through language. Specifically, the course focuses on the ways males and females speak, write and interpret what they read, participate in classroom discussions, and interact with male and female peers and teachers. The research, conducted primarily in U.S. and British classrooms, looks at different racial, socio-economic, age and ethnic learners. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Credits: 3*

*On Occasion*

### **EDI 610 General Methods of Teaching in Middle and High School**

Cross-listed as LIS 625

This course is a study of generic instructional

techniques in which the student begins to explore the development of a repertoire of methodologies and materials to match instructional purposes. Students are expected to demonstrate mastery in a variety of teaching methods. The use of technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 20 hours of fieldwork will be required.

*Prerequisite of EDI 551, 555, 643, 677 or EDI 551,555,556 are required. Students in Art Education MS and Music Education MS require prerequisites of EDI 600 and EDI 601.*  
Credits: 3  
Every Fall and Spring

**EDI 612 Teaching Social Studies in Grades 1-6**

This course examines social studies curriculum development through examination of theory and current practices in the school. Inquiry approach, model development, organizational patterns and teaching strategies are examined through current research. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601, and EDS 610 are required.*  
Credits: 3  
Every Fall, Spring and Summer

**EDI 613 Teaching Mathematics in Grades 1-6**

Educational and psychological dimensions of learning and teaching mathematics in grades K-6 are examined in the context of current trends in mathematics education. The development of mathematics concepts and understandings is explored through relevant activities and materials. Model programs and teaching approaches are discussed in light of current recommendations for mathematics education. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601, and EDS 610 are required.*  
Credits: 3  
Every Fall, Spring and Summer

**EDI 614 Teaching Science in Grades 1-6**

This course is an examination of existing programs, materials and problems of science education in the light of current psychological and philosophical theories. Development of science activities with emphasis on the process of science, conceptual understanding, meeting individual differences, discovery approach and utilization of inexpensive, easily available materials for experiments and demonstrations are covered. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601, and EDS 610 are required.*  
Credits: 3  
Every Spring and Summer

**EDI 615 Early Childhood Curriculum: Birth to Preschool**

Models, principles, curriculum and practices of developmentally appropriate infant, toddler and preschool care giving; emphasis on knowledge, skills and dispositions necessary to plan and facilitate development of infants, toddlers and preschoolers. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601 and 604 are required.*  
Credits: 3  
Every Fall

**EDI 616 Early Childhood Curriculum: Kindergarten to Grade 2**

Models, principles, curriculum and practices of developmentally appropriate kindergarten, first and second grade education; emphasis on knowledge, skills and dispositions necessary to plan and facilitate the development of school-age children. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601 and 604 are required.*  
Credits: 3  
Every Spring

**EDI 618 Creative Expression for Early Childhood**

Techniques for instructing young children to handle various art materials creatively and expressively are examined. Techniques of storytelling, creative dramatics and related language activities for use with young children are included in this course along with the integration of the creative arts into the total curriculum. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 10 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601 and 604 are required.*  
Credits: 3  
Every Spring

**EDI 620 Practicum In TESOL**

TESOL Practicum.  
Credits: 3  
Every Fall and Spring

**EDI 625 Observation and Assessment in Early Childhood**

Developmental perspective on measurement and evaluation in early childhood years. Considers standardized tests, observations, checklists, rating scales, portfolios and teacher-designed tests and rubrics; their advantages and disadvantages for use with young children; and professional ethical issues pertaining to evaluating young children. The use of

the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601 and 604 are required.*  
Credits: 3  
Every Spring

**EDI 630 Second-Language Literature Acquisition**

The core of literacy is the construction of meaning, either through the creation of one's own text or the interpretation of texts written by others. This course provides a theoretical and practical background in the issues related to the development of reading and writing for second language/bilingual children, adolescents, and adults in Pre-K to College settings. In particular, we will focus on: how and when to teach literacy skills in native languages; the question of transfer of reading skills from native to a second language; the cultural and socioeconomic dimensions of literacy, biliteracy and illiteracy; teaching and learning strategies affecting literacy acquisition from a native to a second language; and developing advanced literacy through the language arts and literature. We will begin by examining research on children's first and second language literacy acquisition in the settings of home, community and in schools. From there we will move on to what this means for daily work in classrooms with second language learners of various ages and linguistic, ethnic, cultural, and socioeconomic backgrounds. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601, and EDS 610 are required.*  
Credits: 3  
Every Spring

**EDI 639 Play In the Curriculum**

Students will gain an understanding of the direct link between play and early childhood development. It will explore the connection between how play supports the curriculum and how the curriculum supports play. The focus will be on theories of play with the goal of developing the whole child. There will be a synthesis of theory and practice. 10 hours of fieldwork will be required.

The use of the technology as it relates to teaching and learning will be integrated into the course work. This course will require a writing component.  
*Prerequisite of EDI 600, 601 and 604 are required.*  
Credits: 3  
Every Fall

**EDI 642 Contemporary Philosophy Of Education**

This course is an overview of major contemporary philosophies of education. Considerable attention is given to the practical application of the various theories of reality, knowledge and value to the classroom situation. The student is encouraged to develop his or her own philosophy through dealing

with educational problems he or she has encountered. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Credits: 3*

*On Occasion*

#### **EDI 643 Education for Cultural Diversity**

The principles and practices of multicultural education are studied in this course, which provides a practical approach to implementation of a culturally diverse Curriculum and Instruction.

Major issues covered include human rights, involvement of parents and the community, criteria for multicultural curricula, assessment and evaluation strategies, global issues in education, and formulating an agenda for educational and social action. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also 10 hours of fieldwork will be required.

*Credits: 3*

*Every Fall and Spring*

#### **EDI 650 Methods and Materials in Teaching English to Speakers of Other Languages or Dialects**

This is a basic course in the analysis of the teaching of grammar, pronunciation, reading and vocabulary development to students who speak other languages or nonstandard dialects of English, using the principles and application of descriptive linguistics and including problems of cross-cultural communication, and a survey of methods, materials, techniques and media appropriate for individual and group instruction on the elementary, secondary, adult and college levels. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 15 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601, and EDS 610 are required.*

*Credits: 3*

*Every Fall*

#### **EDI 651 Methods and Materials of Teaching Art in Secondary Schools**

This course is a consideration of the principles and practices of Art Education. The elementary through high school curricula are examined and studied in relation to student needs and current Art curriculum standards. Methods, materials and teaching aids are considered for each developmental level. Each student is required to make 15 hours of observations of art classes in a public placement. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component.

*Prerequisite of ART 660, 661, EDI 600, 601 and 610 are required.*

*Credits: 3*

*Every Fall*

#### **EDI 652 Methods and Materials of Teaching Music in Secondary Schools**

This course will cover the insight that will be necessary to teach Music in the public schools. You will study the latest innovations in teaching music and develop a reservoir of lesson plans based on the New York State and National Standards for Art Education. You will review the latest assessment instrument developed by New York State Education and field test in volunteer public schools for the past three years. You will develop assessment instruments for the Music courses you will be teaching.

*Prerequisite of EDI 600, 601 and 610 are required.*

*Credits: 3*

*Every Fall and Spring*

#### **EDI 654 Methods and Materials of Teaching Modern Languages in Secondary Schools**

This course is a study of the current methods of instruction in foreign languages. Curriculum materials and instructional devices for the effective teaching of foreign languages in the middle, junior and secondary schools are discussed, examined and appraised. Materials for co-curricular programs such as assemblies, club meetings and other activities are considered. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 20 hours of fieldwork will be required.

*Prerequisite of EDI 551, 555, 643, 677 or EDI 551,555,556 are required.*

*Credits: 3*

*Every Fall and Spring*

#### **EDI 655 Methods and Materials of Teaching Science in Secondary Schools**

Existing curricula, trends and issues in science instruction in grades 7-12 are examined in light of recent advances in science content and in teaching for process, planning instruction, assessment strategies, classroom management, and the use of easily available materials for laboratory activities. Demonstration lessons are taught by members of the class. The interaction of science and technology and the implication for the development of values and attitudes in today's youth are discussed. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 15 hours of fieldwork will be required.

*Prerequisite of EDI 551, 555, 643, 677 or EDI 551,555,556 are required.*

*Credits: 3*

*Every Fall and Spring*

#### **EDI 656 Curricula, Trends and Issues in Science Instruction: 7-12**

Existing curricula, trends and issues in science instruction in grades 7-12 are examined and evaluated in the light of the conceptual structures of the various science disciplines, recent advances in science content and in teaching-learning theories.

The teaching of science as inquiry, conceptual understanding, individualizing instruction, diagnosis and evaluation techniques, and the use of inexpensive, easily available materials for laboratory activities are demonstrated. The nature and interrelationships of science and technology and implications for the development of values and attitudes in today's youth are discussed. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 20 hours of fieldwork will be required.

*Prerequisite of EDI 551, 555, 643, 677 or EDI 551,555,556 are required.*

*Credits: 3*

*On Occasion*

#### **EDI 658 Methods and Materials of Teaching English in Secondary Schools**

The course explores the scope and sequence of instruction in secondary English. Students have the opportunity to design and teach lessons, to videotape their teaching and to observe experienced teachers of English. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 20 hours of fieldwork will be required.

*Prerequisite of EDI 551, 555, 643, 677 or EDI 551,555,556 are required.*

*Credits: 3*

*Every Fall and Spring*

#### **EDI 659 Method and Materials of Teaching Mathematics in Secondary Schools**

The psychological and educational dimensions of teaching mathematics as a secondary school subject are explored. Detailed analysis of the content of algebra I, algebra II, geometry, coordinate geometry, trigonometry and other branches of secondary school mathematics are explored. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 20 hours of fieldwork will be required.

*Prerequisite of EDI 551, 555, 643, 677 or EDI 551,555,556 are required.*

*Credits: 3*

*Every Fall and Spring*

#### **EDI 660 Methods and Materials of Teaching Social Studies in Secondary Schools**

This course is designed to acquaint the student with the content areas which comprise social studies and to examine the methods relevant to its teaching. It is intended that the student becomes aware of a variety of approaches used in dealing with the subject and creates a method with which to present his or her competence. In addition, the course seeks to provide the understanding that the process of social studies is one of synthesis of the academic areas in the social sciences and that its teaching necessitates creativity. To that end, students are encouraged to enter the public schools for the purpose of observing of teaching styles. The use of

the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 20 hours of fieldwork will be required.

*Prerequisite of EDI 551, 555, 643, 677 or EDI 551,555,556 are required.*

*Credits: 3*

*Every Fall and Spring*

**EDI 677 Curriculum Development for the Classroom Teacher**

This course examines principles of curriculum construction, planning, development and justification in relationship to historical, theoretical and practical considerations of purpose, content and the organization of educational experiences. Consideration is given to principles of curriculum research and evaluation. The course embraces concerns of the school and non-school settings for educational experiences. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 10 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601, and EDS 610 are required.*

*Credits: 3*

*Every Fall and Spring*

**EDI 679 Advanced Methods and Evaluation in TESOL**

This course focuses on the application of ESL theory and techniques to the development of specific lesson plans, ESL curriculum and evaluation techniques. The use of testing instruments for diagnostic and evaluative purposes is studied. Observations of teachers working in the field are incorporated into the discussion and evaluation of teaching strategies. A microtaping with videotape is made of student performance. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 15 hours of fieldwork will be required.

*Prerequisite of EDI 600, 601, and EDS 610 are required.*

*Credits: 3*

*Every Spring*

**EDI 680 Bilingual Education and ESL: Theory and Practice**

This course covers the history of bilingual education and ESL in the United States. The course is a study of present theories and practices and of available materials in these fields. Discussion of the different types of bilingual and ESL programs and the importance of a bicultural component are covered.

*Prerequisite of EDI 600, 601, and EDS 610 are required.*

*Credits: 3*

*Every Fall*

**EDI 689 TESOL in Content Areas: Science, Humanities and Social Science**

This course examines current principles, practices and materials in the use of TESOL in the specific content areas. The course includes the development and adaptation of science, humanities and social science curricula to meet the needs of the non-English speaking child. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, 20 hours of fieldwork will be required.

*Credits: 3*

*Every Spring*

**EDI 700 Introduction to Educational Research**

This course is designed to provide a broad understanding of the theories and practices of teacher action research in education. Students will be introduced to the theoretical background underlying teacher action research and engage in analytic and practical activities designed to demonstrate a systematic and reflexive inquiry into classroom practice. Components include (1) developing research questions, (2) designing and planning a meaningful research study, (3) collecting and analyzing data in ethical ways, (4) representing findings, and (5) incorporating the findings into practice. By the end of the course, students will know how to use action research in their educational practice.

*Prerequisite of 9 credits in EDI or a combination of EDI/EDS is required.*

*Credits: 3*

*Every Fall and Spring*

**EDI 705 Thesis Seminar**

This course is available only to those matriculated master's degree candidates electing to develop and write a thesis under the supervision of an approved faculty member. Registration must be approved by the student's departmental chairperson or designated representative.

*Credits: 3*

*Every Semester*

**EDI 706 Independent Study**

The course, Independent Study, involves in-depth development of a project idea as a result of study in a previous course. Permission to take this course would be based on particular criteria: (1) merit of proposed study; (2) needs and background of student; i.e., ability to carry out such a study. Permission to take this independent course would necessitate the signature of the faculty member conducting the study and the department chairperson and Dean of the School of Education. It is understood that the faculty member who would direct the project would be qualified in the area designated by the student and that the choice of faculty (with the previous stipulation) would be made by the student. Curriculum and Instruction Hours arranged with approval of instructor.

*Credits: 1 to 3*

*Every Semester*

**EDI 709 Supervised Student Teaching and Seminar in the Elementary School**

This course is the systematic, extended observation and student teaching experience under supervision in a selected private or public school. Half of the experience is in kindergarten through grade three, and the other half is in grades four through six. A weekly seminar integrates theory with practice and provides orientation to the teaching profession.

*Prerequisite of EDI 600, 601, 612, 613, 614, 677, 643, 700, EDS 610, 611 & EDS 633.*

*Credits: 6*

*Every Fall and Spring*

**EDI 710 Supervised Student Teaching and Seminar for Childhood/Special Ed or Childhood/Literacy**

This course is the systematic, extended observation and student teaching experience under supervision in a selected private or public school. Half of the experience is in kindergarten through grade three, and the other half is in grades four through six. A weekly seminar integrates theory with practice and provides orientation to the teaching profession.

*Prerequisites of EDI 600, 601, 677, 612, 613, 614, EDS 600, 610, 619, 640, 642 or EDS 600, 610, 617, 630, 631, 632, 633 and 624 are required.*

*Credits: 3*

*Every Fall and Spring*

**EDI 711 Supervised Student Teaching and Seminar in the Middle School**

Students preparing to qualify as school teachers are required to spend half of their student teaching experience in grades five to six, and the other half in grades seven to nine. Students are expected to participate in conferences, meetings, and extracurricular activities in the schools to which they are assigned. This is for a full semester, which is from 14 to 15 weeks. A weekly seminar integrates theory with practice and provides orientation to the teaching profession.

*Prerequisite of EDI 550, 554, 557, 610, one of the following courses (EDI 654 or 655 or 656 or 657 or 658 or 659 or 660), 700 and EDS 641 are required.*

*Credits: 6*

*Every Semester*

**EDI 712 Supervised Student Teaching and Seminar Grades 7-12**

Students preparing to qualify as adolescence school teachers are required to spend half of their student teaching experience in grades seven to nine, and the other half in grades 10-12. Students are expected to participate in conferences, meetings and extracurricular activities in the schools to which they are assigned. This is for a full semester, which is for 14 to 15 weeks. A weekly seminar integrates theory with practice and provides orientation to the teaching profession.

*Prerequisite of (EDI 551, 555, 610, 643, 677, 700, EDS 612, 641) or (EDI 551, 555, 610, 700, EDS 641 and 18 credits in subject area) and one of the*



following EDI 654 or 655 or 656 or 657 or 658 or 659 or 660 are required.

Credits: 6

Every Fall and Spring

### **EDI 713 Supervised Student Teaching and Seminar in Early Childhood Education**

The one semester student teaching experience provides an opportunity for the teacher candidate to integrate theory and practice through development and implementation of learning experiences for young children from birth to grade 2 in two settings. The teacher candidate will integrate theories of child development, family systems, theories of learning, content knowledge, and early childhood curriculum and pedagogy. The student teaching experience also provides the teacher candidate with opportunities to learn how to work in collaboration with field-site staff, to work as a member of an interdisciplinary team, and to reflect on their practice in collaborative relationships.

*Prerequisite of EDI 600, 601, 604, 615, 616, 618, 625, 639, 643, EDS 605 and 610 are required.*

Credits: 6

Every Fall and Spring

### **EDI 714 Supervised Student Teaching and Seminar in the Elementary School in Bilingual Education**

This course is the systematic, extended observation and student teaching experience under supervision in selected public and private kindergarten and elementary grades. A minimum of 360 hours, with a minimum of 110 hours in teaching, and participation in appropriate staff and school activities are required. A weekly seminar integrates theory with practice and provides orientation to the teaching profession.

Credits: 3

On Occasion

### **EDI 715 Supervised Student Teaching and Seminar in Elementary School of Bilingual Education**

This course is the systematic extended observation and student teaching experience under supervision in selected public and private elementary school settings. This course is designed for students who are already certified in another area and who are seeking certification in Bilingual Elementary Education. A minimum of 180 hours, with a minimum of 110 hours of teaching, and participation in appropriate staff and school activities is required. A weekly seminar integrates theory with practice and provides orientation to the teaching profession.

Credits: 3

On Occasion

### **EDI 716 Supervised Student Teaching and Seminar in the Secondary School in Bilingual Education**

Students preparing to qualify as secondary school bilingual teachers are required to: (1) spend five

complete days per week at an assigned secondary school for at least 15 weeks, or a total of 360 periods; (2) to spend at least 110 of these 360 periods in actual teaching, the balance given to related activities. Students are expected to participate in conferences, meetings and extracurricular activities in the schools to which they are assigned.

Credits: 6

On Occasion

### **EDI 717 Supervised Student Teaching and Seminar in the Secondary School in Bilingual Education**

This course is designed for students who are already certified in another area and who are seeking certification in Bilingual Secondary Education. Students preparing to qualify as secondary school bilingual teachers are required to: (1) spend five complete days per week at an assigned secondary school for at least 15 weeks, or a total of 180 periods; (2) spend at least 110 of these 180 periods in actual teaching, the balance given to related activities. Students are expected to participate in conferences, meetings and extracurricular activities in the schools to which they are assigned.

Credits: 3

On Occasion

### **EDI 721 Practicum Early Childhood Education**

Designed to give students a deeper understanding of the aspects of quality early childhood programs. Students will observe in a variety of early childhood settings and will analyze their findings in keeping with relevant research in the field. The physical, intellectual, sensual, creative, emotional and spiritual needs of young children in general education and inclusion settings will be explored in depth.

Credits: 3

Every Fall and Spring

### **EDI 725 Advanced Seminar in Action Research in Early Childhood Education**

This culminating experience synthesizes student understanding of early childhood education. Taken in the final semester of the program, it enables students to conduct a field-based project in an early childhood setting, utilizing the body of knowledge gained in coursework, research and field experiences.

*Prerequisite of SPE 628, 633 is required.*

Credits: 3

On Occasion

### **EDI 726 Supervised Student Teaching and Seminar in Teaching English to Speakers of Other Languages (K-12)**

This course is the systematic, extended observation and student teaching experience under supervision in selected public and private school settings. This course is designed for students who seek certification in teaching in grades kindergarten through 12 (K-12). A minimum of 360 hours with 110 hours in actual teaching under supervision of

certified staff in classroom instruction and appropriate school activities are required. Students who qualify would spend half a semester student teaching on the elementary school level and the other half teaching their academic subject area on the secondary level in a TESOL setting. A weekly seminar integrates theory with practice and provides orientation to the teaching profession.

*Prerequisite of EDI 600, 601, 630, 643, 650, 679, 680, 689, 700, ENG 512 or LIN 512 are required.*

Credits: 6

Every Fall and Spring

### **EDI 727 Seminar in TESOL**

Seminar in TESOL.

Credits: 3

On Occasion

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## **Educational Technology**

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### **EDT 661 Transforming communities of practice: Technology-rich learning environments**

Education, public and private, at all levels of delivery is experiencing major changes directly related to the evolution and implementation of technology in teaching and learning practices. This course introduces concepts and principles for creating technology-rich learning environments. Current practice and trends are explored as students identify and test available tools for delivering learning in diverse ways with, and around, information technologies. Students learn to build a foundation for using technology based learning theory, studying practice and trends that are successful, and using state and national standards. Creating electronic portfolios are developed as a process for documenting student performance. Students produce technology rich, standards based learning activities in collaborative and individual projects. The final project includes a documented rationale for using technology as a form of content delivery. The course utilizes a mix of face-to-face and online/virtual instruction and serves as a model for student work.

Credits: 3

On Demand

### **EDT 662 Transforming communities of practice: Applications, technologies, & implementation**

Education, public and private, at all levels of delivery is experiencing major changes directly related to the evolution and implementation of technology in teaching and learning practices. This course provides students with the knowledge and skills necessary to critically assess and selectively incorporate 21st century learning tools into new learning environments. The focus is on Web 2.0 tools, second-generation Internet tools, that offer increased interactivity allowing teachers and students to easily create, communicate, collaborate, and share information, projects, and ideas. The

course is delivered in a blended format mixing traditional face-to-face and online, asynchronous, learning experiences.

*Credits: 3*

*On Occasion*

**EDT 663 Technologies in the 21st century: Applying digital media and multimedia in teaching and learning**

Education, public and private, at all levels of delivery is experiencing major changes directly related to the evolution and implementation of technology in teaching and learning practices. Digital media and multimedia provides teachers and students with powerful new ways of expressing, organizing, synthesizing, and evaluating ideas and information. This course provides students with the knowledge and skills necessary to create and use digital media / multimedia for educational purposes. The course will focus on developing skills in digital imaging, audio, and video production; and in combining media in new ways to present information and tell stories. We will examine ways that school based multimedia projects provide students with the opportunity to work collaboratively, engage in multiple modalities of learning and reflective thinking, and use a constructivist approach to learning. Students will work individually and in collaboration on class assignments and projects. The course is delivered in a blended format mixing traditional face-to-face and online, asynchronous, learning experiences.

*Credits: 3*

*Every Fall and Spring*

**EDT 706 Found. of Ed. Tech.: Learning Theories, Critical Thinking & Technologies for Teaching & Learning**

This course builds the foundation for each student who enters the program. Students document entry skills in each of the three vertical threads (technology, professional growth and scholarship, and content/action) and identify particular educational applications within their teaching/professional educational settings. Students study learning theories (with an emphasis on critical thinking and problem solving in constructivist learning environments) as the basis for knowledge acquisition and knowledge building and apply technology tools for productivity, building communication systems, and presentations. Students also examine literature in cognitive and developmental psychology that bears on design decisions related to educational technologies and their appropriate uses at different stages of development. From this foundation, working with a faculty mentor, students prepare personal contracts for the program. Based upon the contract, each student begins growth in technology, professional growth and scholarship, content/action via individualized and group instruction.

*Education Technology majors only.*

*Credits: 3*

*On Demand*

**EDT 716 Developmentally Appropriate Educational Technologies to Improve Learning Communities and Systems**

This course examines systems thinking, organizational theory, and change theory for improving learning communities and learning systems. Through the course, learners apply these approaches to their own teaching, learning and technology development.

*Education Technology majors only.*

*Credits: 3*

*On Occasion*

**EDT 726 Found. of Ed. Tech. II: Fund. of Educational Research in Technology-Enriched Learning and Evaluation**

This course, usually offered in conjunction with EDT 736, introduces educational research for the assessment of learning in technology-enriched, constructivist environments. Students learn to use appropriate educational technologies for synthesizing, generating, and evaluating knowledge. Constructivism and Applied Constructivist theories as models for developing technology-enriched learning systems are explored.

*Education Technology majors only.*

*Credits: 3*

*On Occasion*

**EDT 736 Applying Educational Technologies for Building Learning Communities and Learning Systems**

This course, usually offered in conjunction with EDT 726, has learners extend their studies in knowledge acquisition and building by applying technologies to build virtual and in-person learning communities and systems using constructivist models. Students are taught to develop a "Long View" of teaching and learning from a systemic perspective and the possible roles that educational technologies could play in building and delivering those future systems.

*Education Technology majors only.*

*Credits: 3*

*On Occasion*

**EDT 746 Outcomes Assessment for Educational Technologists**

Students are introduced to the design and application of outcomes assessment in technology-enriched learning environments. Moving from a rich theoretical and skills base, students begin to apply their knowledge to continue scholarly research that supports their personal or group focuses as they build greater understanding and apply learning in designing and evaluating models of learning systems in constructivist environments. This course emphasizes the critical importance of collaborative action and the value of working in teams.

*Education Technology majors only.*

*Credits: 3*

*On Occasion*

**EDT 756 The Role of Educational Technologies in Changing School Cultures, Organizations, and Communities**

In this course, usually offered in conjunction with EDT 746, students begin to apply their knowledge to build learning communities and systems. Change models are explored, school organization and cultures analyzed, and models for future systems developed. Students (individually and in teams) design action-based teaching and learning models and participate in technology-enriched projects supporting educational outreach to schools, museums, and other learning communities.

*Education Technology majors only.*

*Credits: 3*

*On Occasion*

**EDT 766 Design and Evaluate Assessment Plans for Technology-Enriched Learning Environments**

In this course, students apply learning theories and research understanding acquired in prior courses. They plan, design, develop, and practice innovative teaching and learning systems and design assessments of the effectiveness of various educational technologies. Student products from this course are shared with the larger learning community through our Electronic Education Village.

*Education Technology majors only.*

*Credits: 3*

*On Occasion*

**EDT 776A Culminating Experience: Issues, Challenges, and Opportunities for Applying Technologies in Learning**

In this course, students assess and diagnose opportunities for enhancing the effectiveness of learning systems through the selection, implementation, and ongoing evaluation of appropriate educational technologies. Students identify and address existing and potential impediments in conventional educational settings to the application of technologies for improving learning systems. Students also consider technology specific impacts and applications including digital plagiarism, digital divide, and copyright.

If 776, this is the final core course in the program. Students' capstone experience, begun in 766 is completed and presented in a professional online portfolio with evidence and reflection upon their learning through the entire program. The portfolio is presented to an audience of peers. If 776A, the packaging of this portfolio extends through the next course, 776B.

*Education Technology majors only.*

*Credits: 3*

*On Occasion*

**EDT 776B Culminating Experience: Actualizing Systemic Technology-Based Learning**

This course serves as the culminating experience for the core of the program, if nine cores are designed for the team. Students are expected to finish

developing personal and group learning systems, professionally present and support those systems to peers and mentors, and synthesize their experience in the program. Mentors review program contracts with students. The capstone experience, the online professional portfolio is completed in this semester and presented to an audience of peers.

*Education Technology majors only.*

*Credits: 3*

*On Occasion*

**EDT 908B Assistive & Instructional Technologies for Individuals w/Disabilities: Current Research & Practice**

Assistive and instructional technologies refer to the application of technology to meet the needs of students throughout special education. IEP teams are now required to consider Assistive Technology for all children in Special Education This summer institute is designed to bring some of the leading researchers, developers and practitioners in this emerging area to Long Island University. Topics include: overview of assistive technology, applications with students with learning disabilities, recent research and development in multimedia applications for at-risk and mildly disabled students, applications for students with physical and/or speech impairments, and integrating assistive technology within the IEP and into the classroom.

*Education Technology majors only.*

*Credits: 3*

*On Occasion*

## DEPARTMENT OF EDUCATIONAL LEADERSHIP AND ADMINISTRATION

Phone: 516-299-2244

Fax: 516-299-3312

Chair: Dodge

Senior Professor: Lester

Professors: Bowman, Red Owl

Associate Professors: Hammond, Kamler

Assistant Professor: Dodge

Adjunct Faculty: 15

The Department of Educational Leadership and Administration offers master's degrees and advanced certificates that enable talented educators and newcomers to the field to achieve positions of leadership in public and private school districts. The department's academic programs address the issues facing modern elementary and secondary education, including decision-making; curriculum-writing; human relations; adapting programs to keep up with emerging knowledge and changing social circumstances; the influence of politics and public policy on education; education law; and school business. The full-time and adjunct faculty of the department includes experienced school administrators who are former administrators, principals, chief financial officers and superintendents of schools.

Our graduates attain meaningful positions at every level of school administration, including principal, school district business leader and superintendent of schools. They bring to these roles the knowledge and skills required to navigate economic, political and social obstacles and deliver the education that will enable our children and our communities to prosper.

### M.S.Ed. in Educational Leadership

The 36-credit Master of Science in Educational Leadership equips today's educators with the skills they need to effectively balance six essential components of successful school district administration: human relations, leadership, school-community relations, research, school business, and technology. In addition to coursework in subject areas ranging from curricular concerns to supervision to school law, you will gain valuable insight from our outstanding team of professors - all of whom are active in their specialized fields.

Under the mentorship of a school administrator, students will complete a 400-hour, hands-on administrative internship. Upon completion of this program (and successful passage of the New York State School Leadership Assessment) students will be eligible for New York state certification as a School Building Leader. Candidates for this program must have a bachelor's degree, permanent

or professional state certification in teaching or an educational specialty and satisfactory completion of three years of teaching.

#### ADMISSION REQUIREMENTS

Applicants to the M.S.Ed. must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Baccalaureate degree and a minimum undergraduate cumulative grade point average of 3.0 or equivalent. Applicants not meeting the required grade point average for admission to the program will be required to appear for a personal interview with the Chairperson and may be required to take the Graduate Record Examination (GRE).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Permanent or professional state certification in teaching or an educational specialty and satisfactory completion of at least three years experience under such certification.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

### M.S. in Educational Leadership (36 Credits)

#### Required Administration Core Courses

EDL	630	Administrative Core I	6.00
EDL	631	Administrative Core II	3.00

#### Required School Building Leader Courses

EDL	632	Curricular Concerns in Public School Administration	3.00
EDL	635	School Law	3.00
EDL	637	Supervisor In School Setting	3.00

#### Elective School District Leader Courses

##### Any four of the following courses:

EDL	633	School Business Administration	3.00
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EDL	634	School Personnel Administration	3.00
EDL	636	Public School Finance	3.00
EDL	640	Seminar in Youth Problems, Curricular Innovation and the Administration of Innovative Programs	3.00
EDL	641	School District Administration: Problems and Issues	3.00
EDL	643	School Plant Planning	3.00
EDL	644	Collective Negotiations In Education	3.00
EDL	646	Special Education Law For School Administrators	3.00
EDL	647	Administration of Educational Programs for Exceptional Children	3.00
EDL	648	School Organization, Programming and Scheduling	3.00
EDL	649	Leadership and Administration in Multicultural School Settings	3.00
EDL	652	Seminar In School Business Office	3.00
EDL	653	Administration and Leadership at the Middle School Level	3.00
EDL	704	Degree Synthesis	3.00
EDL	705	Thesis Seminar	3.00

#### Required School Building Leader Internship Course

EDL	650	Internship in School Administration-Master's Level	6.00
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#### Required Culminating Experience Portfolio within Internship

### M.S.Ed. in School District Business Leader

The 36-credit Master of Science in Education (M.S.Ed.) in School District Business Leader prepares graduates for the positions of assistant, associate or deputy superintendent for business. Course work includes 30 hours in school administration as well as a 400-hour supervised internship in a school business office. Courses include issues involving school finance, school business administration, the school budget process and school district administration. Students without teaching experience may qualify for New

York State certification as a School District Business Leader.

Candidates for this program must have a bachelor's degree, an appropriate career background and prior graduate work or anticipation of further graduate work. Upon completion of their coursework students must pass the New York State School Leadership Assessment in order to be certified as a school district business leader.

**Note:** New York State certification as a School District Business Leader requires a total of 60 graduate credits, including the master's degree. Consult the New York State Education Department for more information.

**ADMISSION REQUIREMENTS**

Applicants to the M.S.Ed. in School District Business Leader must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Baccalaureate degree and a minimum undergraduate cumulative grade point average of 3.0. Applicants not meeting the required grade point average must appear for a personal interview with the Chairperson and may be required to take the Graduate Record Examination (GRE).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Education School District Business Leader (36 Credits)**

**Required Administration Core Courses**

EDL	630	Administrative Core I	6.00
EDL	631	Administrative Core II	3.00

**Required School District Business Leadership Courses**

EDL	633	School Business Administration	3.00
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EDL	635	School Law	3.00
EDL	636	Public School Finance	3.00
EDL	641	School District Administration: Problems and Issues	3.00
EDL	652	Seminar In School Business Office	3.00

**Elective School District Business Leadership Courses**

**Two of the following:**

EDL	634	School Personnel Administration	3.00
EDL	643	School Plant Planning	3.00
EDL	644	Collective Negotiations In Education	3.00

**Required School Building Leader Internship Course**

**Internship in School Administration- Master's level**

EDL	650	Internship in School Administration-Master's Level	6.00
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The required G.P.A. is 3.00.

**Advanced Certificate in School District Business Leader**

This 30-credit program prepares graduates for the positions of assistant, associate or deputy superintendent for business. Course work includes 24 core credits in educational administration and a 400-hour, hands-on internship in a school business office, enabling students to hone their business acumen. Courses explore public school finance, the school budget process and school district administration. Students without teaching experience may qualify for New York State certification as a School District Business Leader.

Candidates for this program must possess a master's degree and have an appropriate career background and aspirations. Upon completion of their coursework students must pass the New York State School Leadership Assessment.

**ADMISSION REQUIREMENTS**

Applicants to the Advanced Certificate must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- A bachelor's and a master's degree with a minimum cumulative grade point average of 3.0 or equivalent. Applicants not meeting the required grade point average must appear for a personal interview with the Chairperson and may be required to take the Graduate Record Examination (GRE).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Two professional and/or academic letters of

recommendation that address the applicant's potential in the profession and ability to complete a graduate program.

- Personal statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**Advanced Certificate School District Business Leader**

(30 Credits)

**Administration Courses**

EDL	630	Administrative Core I	6.00
EDL	631	Administrative Core II	3.00

**School District Business Leadership Courses**

EDL	633	School Business Administration	3.00
EDL	636	Public School Finance	3.00
EDL	641	School District Administration: Problems and Issues	3.00
EDL	651	Internship in School Administration-Advanced Certificate Level	6.00
EDL	652	Seminar In School Business Office	3.00

**One of the following Elective Courses**

EDL	632	Curricular Concerns in Public School Administration	3.00
EDL	634	School Personnel Administration	3.00
EDL	635	School Law	3.00
EDL	637	Supervisor In School Setting	3.00
EDL	640	Seminar in Youth Problems, Curricular Innovation and the Administration of Innovative Programs	3.00
EDL	643	School Plant Planning	3.00
EDL	644	Collective Negotiations In Education	3.00

EDL 646	Special Education Law For School Administrators	3.00
EDL 647	Administration of Educational Programs for Exceptional Children	3.00
EDL 648	School Organization, Programming and Scheduling	3.00
EDL 649	Leadership and Administration in Multicultural School Settings	3.00
EDL 653	Administration and Leadership at the Middle School Level	3.00
EDL 704	Degree Synthesis	3.00

The required G.P.A. is 3.00

### Advanced Certificate in Educational Leadership

This 30-credit program prepares you for an administrative post in K-12 public and private school systems. Through an advanced curriculum you will receive the training and credentials needed to qualify for New York State certification as both a school building leader and a school district leader. Upon completion of the coursework, students must pass the New York State School Leadership Assessment.

Course offerings include topics in leadership, supervision, law and curricular concerns in public school administration, as well as district administrative problems and solutions. Under the mentorship of a school administrator, students will complete a 400-hour, hands-on administrative internship. Candidates for this program must possess a master's degree, permanent teaching certificate and three years of teaching under such certification.

#### Admission Requirements

Applicants to the Advanced Certificate must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- A bachelor's and a master's degree with a minimum cumulative grade point average of 3.0 or equivalent. Applicants not meeting the required grade point average for admission to the program will be required to appear for a personal interview with the Chairperson and may be required to take the Graduate Record Examination (GRE).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Permanent or professional state certification in teaching or an educational specialty and satisfactory completion of at least three years

experience under such certification.

- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

### Educational Leadership Advanced Certificate Requirements (30 Credits)

#### Required Administration Core Courses

EDL 630	Administrative Core I	6.00
EDL 631	Administrative Core II	3.00

#### Required Educational Leadership Courses

EDL 632	Curricular Concerns in Public School Administration	3.00
EDL 635	School Law	3.00
EDL 636	Public School Finance	3.00
EDL 637	Supervisor In School Setting	3.00
EDL 641	School District Administration: Problems and Issues	3.00

#### Required Educational Leadership Internship Course

EDL 651	Internship in School Administration-Advanced Certificate Level	6.00
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## Educational Leadership and Administration Courses

### EDL 630 Administrative Core I

This course presents a balanced viewpoint of theory and practice in analyzing current issues in administration. This sequence includes three interrelated areas within the field of school administration. They are: human relations, leadership and school-community relations.

*Credits: 6*

*All Sessions*

### EDL 631 Administrative Core II

The goals of this course are to have students become wise consumers of educational research, knowledgeable about the business functions of a school district, and conversant with the use of computers to solve administration problems. Core II may be taken before Core I.

*Credits: 3*

*All Sessions*

### EDL 632 Curricular Concerns in Public School Administration

This course is a study of curricular concerns and administrator decision-making. Major topics include administering programmatic change, understanding theories of curriculum and instruction and addressing current curriculum issues related to regional, state and federal policy.

*Credits: 3*

*All Sessions*

### EDL 633 School Business Administration

This course is a study of the basic areas of responsibility of the school business administrator. Major topics include the role of the school business administrator; budgeting; accounting; purchasing; insurance; operation and maintenance; transportation and food service.

*Credits: 3*

*All Sessions*

### EDL 634 School Personnel Administration

This is a study of the skills, attitudes and knowledge essential for effective school personnel administration. Areas of concentration for the school personnel administrator include recruitment; certification; selection; assignment; load and transfer; orientation; salaries and scheduling; leaves of absence; tenure; in-service education; personnel records; morale; retirement; professional associations and collective bargaining.

*Credits: 3*

*All Sessions*

### EDL 635 School Law

This course is a study of the major topics of law related to public schools. Areas of concentration include sources of the law; scope of the law; law and the organization for public education; pupils, employees and school law; school officers and the

law; theory of governmental non-liability; liability and individual members of the board; and personal liability of school employees.

*Credits: 3*

*All Sessions*

### EDL 636 Public School Finance

This course is a study of public school finance. Major topics include: the development of public school finance in the United States; principles of school finance; revenues; expenditures and indebtedness; fiscal problems; fiscal control; and school support formulas.

*Prerequisite of EDL 631 is required.*

*Credits: 3*

*All Sessions*

### EDL 637 Supervisor In School Setting

This course is a study of the major components of school supervision. Areas of concentration include: the nature of the supervisory process; functions of the supervisor; principles of supervision; leadership styles of supervisors; procedures used by the supervisor; the supervision of teachers; and the evaluation of the supervisor.

*Credits: 3*

*Every Semester*

### EDL 640 Seminar in Youth Problems, Curricular Innovation and the Administration of Innovative Programs

This course is a study of youth problems and innovation in the school setting. Major topics include the central role of the child; methods for determining needs; analysis of data; cooperative planning of innovative programs; continuous evaluation and feedback; measurement of growth; special problems involved with innovative programs, and creativity and innovation.

*Credits: 3*

*On Occasion*

### EDL 641 School District Administration: Problems and Issues

This course is a study of the role and responsibilities of the school district administrator in a school system. Major topics include: organizational, professional and legal issues in school district administration; the school district administrator and organizational decision-making; emerging responsibilities in working relationships among school district administrators and the board and community; critical economic, political and social issues confronting educational leadership.

*Credits: 3*

*All Sessions*

### EDL 643 School Plant Planning

This course is an analysis of needs and program determination for educational facilities. The course includes: the planning of functional and environmental aspects of school building design and utilization; demographic studies; and financing of school building construction and school building renovations. Also included is the use of abandoned

school buildings and the implementation or development of reduction programs.

*Credits: 3*

*On Occasion*

### EDL 644 Collective Negotiations In Education

This course is a study of the implementation and development of collective negotiations in the public schools. It includes principles and practices applied in public sector negotiations and the study of selected topics such as the bargaining process, impasse procedures, grievance machinery, the strike content of bargaining agreements, and the role of the administrator in negotiations.

*Credits: 3*

*Every Spring*

### EDL 646 Special Education Law For School Administrators

This course is designed to acquaint the student with those public laws pertaining to the education of handicapped youngsters. Specifically, PL 94-142, Section 504, Article 89 of the New York State Education Law, the concept of mainstreaming, least restrictive environment, due process rights, and the role of the impartial hearing officer are discussed.

*Credits: 3*

*Alternate Semesters*

### EDL 647 Administration of Educational Programs for Exceptional Children

This course is an introduction to the organization, administration and supervision of special education programs, including: assessment of exceptional children and youth; program options and support services; pupil referrals; assessment eligibility and placement processes; individual educational programs; introduction to due process requirements; and funding, legislative and legal dimensions.

*Credits: 3*

*Alternate Semesters*

### EDL 648 School Organization, Programming and Scheduling

This is a survey course focusing on selected aspects of the school organizational process up to and including the building of a master schedule. Topics include: school organizational patterns; personnel and staffing decisions; budgeting and programming as they relate to use of pupil personnel services; planning and building an organizational schedule; exploring relationships that exist among curriculum and the programming/scheduling processes.

Although the primary focus of this course is the middle, intermediate, junior and senior high school, attention is also given to elementary school, especially where departmentalization patterns emerge.

*Credits: 3*

*Alternate Semesters*

### EDL 649 Leadership and Administration in Multicultural School Settings

This course is designed to provide specific

preparation for supervisors in the management of operational policies which apply particularly in multicultural school settings. Recent national and local policy trends are explored for their effects upon traditional budget allocation practices, curriculum strategies, personnel management, program assessment, and shared management.

*Credits: 3*

*On Occasion*

**EDL 650 Internship in School Administration-  
Master's Level**

During the internship, the six major core areas are reintroduced, providing a synthesizing experience for the student. Practical applications of systematic observation and participation in administrative and supervisory activities are provided at the school building level.

*Prerequisites of EDL 630 & a Prerequisite or Co-requisite of EDL 631 are required.*

*Credits: 6*

*Every Fall and Spring*

**EDL 651 Internship in School Administration-  
Advanced Certificate Level**

During the internship, the six major core areas are reintroduced, providing a synthesizing experience for the student. Practical applications of systematic observation and participation in administrative and supervisory activities are provided at the school district level. Permission of the Chairperson of the Department of Educational Leadership and Administration is required to enroll in this course.

*Prerequisites of EDL 630 & a Prerequisite or Co-requisite of EDL 631 are required.*

*Credits: 6*

*Every Fall and Spring*

**EDL 652 Seminar In School Business Office**

This course provides the student with an in-depth knowledge and understanding of the roles and responsibilities of the district school business official. Topics include an overview of the school business office and responsibilities of the internal and external auditors and the district treasurer. In addition, the course focuses on fund accounting principles, the uniform system of accounts, fund balance management, extra classroom activity funds, tax rates and the budget process.

*Credits: 3*

*On Occasion*

**EDL 653 Administration and Leadership at the  
Middle School Level**

This course is a study of administrative leadership and decision-making at the middle school level. It includes a review of current educational research, theory and practice as they may apply to the operation of a middle level school. Topics include: understanding the middle school concept; examining administrative decision-making and the middle school curriculum; supervision at the middle school level; current issues in administering a middle school.

*Credits: 3*

*On Occasion*

**EDL 704 Degree Synthesis**

This course is a synthesizing experience, with eight hours of group study culminating in a two-hour written examination.

*Credits: 3*

*Every Semester*

**EDL 705 Thesis Seminar**

This course is available only to matriculated master's degree candidates electing to develop and write a thesis under the supervision of approved faculty. Registration must be approved by the student's departmental chairperson or designated representative.

*Credits: 3*

*Every Semester*

**EDL 706 Independent Study**

Independent Study

*Credits: 3*

*All Sessions*

**EDL 750 Institute**

Various institute topics of current interest are arranged for summer sessions.

*Credits: 3*

*Every Summer*



## PALMER SCHOOL OF LIBRARY AND INFORMATION SCIENCE

Phone: 516-299-2866

Fax: 516-299-4168

E-mail: palmer@cwpost.liu.edu

Director: Howard

Administrators:

School Library Program: Baaden

Director, Manhattan Program: Flynn

Public Library Certificate Program: Nichols

Rare Books and Special Collections: Pena

Professors: Byrne, Chu, Hunter, Koenig, Regazzi, Saffady, Spaulding, Zhang

Associate Professors: Howard, Krichel,

Schneiderman, Westermann-Cicio

Assistant Professors: Jank

Adjunct Faculty: 12

The Palmer School of Library and Information Science, which recently celebrated its 50th anniversary, offers a Master of Science in Library and Information Science (M.S.L.I.S.) and a Doctor of Philosophy in Information Studies (Ph.D.) Students in the M.S.L.I.S. program can take classes at four locations – LIU Post in Brookville, Long Island; LIU Brentwood, Long Island; LIU Hudson in Purchase, Westchester; and at the Bobst Library of NYU, where the school's highly regarded specialization in Rare Books and Special Libraries is based. The Palmer's School Library Media program is offered in a blended (hybrid) format and other master's classes are offered online. The school also offers two advanced certificates (both face to face and online) – one in Archives and Records Management, the other in Public Library Administration.

The Ph.D. program, the only one of its kind in the New York City area, prepares individuals to assume positions as researchers, professors, chief information officers and senior executives in information-driven institutions.

### M.S. in Library and Information Science

A Master of Science degree in Library and Information Science (M.S.L.I.S.) will prepare you for careers in a world transformed by the Internet. More information reaches people today than ever before. The tremendous value of information is now widely recognized by every for-profit and not-for-profit sector, including corporations, industry, schools, organizations and government agencies. As a result, those who can find, analyze and present information are highly valued by employers. People who hold M.S.L.I.S. degrees are uniquely suited to help individuals and organizations find and use the information they need.

Information professionals are assuming

leadership positions in such areas as marketing, strategic planning, Web site development and information architecture, in addition to traditional library settings.

Accredited by the American Library Association, the 36-credit master's degree fuses traditional library science with information science and state-of-the-art technology. The program comprises 12 courses. Five required core courses provide the foundation upon which students add the electives that will best prepare them for the career path they choose.

Fifteen credits of required coursework include "Introduction and Information Science," "Information Sources and Services," "Introduction to Knowledge Organization," "Introduction to Research in Library and Information Science" and an Internship. An additional 21 credits of electives can be taken from a broad array of courses that are tailored to suit your individual career objectives.

The average length of time to complete the master's depends on the course load each student takes. Full-time students (9 credits/semester) can expect to finish the program in one academic year and a summer session. Students who attend part-time usually complete the degree in two and a half years.

You can personalize your Master of Science in Library and Information Science degree by adding a specialization in one of the following areas:

- School Media Specialist
- Public Librarianship
- Academic and Special Librarianship
- Rare Books and Special Collections

#### REQUIRED COURSES

- LIS 510: Introduction to Library and Information Science
- LIS 511: Information Sources and Services
- LIS 512: Introduction to Knowledge Organization
- LIS 514: Introduction to Research in Library and Information Science
- LIS 690: Internship

#### ELECTIVE COURSES

Students choose from more than 45 elective courses in a wide range of library and information specialties. In addition, the Palmer School offers special topics on new subjects and emerging technologies.

#### INTERNSHIP PROGRAM

Perhaps the most valuable aspect of the Palmer School education is the Internship Program. Every student is offered the opportunity to participate in a capstone internship that will provide them with marketable experience and essential skills for a competitive job market.

#### CAREER OPPORTUNITIES

Among the careers and specialties for which the Palmer School trains students are: academic and public librarianship, digital librarianship, health information management, business information, school media librarianship, knowledge organization, law librarianship, archives and records management, and rare books librarianship.

#### ADMISSION REQUIREMENTS

The following admission requirements apply to those pursuing the Master of Science in Library and Information Science (M.S.L.I.S.).

Students applying to the M.S. in Library and Information Science programs at LIU Post or the Manhattan Program should submit the LIU Online Application for Admission at [www.liu.edu/post/onlineapp](http://www.liu.edu/post/onlineapp) and select "LIU Post" in the "Campus" field. All additional materials should be submitted to the LIU Post Graduate Admissions Processing Center, P.O. Box 805 Randolph, MA 02368-0805.

Students applying to the M.S. in Library and Information Science programs at LIU Brentwood should submit the LIU Online Application for Admission at [www.liu.edu/post/onlineapp](http://www.liu.edu/post/onlineapp) and select "LIU Brentwood" in the "Campus" field. All additional materials should be submitted to LIU Brentwood, 100 Second Avenue, Brentwood, NY 11717.

Students interested in studying at the Hudson Graduate Campus of Long Island University should submit all admissions applications and materials to the Hudson Graduate Campus Admissions Office.

Applicants to the Master of Science in Library and Information Science must adhere to the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 grade point average or equivalent in a bachelor's program or in the last two years of the undergraduate program. Applicants who have not completed their degrees prior to submitting the admission application should submit a transcript without the final semester's grades. Such applicants may be accepted pending receipt of their final degree noted.
- Applicants whose undergraduate average is below a 3.0 will be required to submit the results of the Graduate Record Exam or Miller Analogies Test taken in the last five years. Students already holding a master's degree or who can show successful completion of coursework in graduate school will not be required to take the GRE or MAT exams.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- A current résumé
- A written statement that describes the applicant's motivation for seeking the degree, special areas of interest, and career objectives in the profession (500-1000 words). You may submit this statement in lieu of the Applicant's Personal Statement requested as part of the Online Application for Admission.
- Students for whom English is a second

language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

**LIMITED ADMISSION**

Applicants who do not meet the above minimum criteria may be considered for admission as limited matriculants if potential for success in the program and the field can be confirmed by an unusually high GRE or MAT score, extensive and successful experience in the field, outstanding letters of recommendation from professionals in the field, or a personal interview that will demonstrate that the applicant has attained the level of maturity and dedication necessary to pursue study at the master's level.

**M.S. in Library & Information Science Requirements**

**General Concentration - Required Library and Information Science Courses**

LIS	510	Introduction to Library & Information Science	3.00
LIS	511	Information Sources and Services	3.00
LIS	512	Introduction to Knowledge Organization	3.00
LIS	514	Introduction to Research in Library and Information Science	3.00

**General Concentration - Elective and Capstone Requirements**

**General Elective Courses**

**Seven of the following courses:**

LIS	508	Technology for Information Management	3.00
LIS	513	Management of Libraries and Information Centers	3.00
LIS	520	Records Management I: Fundamentals	3.00
LIS	603	Humanities Sources and Services	3.00
LIS	604	Science and Technology Sources and Services	3.00
LIS	605	Social Science Sources and Services	3.00
LIS	607	Health Science Sources and Services	3.00
LIS	608	Legal Sources and Services	3.00
LIS	609	Business & Economics Sources & Services	3.00
LIS	618	Online Information Retrieval Techniques	3.00

LIS	620	Instructional Design and Leadership	3.00
LIS	622	Management of the School Media Center	3.00
LIS	626	Teaching Methodologies for School Media Specialists	3.00
LIS	628	School Media Materials and the Curriculum	3.00
LIS	629	Integrating Technology into the School Media Curriculum	3.00
LIS	650	Basic Web Design	3.00
LIS	651	Advanced Web Site Architecture	3.00
LIS	657	Introduction to Preservation	3.00
LIS	658	History of The Book	3.00
LIS	662	Library Public Relations	3.00
LIS	669	Government Information	3.00
LIS	697	Master's Thesis	3.00
LIS	699	Independent Study	3.00
LIS	713	Rare Books and Special Collections Librarianship	3.00
LIS	714	Archives and Manuscripts	3.00
LIS	721	Appraisal of Archives and Manuscripts	3.00
LIS	722	Electronic Records	3.00
LIS	729	Young Adult Sources and Services	3.00
LIS	731	Materials and Services for Early Childhood	3.00
LIS	733	Children's Sources & Services	3.00
LIS	735	Storytelling & Folk Literature	3.00
LIS	737	Serving Diverse Populations	3.00
LIS	739	Myth and the Age of Information	3.00
LIS	741	Public Libraries	3.00
LIS	745	Academic Libraries	3.00
LIS	747	Special Libraries	3.00
LIS	749	Health Science Libraries	3.00
LIS	755	Information Technologies and Society	3.00
LIS	763	Metadata: Description and Access	3.00

LIS	765	Knowledge Representation	3.00
LIS	768	Abstracting and Indexing for Information Systems	3.00
LIS	770	Information Storage & Retrieval	3.00
LIS	773	Comparative Bibliography	3.00
LIS	900	Institutes	3.00
LIS	901	Special Topics	3.00

**Capstone Courses**

**LIS 690 Or LIS 695**

LIS	690	Internship	3.00
LIS	695	Master's Project	3.00

**Rare Books and Special Collections Requirements**

**Required Library and Information Science Courses**

LIS	510	Introduction to Library & Information Science	3.00
LIS	511	Information Sources and Services	3.00
LIS	512	Introduction to Knowledge Organization	3.00
LIS	514	Introduction to Research in Library and Information Science	3.00

**Rare Books and Special Collections Required Courses**

LIS	658	History of The Book	3.00
LIS	713	Rare Books and Special Collections Librarianship	3.00

**Two of the following:**

LIS	519	Great Collections of NYC	3.00
LIS	603	Humanities Sources and Services	3.00
LIS	652	Exhibitions and Catalogs in the Library	3.00
LIS	657	Introduction to Preservation	3.00
LIS	714	Archives and Manuscripts	3.00
LIS	763	Metadata: Description and Access	3.00

**Must take 3 General Elective Courses**

## M.S. in Library and Information Science, School Library Media Specialist

### M.S. in Library and Information Science with School Library Media Specialist - Initial Certification

#### Required Courses

LIS	510	Introduction to Library & Information Science	3.00
LIS	511	Information Sources and Services	3.00
LIS	512	Introduction to Knowledge Organization	3.00
LIS	514	Introduction to Research in Library and Information Science	3.00
or			
LIS	712	Literacy for K-12 Environment	3.00

\*\*\* EDS 610 Must be taken by students without previous certification

#### School Library Media Specialist Required Courses

EDS	610	Literacy Teaching and Learning: Birth-Grade 6	3.00
LIS	620	Instructional Design and Leadership	3.00
LIS	622	Management of the School Media Center	3.00
LIS	626	Teaching Methodologies for School Media Specialists	3.00
LIS	629	Integrating Technology into the School Media Curriculum	3.00
LIS	712	Literacy for K-12 Environment	3.00

#### Elective Courses

Chose one of the following courses (3 credits):

LIS	728	K-12 Literature for School Media Specialists	3.00
LIS	729	Young Adult Sources and Services	3.00
LIS	733	Children's Sources & Services	3.00

#### Capstone

LIS	691	Internship - School Media Specialist	3.00
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## Dual Master's (M.A. and M.S.) with NYU

### M.S. in Library and Information Science from LIU's Palmer School and the M.A. from New York University's Graduate School of Arts and Science

This unique 52-credit dual master's degree program will prepare you for a highly sought after position as a subject specialist or scholar-librarian in academic and research institutions and in the information industry. Offered by two of the most prestigious schools in the country, the program grants an ALA-accredited Master of Science in Library and Information Science from the Palmer School of Library and Information Science at LIU and a Master of Arts (in any of 200 subject concentrations except linguistics) from the Graduate School of Arts and Science at New York University or two programs at NYU's Steinhardt School: Media, Culture and Communication or Costume Studies. Integrating subject expertise with education and training in library and information science provides dual-degree graduates with a competitive edge in the growing market for information professionals.

Central to the program is a 160-hour mentoring arrangement, in which subject specialists from NYU Libraries work with candidates to introduce them to the requirements of the field, offering the opportunity for hands-on experience within a theoretical framework. If the mentor and student feel it's appropriate, in addition to the time spent in the mentorship, dual degree students may participate in internships in many of the cultural and research organizations in the New York Metropolitan area. All Library and Information Science courses are taught in Manhattan at NYU's Bobst Library. Students enrolled in the dual-degree program take 13 fewer credits than would be required if they pursued each master's separately.

#### CAREER OPPORTUNITIES

There is a need for subject specialists in academic libraries, research and cultural institutions and the corporate sector. Our approach to integrating subject expertise with education and training in library and information science provides dual-degree graduates with the opportunity to acquire the skills and knowledge they need for a variety of positions.

#### Curriculum

Students who enroll in the dual-degree program will earn two master's degrees for a total of 52 credits. For the Master of Science in Library and Information Science (M.S.L.I.S.), the Palmer School requires students to complete 28 credits, which includes four core courses and four elective courses as well as a mentorship. The Palmer School has elective courses in information technology, subject reference and organization of information, web architecture, digital libraries,

information retrieval, metadata, collaborative technologies, rare books, archives and management. In addition to the two programs at Steinhardt, NYU's Graduate School of Arts and Science (GSAS) offers 48 programs in 200 fields of study. Each department has different curricula requirements. For further information see the Field of Study Descriptions on NYU's GSAS website at

[www.gsas.nyu.edu/object/grad.scholarly.masters](http://www.gsas.nyu.edu/object/grad.scholarly.masters) and for the Steinhardt School: [www.steinhardt.nyu.edu](http://www.steinhardt.nyu.edu).

#### Admission

Students apply to LIU's Palmer School and NYU separately. Admission to both is required for enrollment as a dual-degree student, but is not a guarantee of admission to the dual degree program. **Students must also be accepted into the program itself by completing a separate application.** Please request this form from [alice.flynn@liu.edu](mailto:alice.flynn@liu.edu). Students who have completed more than 12 NYU credits or 6 Palmer credits are no longer eligible to apply for this program. Students must be available for an intensive one-week orientation at the start of the fall semester.

After admission to the dual degree, students are interviewed by a committee of NYU librarians and assigned a mentor. Students work with their mentors throughout the course of the degree program to gain valuable work experience in areas of their professional interests.

NYU's thesis and internship requirements vary by department. For specific information, please see the Field of Study Descriptions at [www.gsas.nyu.edu/object/grad.scholarly.masters](http://www.gsas.nyu.edu/object/grad.scholarly.masters) and [www.steinhardt.nyu.edu](http://www.steinhardt.nyu.edu) for Steinhardt School Programs.

#### Location and Class Schedules

NYU's Bobst Library is the host for the Palmer School's Manhattan campus. Weekday courses meet after 4:30 p.m. Weekend courses and summer sessions are offered.

NYU Graduate School of Arts and Science courses are taught in Manhattan. Students may concentrate their studies in one of 200 subject concentrations. For more information about schedules, departments, and admission procedures, please visit [gsas.nyu.edu](http://gsas.nyu.edu).

#### Graduation

Students who complete the required credits, mentoring program, and additional thesis or departmental requirements from NYU will graduate with an American Library Association accredited M.S.L.I.S. from LIU and a subject Master's degree from NYU. This background is **required** to work as a librarian in most major academic and research institutions. Students have access to the NYU Wasserman Career Center and to the impressive employment database at the Palmer School. In addition, the Palmer faculty is very successful at networking students with future employers.

#### ADMISSION REQUIREMENTS

Students interested in the Dual Degree Program

at NYU and LIU apply separately for admission to each school. A student must be admitted to NYU and LIU's Palmer School before being considered for the dual degree program. Please consult the NYU website ([www.nyu.edu](http://www.nyu.edu)) for admission requirements. The Palmer School requires the GREs or Miller Analogy Test (MAT) for all students with a grade point average below 3.0. NYU departments each have individual admissions applications deadlines. At the Palmer School we admit throughout the year. For admission requirements to the Palmer School's M.S. in Library and Information Science degree program, visit the Graduate Programs section of the Palmer School Web site. There is a separate application for inclusion in the Dual Degree Program.

The following admission requirements apply:

- Complete an LIU Online Application for Admission
- Apply to the appropriate NYU program
- Notify the Palmer Manhattan program director of your intention to apply to the dual degree
- Apply to the dual degree program after admission to both LIU and NYU

While students may take courses at any campus of the Palmer School, all NYU courses are taught in NYU's Washington Square Campus in Manhattan. The Palmer School offers all courses for the Master of Science in Library and Information Science (M.S.L.I.S.) at our NYU Bobst Library location.

Students already enrolled in our M.S.L.I.S. program may apply for the Dual-Degree Program as long as they have completed no more than **6 Palmer credits** by the time they enter the program. Students with more than **12 credits** in the NYU programs can apply to the Palmer School for our traditional Master's degree.

**NYU's GSAS program requirements can be found on the New York University Web site at [www.gsas.nyu.edu/page/gradHome](http://www.gsas.nyu.edu/page/gradHome) and information for the Steinhardt School can be found on their site: [www.steinhardt.nyu.edu](http://www.steinhardt.nyu.edu).**

Students are advised to speak with a Director of Graduate Study in the department where they plan to apply before they complete their NYU application.

After completing 12 credits at NYU and after completing 12 credits at the Palmer School, students in the dual-degree program will:

**\*Transfer 8 credits from their NYU program to complete the dual-degree requirements for Palmer.**

**\*Transfer 9 credits from their Palmer School program to complete the dual-degree requirements for NYU.**

Students are responsible for applying for this transfer of credit and should do so once 12 credits are completed at **either institution**.

**Orientation**

Dual Degree Program students must participate in a one-week intensive orientation to the program. This orientation is offered only at the start of the

fall semester. For this reason, students may not be eligible for the Dual Degree Program if they have progressed in their Palmer or NYU studies before applying for admission to the program. Students already enrolled in either the Palmer School or NYU should consult with an advisor from the dual degree program to be apprised of their eligibility.

**Specialization**

Within the dual-degree program, students can complete a concentration in Rare Books and Special Collections or choose a more general M.S.L.I.S. with elective courses in archives, records management, information technologies, subject reference and organization of information.

**\*Please note\*** Because the School Library Media Specialist program has a minimum of 6 mandatory courses in addition to the core courses, it is not part of the Dual-Degree Program.

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**Advanced Certificate in Archives and Records Management**

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The dynamic field of archives and records management is at your fingertips. LIU Post's Certificate of Advanced Studies in Archives and Records Management can help you launch a rewarding career as an archivist or records manager who can expertly handle and process vast amounts of information and maintain accessible records.

The Archives and Records Management Certificate program is offered as part of the Master's degree in Library and Information Science or as a separate post-master's certificate. In order to attain the certificate, students must complete the program concurrently with the Library Science master's or must hold a previously completed master's degree in any discipline.

The Certificate of Advanced Studies in Archives and Records Management may be earned at LIU Post in Manhattan or completely online.

**CAREER OPPORTUNITIES**

Because all types of institutions create and maintain records, there are career opportunities for both archivists and records managers in a variety of settings, such as corporations, government agencies, libraries of all types, museums, historical societies, and non-profit organizations and associations.

The certificate program covers content areas included in certification examinations administered by the Academy of Certified Archivists (ACA) and the Institute of Certified Records Management (ICRM).

**ADMISSION REQUIREMENTS**

Students who wish to obtain a certificate concurrent with the M.S. degree must comply with Admission Requirements for the master's degree program in Library and Information Science.

For admission to the Archives and Records Management program only, applicants must submit:

- LIU Online Application for Admission

- Official transcript indicating completion of a master's program
- Two letters of recommendation  
For the Certificate in Archives and Record Management, whether taken as a Post Master's Certificate or as part of an M.L.I.S. degree, the following courses are required: (totaling 18 credits)

**Advanced Certificate in Archives and Records Management**

**Archives & Records Mgt CRT**

**Requirements**

**Required Courses**

LIS 520	Records Management I: Fundamentals	3.00
LIS 690	Internship	3.00
LIS 714	Archives and Manuscripts	3.00

**Elective Courses**

**Students must choose an additional three courses from the electives listed below.**

**Occasionally offered Special Topics classes may also meet a requirement.**

LIS 611	Film and Media Collections	3.00
LIS 705	Principles and Practices in Archival Description: EAD/DACS	3.00
LIS 657	Introduction to Preservation	3.00
LIS 706	Digital Preservation	
LIS 713	Rare Books and Special Collections Librarianship	3.00
LIS 721	Appraisal of Archives and Manuscripts	3.00
LIS 722	Electronic Records	3.00
LIS 755	Information Technologies and Society	3.00
LIS 763	Metadata: Description and Access	3.00
LIS 765	Knowledge Representation	3.00
LIS 770	Information Storage & Retrieval	3.00

**Special Topics and WISE classes may be approved for Certificate elective credit on a case-by-case basis.**

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**Advanced Certificate in Public Library Administration**

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The challenges faced by today's public library administrators require a solid foundation of training and experience. The Palmer School's post-Master's Certificate of Advanced Studies in Public Library Administration is designed to develop and

enhance the management skills and credentials of professional librarians working within the public library sector and to train the leaders of tomorrow.

The program offers students interested in public library administration a comprehensive education based on practical experience in the critical aspects of managing a public library.

This program is open to librarians with a minimum of two years professional experience and has been designed to:

- Update librarians on new management principles and organizational structures;
- Integrate these concepts and illustrate their practical application within the public library setting;
- Explore current issues and trends in public library management and improve leadership skills within the workplace;
- Provide a forum where important management issues germane to public librarians can be discussed in light of the theoretical constructs covered within this program.

#### CAREER OPPORTUNITIES

The growing complexity of public institutions has forced governing boards to become far more selective in choosing their administrators. A working understanding of law, human resources, finance and facilities is now a fundamental requirement for public library administrators as directors or middle managers. The certificate program of the Palmer Institute covers all content areas required in the New York State Public Library Director civil service examination series. The program has been recognized by the New York State Education Department as a formally approved N.Y.S. Certificate of Advanced Studies.

#### CURRICULUM

The Certificate of Advanced Studies in Public Library Administration encompasses five required courses, generally taken in succession as a cohort. The courses are offered in a seminar format and limited to a maximum of 25 students per class. Each course carries three graduate credits.

Students completing the program (15 credits) are awarded a Certificate in Advanced Studies in Public Library Administration. The specific courses are:

- LIS 700 Principles of Public Library Organization and Management
- LIS 701 Seminar in Legal Issues and the Regulatory/Governance Environment of the Public Library
- LIS 702 Human Resources Administration in the Public Library
- LIS 703 Financial Management of Public Libraries
- LIS 704 Public Library Facilities; Automation Systems and Telecommunications

#### ADMISSION

Entrance to the Certificate of Advanced Studies in Public Library Administration is limited to working professionals who either hold, or aspire to, executive management positions in the public

libraries. All applicants should hold a relevant master's degree (the Master of Science in Library and Information Science – M.L.S. or M.S.L.I.S.) and a minimum of two years experience in public libraries. The Public Library Administrator's Certificate is designed as a post-M.L.S. "cohort" program, where students register with the intent to complete all five courses as a group. The program is often coordinated with regional public library organizations acting as partners with the Palmer School to assure a focused and meaningful educational experience for the participants.

#### PROGRAM SITES

The Certificate of Advanced Studies in Public Library Administration is offered at public library systems throughout the state of New York, including Queens Library, Westchester Library System, Mid-Hudson Library System, Buffalo & Erie County Public Library, Nassau Library System and the Suffolk Cooperative Library System.

#### Advanced Certificate in Public

#### Library Administration

#### Public Lib Admin ADV CRT

#### Requirement

#### Required Courses

LIS	700	Principles of Public Library Organization & Management	3.00
LIS	701	Seminar In Legal Issues & the Regulatory/Governance Environment of the Public Library	3.00
LIS	702	Human Resources Administration in the Public Library	3.00
LIS	703	Financial Management of Public Libraries	3.00
LIS	704	Public Library Facilities, Automation Systems and Telecommunications	3.00

#### Ph.D. in Information Studies

The Doctor of Philosophy in Information Studies – the only one of its kind in the New York metropolitan area – prepares individuals to assume leadership positions in research, teaching and in practice. Graduates of the program contribute to theoretical and operational research in existing and new fields, and are equipped to fill the expanding need for information managers, researchers and faculty members in the broad, interdisciplinary field of information studies. Taught by faculty of the prestigious Palmer School of Library and Information Science, the 60-credit Ph.D. in Information Studies utilizes a strong interdisciplinary approach because solutions to the problems of organizing, storing and retrieving vast

amounts of information require the combined knowledge of computer scientists, management specialists, educators, psychologists, librarians and others. Approximately 15 students from across the United States are admitted each year; current students in the program hold master's degrees in 17 different disciplines.

This program offers two main areas of study – **Information Access and Systems** and **Information Studies and Services** – and includes research into such subjects as human-computer interaction and systems analysis and design. The program is structured to accommodate part-time students who are already working in the information field or in related professions. During the first-year of the program, courses are held on Tuesday and Thursday evenings from 6 to 9 p.m.

The two main knowledge areas are composed of the following courses:

#### INFORMATION ACCESS AND SYSTEMS

Principles of information organization and retrieval as well as the information systems that support both activities.

- Knowledge Organization
- Information Retrieval
- Information Systems
- Human-Computer Interaction

#### INFORMATION STUDIES AND SERVICES

The relationship of information technologies to individuals, organizations, and society in general.

- Information and Society
- Information Policy
- Information Services
- Organization Information Management

#### PROGRAM GOALS

Current and emerging information technologies present both challenges and opportunities.

Realizing the benefits of information technologies requires individuals who can:

- Represent information and organize knowledge for efficient, timely access and effective use
- Design, test and evaluate information retrieval systems and methodologies
- Improve human computer interaction as the basis for designing ever more usable, effective information systems and environments
- Investigate and understand information needs and information-seeking behaviors of individuals, groups and organizations in a variety of task and technology environments, including the Web
- Investigate the effectiveness, relevance and evolution of societies' information provision agencies and organizations such as libraries, museums, publishers and the media
- Analyze information policy and ethics at national and international contexts

#### ADMISSIONS REQUIREMENTS

Incoming students are admitted to the Ph.D. in Information Studies at LIU Post each fall semester only, with a maximum of 15 students accepted. Applicants must hold a master's degree which can be in any discipline. Work experience is an asset but is not required. The program is structured to

accommodate those who are already working in the information field or in related professions.

Admission decisions will be based on the following factors: academic proficiency, professional accomplishments, proposed intellectual focus, and potential for completing a rigorous program. Professional references and successful interviews with faculty will impact decisions about admission to the program. Applicants whose master's degrees are not from English-language institutions must provide proof of a TOEFL examination score of 600 or more.

This deadline for receipt of completed application forms is March 1. All of the following application materials must be received by the deadline date:

- Complete the LIU Online Application for Admission
- Application fee: \$40 (non-refundable)
- Official transcripts for all undergraduate and graduate course work
- Three letters of recommendation
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- A statement of research/inquiry outlining the reasons for pursuing a doctoral degree, and a description of the proposed area of study and research
- A writing sample of a published work or other scholarly writing
- A full curriculum vitae/resume

**Send application materials to:**

LIU Post  
 Admissions Processing Center  
 P.O. Box 805  
 Randolph, MA 02368-0805

The Palmer School encourages applications from minority groups and is committed to equal-opportunity acceptance of candidates into the program in order to offset the shortage of minorities in the information professions.

For more information about admission requirements or the application process, please contact Dr. Gregory S. Hunter at 516-299-2171 or e-mail [ghunter@liu.edu](mailto:ghunter@liu.edu) or contact the Graduate Admissions Office at 516-299-2900 or e-mail [carol.zerah@liu.edu](mailto:carol.zerah@liu.edu).

**Ph.D. Info Studies Required Courses**

**Required Major Requirements**

**Area/Content Courses**

DIS	801	Information Access and Systems	3.00
DIS	803	Information Studies and Services	3.00

**Research Method Courses**

DIS	805	Research Methods I	3.00
DIS	807	Research Methods II	3.00

**Elective Doctoral Course Requirements**

**Required Elective Doctoral Courses (18 credits required)**

DIS	810	Information Organization and Access	3.00
DIS	812	Information Retrieval	3.00
DIS	815	Information Systems: Theories, Paradigms, and Method	3.00
DIS	816	Human-Computer Interaction	3.00
DIS	820	Information Policy and Services	3.00
DIS	822	Information and Society	3.00
DIS	824	Information Services	3.00
DIS	826	Organizational Information Management	3.00

**Elective Related Doctoral/Master Course Requirements**

**Required Elective Doctoral/Masters Courses**

DIS	810	Information Organization and Access	3.00
DIS	812	Information Retrieval	3.00
DIS	815	Information Systems: Theories, Paradigms, and Method	3.00
DIS	816	Human-Computer Interaction	3.00
DIS	820	Information Policy and Services	3.00
DIS	822	Information and Society	3.00
DIS	826	Organizational Information Management	3.00
DIS	890	Special Topics	3.00
DIS	899	Independent Study	3.00

**Higher level Master's courses will be approved on a case to case basis by the faculty advisor.**

**Dissertation Research Requirement**

DIS	880	Dissertation Research	1.00
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12 credits of Dissertation Research

## Library and Information Science Courses

### LIS 508 Technology for Information Management

A comprehensive introduction to digital and communications technologies as the underpinnings for information storage and retrieval systems. These include the theory of digital representation of information (text, graphical images, and sound), the inter-relationship of hardware, operating system software and applications software in stand-alone systems, and extensions of these in networked environments.

This course has an additional fee.

*Credits: 3*

*On Occasion*

### LIS 510 Introduction to Library & Information Science

Overview of the field. Introduction to the history, purpose, functions, and processes of the field, its place in society, practice of the profession in various types of settings, and current issues and trends.

*Credits: 3*

*Every Semester*

### LIS 511 Information Sources and Services

Philosophy, process, and techniques of information services. Overview of information access and delivery, types of resources and formats used in information services, evaluation and measurement of sources and services, and information seeking processes and behaviors.

*Credits: 3*

*Every Semester*

### LIS 512 Introduction to Knowledge Organization

Basic principles of bibliographic control. Emphasizes understanding the function of catalogs, indexes, bibliographies, Web-browsers and acquiring the ability to use and interpret these tools effectively. Introduction to bibliographic utilities, online catalogs and indexes, world wide web, metadata and the Dublin Core, MARC formats, Anglo- American Cataloguing Rules, Library of Congress Subject Headings, Sears List of Subject Headings, Dewey Decimal Classification, Library of Congress Classification.

This course has an additional fee.

*Prerequisite or Co-requisite of LIS 510 is required.*

*Credits: 3*

*Every Semester*

### LIS 513 Management of Libraries and Information Centers

Principles and techniques of management applicable to libraries and information service organizations. Focuses management theory on organizing for library and information services, collections, facilities management, and measurement and evaluation of services.

*Credits: 3*

*On Occasion*

### LIS 514 Introduction to Research in Library and Information Science

Theoretical and applied research design, methodologies, and evaluations in library and information science. Review of existing research in the field, techniques of proposal preparation, and design of instruments used in the field.

*Prerequisite or Co-requisite of LIS 510 is required.*

*Credits: 3*

*Every Semester*

### LIS 516 Collection Development

Students examine the principles, issues and best practices related to the development of a library collection serving an academic or research community in a college, university, public or special library environment. The course will consider methods for identifying the needs of a user community, designing a collection policy, selecting and acquiring library materials in all formats, making decisions related to a collection's management and preservation, and evaluating the quality and appropriateness of an existing collection.

*Credits: 3*

*On Occasion*

### LIS 517 Emerging Web Technologies

With the advent of new web technologies, an explosion of new social software tools has emerged enabling users to create, organize, share and collaborate in an online space. Today's Web users are organizing their favorite bookmarks, collaborating on shared documents, cataloging their personal collections and sharing their information with others. This course will explore the features and functionality of emerging web technologies such a blogs, wikis, RSS, social bookmarking, media sharing, tagging, folksonomies and more. This course will look at how libraries are implementing these various tools as well as their potential uses.

*Credits: 3*

*On Occasion*

### LIS 519 Great Collections of New York City

This course introduces students to issues surrounding the curation of special collections in architecturally or historically significant physical spaces in New York City. It does so through guided visits to repositories representing a range of historical types of libraries. During the course of these visits, students will see spectacular examples from major collections, become aware of the contexts of these collections, and develop an understanding of the "sense of place" associated with each collections. Their own observations will be enriched by the explanations of curators about opportunities and limitations of these special settings in regard to collection care, preservation, and services.

*Prerequisite of LIS 510 or permission of instructor is required.*

*Credits: 3*

*On Occasion*

### LIS 520 Records Management I: Fundamentals

Introduction to the systematic management of business records. Topics covered include: inventorying records, preparation of retention schedules, space management for inactive records, micrographics, protection of vital records, and file organization concepts.

*Credits: 3*

*Annually*

### LIS 602 Children's Literature, Emotional Intelligence, & the Moral Imagination

Sharing stories and Books is an important part of helping children understand themselves, other people and the world in which they live. Books enhance a child's facility with language and help children identify and express feelings. Students will explore different literary genres and story formats in their relation to emotional IQ and moral imagination. A thematic approach will address issues such as: violence, conflict resolution, cooperation, and tolerance as well as specific character traits such as: courage, integrity, playfulness, empathy, generosity, honesty, and resilience. Students will develop their own criteria and strategies for evaluating material.

*Pre requisite of LIS 510 is required*

*Credits: 3*

*On Occasion*

### LIS 603 Humanities Sources and Services

A study of the nature of the knowledge, historical development, research, and publications in the humanities. Includes the identification and evaluation of bibliographic, reference, and selection sources in philosophy, religion, language, fine arts, minor and applied arts, performing arts, music, and world literature.

*Prerequisite of LIS 511 is required.*

*Credits: 3*

*On Occasion*

### LIS 604 Science and Technology Sources and Services

A study of the background, trends, terminology, and notable publications in the physical and biological sciences, engineering, and technology. Special consideration is given to the forms taken by scientific literature, bibliographic, selection, and reference sources. The needs of the user of various types of libraries are emphasized.

*Prerequisite of LIS 511 is required.*

*Credits: 3*

*On Occasion*

### LIS 605 Social Science Sources and Services

An examination of trends, terminology, and notable works in history, geography, political science, law, education, psychology, economics, business sociology, anthropology, and social sciences. A consideration for the form taken by social science literature. A study of bibliographic, reference, and selection tools in print and

electronic formats.

*Prerequisite of LIS 511 is required.*

*Credits: 3*

*On Occasion*

### **LIS 606 Information Literacy and Library Instruction**

This course is intended to introduce information literacy and library instruction methods used in a variety of information systems including libraries, archives, and electronic environments. It will include an overview of theoretical and applied research and discusses relevant issues and concepts. The focus of the course is on the process of designing, implementing, and assessing instructional programming. This process has its roots in education and training. As such, much of the content in the course is drawn from the fields of education as well as from library and information science.

*Prerequisites of LIS 510 & 511 or permission of instructor are required.*

*Credits: 3*

*On Occasion*

### **LIS 607 Health Science Sources and Services**

Examines health science reference tools, both print and electronic. Includes study of the National Library of Medicine, and health science professional organizations and their publications. Specific attention is given to access to Medline through PubMed. The literature and resources for consumer health information, medical terminology and Internet resources will be explored.

*Prerequisite of LIS 511 is required.*

*Credits: 3*

*On Occasion*

### **LIS 608 Legal Sources and Services**

Provides an overview of the tools and techniques of legal research. Students are introduced to the structure and processes of the three major components of the legal system in the United States: common law, statutes, and administrative law. Sources of foreign and international law are examined.

*Prerequisite of LIS 511 is required.*

*Credits: 3*

*On Occasion*

### **LIS 609 Business & Economics Sources & Services**

Examines business and economic fields, their literature and research, and the various settings and environments of business and economic research for the U.S., with some attention to international needs. Includes collection development and services, general reference sources, statistical, bibliographic, government documents, periodicals, associations, etc., in print and electronic form, and techniques for using them. Also covers specific client groups, ethics, management, and current issues.

*Prerequisite of LIS 511 is required.*

*Credits: 3*

*On Occasion*

### **LIS 612 Art Librarianship**

Students will be introduced to all aspects of art librarianship, with an emphasis on reference and collection development issues. Field trips will supplement in-class lectures, exercises, and hands-on practice with print sources and databases for art, architecture, and design research.

*Credits: 3*

*On Occasion*

### **LIS 616 Contemporary Artists' Books**

The course will investigate the world of artists books and what it means to build a collection in this genre. Historical precedents and contexts in the art world will be explored. The practical side of the field will be examined: the marketplace, dealers and business ethics. Also, the logistics of stewardship over this special genre of books: housing, preservation cataloging, promotion and access.

*Credits: 3*

*On Occasion*

### **LIS 618 Online Information Retrieval Techniques**

A survey of the design and use of computerized information retrieval systems and services, including online catalogs, commercial database searches, and Internet-based search services and electronic resources. The emphasis will be on acquiring a practical understanding of these systems and services to aid in the development of advanced search, selection, and evaluation competencies. The course will include the application of search strategies and techniques to all types of formats of electronic resources, including bibliographic, full-text, and multimedia resources. Instructional methods include lecture, online demonstrations, and hands-on training.

Special Fee Required.

*Prerequisites of LIS 510 & 511 or permission of instructor are required.*

*Credits: 3*

*On Occasion*

### **LIS 620 Instructional Design and Leadership**

(Same as EDU 980) Examines the curriculum consultant and instructional leadership roles of the school media specialist. Attention is given to the history of curriculum design and delivery systems, and opportunities are provided for students to blend recent developments in curriculum and instruction with information literacy objectives and staff development strategies. Presentation and discussion of appropriate techniques dealing with students having special needs and disabilities and accommodating inclusion children into the library media center. Collaborative, interdisciplinary approaches are emphasized. For information specialists, supervisors, administrators, and others involved in the teaching/ learning process. There will be 25 hours of field experiences (observation) related to the coursework as part of the requirement in SED 52.21 (b)(3)(i). A total of 100 hours of observation must be completed prior to

student teaching or practica (internship).

*Prerequisites of LIS 510 & 511 or permission of instructor are required.*

*Credits: 3*

*Every Semester*

### **LIS 622 Management of the School Media Center**

(Same as EDU 981) An examination of developments in the principles and strategies for managing information and school information centers. This course examines philosophies and practices related to policy development, budgeting, personnel, resource organization, networking, public relations, and facilities planning including examination of facilities for persons with disabilities and special needs. There will be 25 hours of field experiences (observation) related to the coursework as part of the requirement in SED 52.21 (b)(3)(i). A total of 100 hours of observation must be completed prior to student teaching or practica (internship).

*Prerequisites of LIS 510, 511, and 512 or permission of the instructor are required.*

*Credits: 3*

*Every Semester*

### **LIS 624 Introduction to Online Teaching**

Students will learn about historical and current trends and learning theories in online learning. Students will explore the online learning environment through applying instructional design theories, designing online activities while applying best practices. Topics include instructional design, planning online activities, copyright and intellectual property, assessment of online learners, understanding social learning, collaboration tools, and classroom management

*Prerequisite of Graduate status or permission of the department is required.*

*Credits: 3*

*Not Set*

### **LIS 626 Teaching Methodologies for School Media Specialists**

This course will present teaching strategies important for the school media specialist in the school library information center "classroom." Learn and practice techniques for using the school information center as a vital part of the instruction occurring within the school. Lesson planning, questioning strategies, and hands-on practice with important educational trends are integral components of this course.

*Prerequisites of LIS 510, 511, 512, 620 and 622 or the permission of the instructor are required.*

*Credits: 3*

*Annually*

### **LIS 628 School Media Materials and the Curriculum**

Survey of nonfiction resources in support of the subject content areas in the modern school curriculum including non-fiction materials. Attention is given to new developments in the curriculum, with emphasis on policies related to



collection with selection of library materials. There will be 25 hours of field experiences (observation) related to the coursework as part of the requirement in SED 52.21 (b)(3)(i). A total of 100 hours of observation must be completed prior to student teaching or practica (internship).

*Prerequisites of LIS 510,511,512,620 and 622 or the permission of the instructor are required.*

*Credits: 3*

*On Occasion*

### **LIS 629 Integrating Technology into the School Media Curriculum**

Students will examine software, hardware, Internet applications, and web sites to see how technology facilitate learning in the school media center; explore the ways hardware and software should be integrated into the curriculum, including the examination of age appropriate material for children with disabilities, and use of adaptive technology. There will be 25 hours of field experiences (observation) related to the coursework as part of the requirement in SED 52.21 (b)(3)(i). A total of 100 hours of observation must be completed prior to student teaching or practica (internship).

*Prerequisites of LIS 510,511,512,620 and 622 or the permission of the instructor are required.*

*Credits: 3*

*Every Semester*

### **LIS 635 Techniques for Storytelling**

This course is appropriate for all students who wish to improve their skills in the arts of storytelling and other types of oral presentation. The skills being developed are adaptable for a variety of communication situations, from presentations to business groups, through the telling of stories to audiences of all ages, to teaching, including teaching children to tell stories.

*Credits: 3*

*On Occasion*

### **LIS 650 Basic Web Design**

This courses introduces students to the fundamentals of designing, building and maintaining passive web sites. Passive web sites are those that do not change appearance as a result of user interaction. Students will learn and apply web site technologies such as XHTML (the Hypertext Markup Language using XML syntax) and CSS (Cascading Style Sheets). Students will be introduced to the web site architecture and web site design literature as far as they are relevant for passive web sites. Some fundamental aspects of the web such as http and URLs will also be addressed.

*Credits: 3*

*Annually*

### **LIS 651 Web Content Management**

As websites become more complex, the use of web content software systems has increased. All of these systems feature a database system used via a set of procedural scripts. This course studies the MySQL database system and the PHP scripting language as a

sample popular approach. The bulk of the course is spent on learning PHP as a scripting language. The requirement of the library community is given special attention through the study of text processing. A content management system, e.g. Drupal, is used as a toolbox that the students apply and expand upon to earn proficiency.

*Co-requisite of LIS 650 or instructor permission is required.*

*Credits: 3*

*Annually*

### **LIS 652 Exhibitions and Catalogs: Library meets Museum**

While this course considers theoretical issues of conceptualization and criticism, it essentially provides practical, hand-on, experience with the steps necessary to create a successful exhibition of rare book/special collections material. Major topics are planning, implementation, evaluation, and documentation. The course is appropriate for students who are preparing for curatorial careers in rare/book special collection units.

*Prerequisite of LIS 510 or permission of instructor is required.*

*Credits: 3*

*On Occasion*

### **LIS 654 Building Digital Libraries**

This course introduces students to the--still evolving--concepts of digital libraries. The core subject matter is repository building. Each student builds a public-access repository on the web. This will store born-digital or digitized materials. The course covers related technical material, as well as organizational and legal issues. Topics include digitization, the representation of text, file formats for media such as images and sound, identification strategies and technologies, metadata, markup languages, databases, contents delivery technologies, and repository implementation software.

*Pre requisite of LIS 512 is required*

*Credits: 3*

*On Occasion*

### **LIS 657 Introduction to Preservation**

An introduction to the principles and practices of library and archives reservation. Current preservation methods, national, regional, and local preservation efforts, the history of preservation, and disaster planning and recovery will be examined.

*Credits: 3*

*Annually*

### **LIS 658 History of The Book**

Students in this course become acquainted with recognized icons of the western book and with theoretical approaches to interpreting "the book" in its broadest sense. They gain first-hand experience with the intellectual tools of the book historian's trade including vocabulary, bibliography in its various manifestations, sources, and major collections and related bibliographic institutions.

*Prerequisite of LIS 510 or 511 is required.*

*Credits: 3*

*Annually*

### **LIS 669 Government Information Resources**

Study and evaluation of documents and information from federal, state, and municipal sources, including international governments. Most emphasis on the U.S. The nature of documents, electronic formats (databases, CD-ROMs), their reference and research value, as well as selection, acquisition, organization and access in various settings.

*Prerequisites of LIS 510 & 511 or permission of instructor are required.*

*Credits: 3*

*On Occasion*

### **LIS 690 Internship**

120 hours (or a combined 40 days at two school sites for school media students) during a semester at an approved site, working under supervision of a professional in the field. Guided by a Learning Contract jointly approved by faculty and the site supervisor, students augment what they have been taught in formal courses, further their career objectives, and enhance their skills, competencies, and abilities. For students with extensive library experience, LIS 695 (Masters Project) is available as an alternative to the internship, with permission from the student's advisor and the dean.

*Prerequisite of LIS 510, 511, 512, 514 and 15 units of electives are required.*

*Credits: 3*

*Every Semester*

### **LIS 691 Internship - School Media Specialist**

The school library media internship is a student teaching experience. It consists of two 120 hour sessions. 120 hours must be spent in an elementary school media center and 120 hours must be spend in a secondary school media center. This is a capstone experience that occurs at the very end of the program.

*Pre requisite of LIS 510, LIS 511, LIS 512, LIS 514, LIS 620, LIS 622 and LIS 626 are required*

*Credits: 3*

*Every Semester*

### **LIS 695 Master's Project**

Available for students with extensive library experience as an alternative to LIS 690 (Internship). Independent research, design, or development that may include one of the following: a research paper of publishable quality; an instructional or informational design program; a creative performance program. The student will be required to present a proposal for approval as well as the completed results of the selected paper or program project to the faculty advisor, project supervisor and the Dean.

*Prerequisites of LIS 510,511,512,514, and Dean's Approval are required.*

*Credits: 3*

*Every Semester*

**LIS 697 Master's Thesis**

Independent research for the preparation, development, and presentation of a master's thesis under a faculty member's advisement and supervision. The completed thesis must be approved by the thesis advisor and the Dean.

*Prerequisites of LIS 510, 511, 512, 514, and Dean's Approval are required.*

*Credits: 3*

*Every Semester*

**LIS 699 Independent Study**

Through independent study, students may explore in depth areas in the field that are of particular interest. A student will be limited to two independent studies during their course of study.

For further information, contact the Academic Counselor. Deans approval.

*Prerequisites of LIS 510 LIS 511, LIS 512, and Dean's Approval are required.*

*Credits: 3*

*Every Semester*

**LIS 700 Principles of Public Library Organization & Management**

This seminar explores public library organization and management. Topics include principles of management and organization; the planning process, policy, decision making, and leadership principles. Issues such as assessing community needs, public and governmental relations, cooperative ventures, leadership and management systems, professional ethics, and censorship are also addressed.

*Prerequisite of Public Library Certificate majors only.*

*Credits: 3*

*On Occasion*

**LIS 701 Seminar In Legal Issues & the Regulatory/Governance Environment of the Public Library**

This seminar focuses on the legal basis for the public library, sources of the public library's authority and the organizational framework that enables the library to function in society. Attention is given to the laws, rules and regulations on the local, state, and national level that affect public libraries. Other topics include the roles of the board of trustees and the library director; regulatory agencies and reporting requirements; insurance risk management and liability; library policies and their enforcement and the relationship of the public library to other agencies.

*Prerequisite of Public Library Certificate majors only.*

*Credits: 3*

*On Occasion*

**LIS 702 Human Resources Administration in the Public Library**

This seminar deals with issues involved in developing and implementing a human resources program in the public library. Topics include

performance evaluation, job descriptions; salary administration; fringe benefits; human resources policies; contract and collective bargaining negotiations; recruitment and interviewing techniques; civil service issues; and all legal aspects of personnel supervision and administration.

*Prerequisite of Public Library Certificate majors only.*

*Credits: 3*

*On Occasion*

**LIS 703 Financial Management of Public Libraries**

This course is designed to provide library managers with an understanding of public finance and economic theory. Specific topics such as basic economic theory, public finance, community assessment, budget process and preparation, the audit function, taxation and capital funding are covered.

*Prerequisite of Public Library Certificate majors only.*

*Credits: 3*

*On Occasion*

**LIS 704 Public Library Facilities, Automation Systems and Telecommunications**

This seminar is designed to prepare the public library administrator to deal with the process and problems of planning, managing and evaluating library facilities. Emphasis is placed on maintenance and operation of public facilities, including space planning and utilization; building and grounds maintenance; security; and branch library issues. The process of defining, specifying, evaluating and selecting automation and telecommunication systems, furniture and other equipment is covered in depth. Other topics include the basics of writing a facilities program, selection of an architectural firm, project manager and building contractor.

*Prerequisite of Public Library Certificate majors only.*

*Credits: 3*

*On Occasion*

**LIS 705 Principles and Practices in Archival Description**

Explores the principles of archival description as expressed in Describing Archives: a Content Standard. Implementation of those principles through Encoded Archival Description (EAD) and MARC structures will form the largest portion of the semester. Other practices will include authority and subject analysis work. Other topics, issues and technologies include related standards, the history and development of archival description, the uses of description and description for special formats. The course consists of lectures, discussion and hands-on exercises, culminating in EAD and DACS-based analysis of existing finding aids.

*Pre requisite of LIS 512 is required.*

*Credits: 3*

*On Occasion*

**LIS 706 Digital Preservation**

An introduction to the theoretical and practical aspects of the preservation of digital records. The course begins with an overview of the issues facing institutions trying to preserve digital records. It then turns to a review of the many preservation initiatives underway worldwide. Finally, it focuses on practical considerations in implementing a digital preservation program.

*Credits: 3*

*On Occasion*

**LIS 707 Human Computer Interaction**

In this course you will learn about the human part of computing. It focuses on the design and evaluation of interactive systems from a user-centered perspective. You will learn about how people perceive, process, remember, utilize, share and communicate about information in the work and on-work situations; and you will learn how interaction technologies can take these human issues into account. You will become familiar with design principles and evaluation techniques in the field of human-computer interaction (HCI).

*Prerequisite of LIS 510 or permission of instructor is required.*

*Credits: 3*

*On Occasion*

**LIS 712 Literacy for K-12 Environment**

This course will develop understanding of the complexity of literacy for K-12 learners. Linguistic aspects (vocabulary, grammar, genre and text structure), cognitive and metacognitive behaviors (reading strategies), and socio-cultural context (beliefs and attitudes of non-English Learners) will be examined as influences on a learner's development of literacy. This course will provide school and children's librarians with background knowledge of the various issues relevant to literacy instruction (e.g. language development, reading and writing process, differentiated instruction. Various approaches to literacy and theories of literacy will be examined. Reading motivation and strategies to incorporate technology into literacy learning will be discussed.

*Pre requisite of LIS 620 and LIS 626 for school media is required; LIS 510, 511, 512 and 514 for general/public librarians is required*

*Credits: 3*

*Every Semester*

**LIS 713 Rare Books and Special Collections Librarianship**

Examines the characteristics, criteria, and appraisal of book materials. Historical background, principles, and practice of rare book librarianship. The organization, administration, collection building, maintenance, preservation, exhibition, publication, special problems, and use of rare books in all settings.

*Prerequisites of LIS 510 & 512 are required.*

*Credits: 3*

*Annually*

**LIS 714 Archives and Manuscripts**

Identification, preservation, and use of archival materials. Emphasis on the organization and administration of archival collections and departments of archives in various types of institutions.

*Credits: 3*

*Annually*

**LIS 716 Audio Preservation**

The purpose of the course is to explore the issues related to the preservation of audio materials, both in legacy formats and in current of future or digital forms. Students will be able to identify audio formats found in a library or archive. They will be knowledgeable about the fragility and obsolescence issues pertaining to preservation and access of audio formats.

*Credits: 3*

*Not Set*

**LIS 721 Appraisal of Archives and Manuscripts**

Discusses classic archival appraisal theory and recent refinements, including documentation strategies. Relates appraisal to the mission, goals, and objectives of an archival institution. Explores the applicability of appraisal theory to records on media other than print.

*Prerequisite of LIS 714 or instructor permission is required.*

*Credits: 3*

*Annually*

**LIS 722 Electronic Records**

In-depth examination of electronic records management implications and applications. Topics include: document imaging systems, document management systems, inventorying and retention of electronic records, preservation of electronic records, and protection of vital electronic records. Special Fee Required.

*Credits: 3*

*Annually*

**LIS 728 K-12 Literature for School Media Specialists**

A survey course covering various genres, styles, authors, illustrators and trends with emphasis on the role of literature in the school library media center. Students will consider methods of selecting and evaluating children's and young adult literature in terms of readability and interest level and several ways in which the titles can be integrated as the content and vehicle to master the Core Curriculum. Through class discussions and constructing lessons, students will explore a range of topics related to literature, including book talks, author studies, read-aloud techniques and book discussion groups.

*Credits: 3*

*Every Summer*

**LIS 729 Young Adult Sources and Services**

A survey of adolescents and their reading with

special emphasis on books written especially for this age group (12-18). The readings will include materials emphasizing multi-cultural characters and settings, and bibliotherapy including stories of persons with disabilities and special needs. Students will attain skills in providing library services for the young adult population, including information and referral, programming, applying new technology advocacy, working with professional staff and administration, partnering with parents and community, school and public library cooperative projects, publicity, evaluation of literature and techniques for introducing literature to the adolescent population. The course requires reading of text, reading and discussion of a number of young adult titles in a variety of genres, small group presentations, oral presentations and bibliography.

*Prerequisite of LIS 510 and 511 are required.*

*Credits: 3*

*Annually*

**LIS 731 Materials and Services for Early Childhood**

Materials and services for the young child, viewed from a library perspective. Discussion of underlying theories such as services and development of appropriate programs including presentation of age appropriate material for children with disabilities and special needs, use of adaptive toys and equipment, and material. Emphasis on books-their selection, analysis, and presentation, with attention to other materials, e.g., oral tradition, recorded materials, toys and puppets.

*Prerequisite of LIS 510 and 511 are required.*

*Credits: 3*

*On Occasion*

**LIS 733 Children's Sources & Services**

A survey of literature for children of preschool through elementary school age (pre-K to 11 years) with emphasis on the literary quality and characteristics of fictional and biographical materials. The survey will include materials emphasizing multicultural characters and settings and bibliotherapy including stories of persons with disabilities and special needs. Issues and problems of bringing books to children are also discussed.

*Prerequisite of LIS 510 and 511 are required.*

*Credits: 3*

*Annually*

**LIS 735 Storytelling & Folk Literature**

Analysis and evaluation of folk literature and epic tales as revelation of the culture of various people. This course emphasizes the art, techniques, and practices of oral presentation as a medium of communication and appreciation of literature.

*Prerequisite of LIS 510 and 511 are required.*

*Credits: 3*

*Annually*

**LIS 737 Serving Diverse Populations**

A seminar on services for multicultural populations and groups with special interests or needs: Sensory or mobility-impaired; learning disabilities; adult

beginning readers; English as a second language; gifted and talented; latchkey children; homeless, aging, etc. Covers federal regulations, materials, professional attitudes, techniques, equipment and programs, at all levels and settings.

*Prerequisite of LIS 510 and 511 are required.*

*Credits: 3*

*On Occasion*

**LIS 739 Myth and the Age of Information**

A seminar on the role of myth and storytelling in modern settings within diverse contexts such as management, marketing, psychology, politics, anthropology, literature, broadcast media and popular culture, multicultural education and religion. Covers the benefits and pitfalls of using story in different types of settings and the role of the information-based institution.

*Credits: 3*

*Annually*

**LIS 741 Public Libraries**

A study of the philosophy, background, function and place of public libraries in contemporary society. Examines the principles and techniques of public library organization, planning, operation, resources, services and facilities, as well as how to identify and serve groups and organizations in a community. Study of present condition, trends and issues. Emphasis on public service orientation.

*Prerequisite of LIS 510 and 511 are required.*

*Credits: 3*

*Annually*

**LIS 745 Academic Libraries**

A study of the place and function of the academic library within the parent organization with particular concern for library needs of students and faculty. Includes organization and administration, policy-making regarding collections, access, organization, facilities, services, personnel, budget, and finance. Attention is given to higher education, relevant networks, and external influences.

*Prerequisite of LIS 510 and 511 are required.*

*Credits: 3*

*On Occasion*

**LIS 747 Special Libraries**

A study of the historical development and characteristics of a variety of special libraries. Organization, administration and function within their parent organizations, problems and solutions associated with planning, collections, services, personnel, facilities, budgets, and evaluation are covered. Emphasis is on information centers, networks, the Special Libraries Association and related organizations.

*Prerequisite of LIS 510 and 511 are required.*

*Credits: 3*

*On Occasion*

**LIS 749 Health Science Libraries**

An overview of the services and programs of health sciences libraries. The principles and techniques of administration and management will be discussed

with emphasis on the selection and organization of collections, budgeting, facilities, staffing and evaluation.

*Prerequisite of LIS 510 and 511 are required.*

*Credits: 3*

*On Occasion*

**LIS 755 Information Technologies and Society**

A study of the history of technologies of information and communication and their social impact. The course examines the evolution of several technologies - such as writing, the printing press, film, digitization - and their social and cultural context. The course also explores the development of the Internet and its current potential impact on social, economic, political and cultural structures.

*Prerequisite of LIS 510 or permission of instructor is required.*

*Credits: 3*

*On Occasion*

**LIS 763 Metadata: For Digital Libraries**

This course covers the application of standards and rules to the construction of tools for information retrieval, primarily Web resources and catalogs in library and information environments. The course includes an overview of metadata applications. Special problems in the organization of library materials in various forms, including books, serials, maps, music, sound recordings and different forms of material.

*Prerequisites of LIS 510 & 512 are required.*

*Credits: 3*

*On Occasion*

**LIS 765 Knowledge Representation**

This course covers the theory of subject analysis, vocabulary control and classification. The course compares the use of the Dewey Decimal Classification, Library of Congress Classification, Library of Congress Subject Headings, PRECIS, and the Art & Architecture Thesaurus. The course is also an introduction to the Universal Decimal Classification, Colon Classification, Medical Subject Headings, and other systems.

*Prerequisites of LIS 510 & 512 are required.*

*Credits: 3*

*On Occasion*

**LIS 768 Digital Information Representation**

The principles and concepts of abstracting and indexing methods in the context of manual and computer-based information retrieval systems are covered in this course. The course includes preparation of abstracts, subject analysis and vocabulary control, thesaurus construction and computer assisted indexing. Also included are the evaluation of indexing and retrieval systems. Special fee required.

*Prerequisites of LIS 510 & 512 are required.*

*Credits: 3*

*On Occasion*

**LIS 770 Information Systems & Retrieval**

This course covers the fundamentals of information retrieval systems, including structures, design and implementation. Also discussed are language, information and query representation, techniques, approaches, the human dimension, and evaluation in information retrieval along with a brief survey of advances and research in the field.

*Prerequisite of LIS 510 or permission of instructor is required.*

*Credits: 3*

*On Occasion*

**LIS 900 Institutes**

These are special workshops on topics not generally covered in the regular curriculum. These seminars are generally offered in intensive one-week or weekend formats.\*

\*Graduate students entering the Palmer School are permitted to take a maximum of two (2) Institutes toward their master's degree. Institutes are defined as those courses which meet in abbreviated one week or intensive weekend formats and carry the LIS 900 course number designation. Students are allowed to take as many Special Topics courses as their elective load permits. Special Topics are numbered LIS 901.

*Credits: 3*

*On Occasion*

**LIS 901 Special Topics**

A special topic not covered in the regular curriculum is explored in-depth.

*Credits: 3*

*Every Semester*

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**Palmer School Ph.D. Courses**

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**DIS 801 Information Access and Systems**

Overview of the foundations, topics and issues in information organization and access, including current research in knowledge organization, information storage and retrieval, systems analysis and design, and user-systems interaction.

*Credits: 3*

*Every Fall*

**DIS 803 Information Studies and Services**

This course is an overview of the foundations, topics and issues in information studies and services including current research in information and society, information policy, information services and organizational information management.

*Prerequisite of DIS 801 is required.*

*Credits: 3*

*Every Spring*

**DIS 805 Research Methods I**

Survey of principles of scientific inquiry. Emphasis on the overall research process and developing quantitative methodological skills, including the

application of descriptive and inferential statistics in data analysis. Design of research projects and preparation of research report. Critical review of empirical research in information studies.

*Credits: 3*

*Every Fall*

**DIS 807 Research Methods II**

Examination of the qualitative paradigm of research. Examination of historical methods for research. Overview of meta analysis. Critical review of qualitative and historical research in information studies. Design and implementation of qualitative and historical research.

*Prerequisite of DIS 805 is required.*

*Credits: 3*

*Every Spring*

**DIS 810 Information Organization and Access**

This course is the identification and study of problems in knowledge organization, with close attention to theory building through research. The emphasis in the course is on autonomous student investigation, writing and discussion. Students conduct original research and report the results in the class. The course also includes the historical context for bibliographic control; problems related to descriptive cataloging, classification and subject analysis, vocabulary control, authority control; and the design of bibliographic retrieval systems.

*Prerequisite of DIS 801, 803, 805, 807 is required.*

*Credits: 3*

*Bi-annually*

**DIS 812 Information Retrieval**

Fundamentals and theories of information retrieval (IR) are examined, including retrieval language, query formation, IR models, approaches, techniques, IR systems, hypertext and multimedia IR and evaluation. Research in the field, with an emphasis on identifying additional topics for further study.

*Prerequisite of DIS 801, 803, 805, 807 is required.*

*Credits: 3*

*Bi-annually*

**DIS 815 Information Systems: Theories, Paradigms, and Method**

Conceptual and paradigmatic foundations of information systems research and development throughout history, from Shannon and Weaver's mathematical, objectivist perspective and cybernetics, to today's neo-humanistic, ethnographically-oriented socio-cultural paradigm represented in the works of the proponents of distributed cognition and activity theory. The epistemological and ontological assumptions of these paradigms will be examined. Various information systems development and research methodologies will be reviewed, with an in-depth look at the issues surrounding each of these methodologies.

*Prerequisite of DIS 801, 803, 805, 807 is required.*

*Credits: 3*

*Bi-annually*

**DIS 816 Human-Computer Interaction**

This course is an examination of the user-system interaction from a number of theoretical and design perspectives that have been applied to this area. Included in the course are cognitive and holistic approaches as well as usability studies. While most of the course reviews the interaction of end-users with computerized information systems, some time is devoted to the interaction of users with other systems.

*Prerequisite of DIS 801, 803, 805, 807 is required.*

*Credits: 3*

*Bi-annually*

**DIS 820 Information Policy and Services**

This course is an investigation of historical context and current policy agenda with attention to social, political, and economic issues along with the policy implications of the electronic environment particularly the Internet, the World Wide Web and development of the National Information Infrastructure. In this course, the focus is on stakeholders in policy development and implementation; the economics of information and the valuing of information; new information technologies; the role of the legal system; federal, state, and municipal roles and responsibilities; and the international arena for information policy.

*Prerequisite of DIS 801, 803, 805, 807 is required.*

*Credits: 3*

*Bi-annually*

**DIS 822 Information and Society**

The course covers the complexity of the interrelationship among information and information technologies and society. By utilizing the work of several of the classic thinkers of the 1930s, 40s and 50s (Mumford, Ellul and Gideon) and moving to more modern approaches such as the social constructivist approach of the Society for the History of Technology, the course will investigate the socialeffects of the use of technology and information, the economics of information and the social and political aspects of information.

*Prerequisite of DIS 801, 803, 805, 807 is required.*

*Credits: 3*

*Bi-annually*

**DIS 824 Information Services**

This course addresses information services from the perspective of institutions dedicated to producing or sharing information; e.g., publishers, schools, libraries, museums, bookstores and research firms. The course covers the impact of electronic formats on all of these. The course provides a re-examination of traditional values and the reshaping of such services as the finding of information, publishing or providing access to it, and the teaching, editing and interpretation of ideas.

*Prerequisite: DIS 803*

*Credits: 3*

*Bi-annually*

**DIS 826 Organizational Information Management**

Exploration of the ways organizations manage information for decision-making and other purposes. Topics include: organizational structure and culture, archival management, record management, digital records, preservation, knowledge management, data warehousing and data mining.

*Prerequisite of DIS 801, 803, 805, 807 is required.*

*Credits: 3*

*Bi-annually*

**DIS 880 Dissertation Research**

The course is the process of research, upon approval and the successful defense of the dissertation proposal. All students must register for at least one credit in each of the Fall and Spring semesters in order to maintain candidacy.

*Credits: 1 to 6*

*Every Fall and Spring*

**DIS 890 Special Topics**

A special topic not covered in the regular curriculum is explored in-depth.

*Prerequisite of DIS 801, 803, 805, 807 is required.*

*Credits: 3*

*On Occasion*

**DIS 899 Independent Study**

The course is an in-depth exploration of a subject that is not covered in the formal curriculum at the doctoral level. In case the subject is in the student's correlated area, the study may be conducted under the direction of an approved instructor outside of LIU. The study must include a comprehensive and analytical review of the literature.

*Prerequisite of DIS 801, 803, 805, 807 is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

**DEPARTMENT OF SPECIAL EDUCATION AND LITERACY**

Phone: 516-299-2245

Fax: 516-299-3312

Chair: Kramer-Vida

Full Professors: DeCarlo, Giuliani, Minge, Mittler, Pierangelo, Sanacore

Associate Professors: Cohen, Feeley, Levitt, Vacca

Assistant Professors: Palumbo, Vida

Adjunct Faculty: 33

The Department of Special Education and Literacy prepares students for New York State certification as special education teachers and literacy specialists. Student can select from three Master of Science degree programs: Literacy; Special Education; and Special Education with a Concentration in Autism. The Department also offers dual certification programs which prepare you to become certified in two specialty areas: Childhood Education (Grades 1 to 6) and Special Education or Literacy.

The mission of the Department of Special Education and Literacy is the generation, preservation, dissemination, and application of knowledge and research in the fields of special education and literacy for the benefit of students, public/private schools and agencies in the Long Island and metropolitan New York community. The Department provides premier instructional, applied research, and public service programming in an open and welcoming environment. We fulfill our commitment to quality by using advanced instructional technologies, fostering lifelong learning, promoting cultural diversity, and working in partnership with our service communities.

The programs are accredited by the Teacher Education Accreditation Council, signifying they meet the highest standards of quality in preparing competent, caring and qualified professional educators who will teach and lead in pre-K through grade 12 schools.

The Special Education Program prepares students to create effective learning environments for three types of students: mentally handicapped, emotionally disturbed, and learning disabled in grades 1 to 6. Coursework includes classroom management, the diagnosis and correction of learning disabilities, and the use of inclusion techniques.

The Literacy Program leads to New York State certification as a Literacy Teacher and prepares students to work in schools and clinical settings as a literacy specialist. Students learn to teach reading and written communications, develop reading curricula, evaluate student progress, and identify students in need of corrective and remedial instruction. Participants develop skills and clinical experience for communicating with parents and the expertise to evaluate district-wide reading programs.

**M.S. in Literacy (Birth to Grade 6)**

The 30-credit Master of Science program leads to New York State certification as a Literacy Teacher for children from Birth to Grade 6, and prepares you to work in schools and clinical settings as a literacy specialist. The curriculum prepares you to teach reading and written communications, develop reading curricula, evaluate student progress, and identify students in need of corrective and remedial instruction. In addition, you will develop skills for communicating with parents and encouraging them to become intimately involved in their child's reading experience.

Students will gain clinical experience at our on-campus Literacy and Learning Development Center.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science program must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 2.5 overall and 2.75 in major grade point average or equivalent in an accredited bachelor's program. Applicants must hold provisional or initial teaching certificate. Students who do not meet these requirements are welcome to discuss their options for admissions with the graduate advisor.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. Education In Literacy (Birth - Grade 6) Requirements (30 credits)**

**Required Literacy Foundation Courses**

EDS 600	Introduction to the Study of the Exceptional Child	3.00
EDS 610	Literacy Teaching and Learning: Birth-Grade 6	3.00

EDS 613	Literacy and Children's Literature: Birth-Grade 6	3.00
EDS 619	Literacy and Literature-based Reading Instruction: Birth-Grade 6	3.00
EDS 640	Literacy in the Content Areas: Birth-Grade 6	3.00
EDS 642	Literacy & Language Arts Instruction B - GR 6	3.00

**Required Literacy Practicum Courses**

EDS 615	Practicum I. Literacy Assessment and Intervention: Birth-Grade 6	3.00
EDS 616	Practicum II. Literacy Intervention: Birth-Grade 6	3.00
EDS 703	Practicum III Overcoming Literacy Difficulties: Birth-Grade 6	3.00

**Required Culminating Experience Course**

EDS 622	Contemporary Issues and Research in Literacy: Birth-Grade 6 (Culmination Experience)	3.00
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**Minimum G.P.A. is 3.0**

**M.S.Ed. in Special Education**

Teaching students with special needs in elementary school requires dedication and knowledge. The 30-credit Master of Science in Education in Special Education (M.S.Ed.) will prepare you to create effective learning environments for three types of students: mentally handicapped, emotionally disturbed and learning disabled. These three areas of specialization are incorporated into one comprehensive program that covers grades 1 to 6.

You will study classroom management and the diagnosis and correction of learning disabilities. You will learn about inclusion techniques - a trend toward keeping special education children in regular classes while also providing additional assistance in that setting. Elective courses include the use of technology in special education, understanding the neurologically impaired child, and the psychology and education of autistic children. Supervised student-teaching opportunities will give you real-world experience with this special population.

The M.S.Ed. in Special Education program is accredited by the Teacher Education Accreditation Council, signifying the program of study meets the highest standards of quality in preparing competent, caring and qualified professional educators who will teach and lead in public and private schools.

**ADMISSION REQUIREMENTS**

Applicants to the M.S.Ed. in Special Education

must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 2.75 in major and 2.5 overall cumulative G.P.A. in a bachelor's program. Initial (or provisional) teaching certificate is required. Special education applicants must hold provisional or initial certification in elementary, early childhood or childhood education. A minimum grade point average of B must be maintained for continuation in the program and eligibility for practicum experiences.
- Personal statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**Master's Degree in Special Education (M.S.Ed.) Grades 1-6 (30 credits)**

**Special Education Core Course Requirements:**

EDS 600	Introduction to the Study of the Exceptional Child	3.00
EDS 617	Literacy for Children with Disabilities: Birth-Grade 6	3.00
EDS 620	Assessment and Diagnosis of Children with Disabilities	3.00
EDS 630	Curriculum-based Assessment and Instruction of Students with Mild Disabilities	3.0

**General Special Education Sub-Plan Course Requirements:**

EDS 631	Curriculum-based Assessment and Instruction of Students with Severe Disabilities	3.00
EDS 632	Instruction and Classroom Management for Children with Emotional and Behavior Problems	3.00

EDS 633	Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)	3.00
EDS 624	Contemporary Issues and Research in Special Education/Culminating Experience	3.00
EDS 702	Practicum in Special Education	3.00
EDS —	Elective in Special Education - Students may choose a Special Education course as an elective	3.00

**With Concentration in Autism/CASE Sub-Plan Course Requirements:**

EDS 629	Curriculum-based Assessment and Instruction of Students with Severe Disabilities - Autism	3.00
EDS 635	Behavior Management for Children with Autism & Developmental Disabilities	3.00
EDS 750	Institute	3.00
SPE 681	Language Disorders in Severe Developmental Disabilities and Autism	3.00
EDS 625	Contemporary Issues and Research in Special Education/Culminating Experience (Autism)	3.00
EDS 704	Practicum In Autism	3.00

**Minimum G.P.A. is 3.00**

**M.S.Ed. in Special Education: Concentration in Autism**

Autism is a complex developmental disability that typically appears in the first three years of life. The Centers for Disease Control estimate that as many as one out of every 110 children falls somewhere on the autism disorder spectrum. Helping these children and their families is the goal of the master's degree program in special education with a concentration in autism. The 30-credit Master of Science in Education prepares highly specialized educators to work with autistic children and adults. It also prepares educators to work in teams with psychologists, social workers and families to respond to the special needs of this unique population. The program leads to New York State certification in Special Education for Grades 1-6, and includes three courses certified by the Behavior Analyst

Certification Board.

As a student in this program, you will study the assessment and instruction of students with severe disabilities, behavior management for children with autism and developmental disorders, communication development and language disorders in autistic children and other subjects central to the education of children on the autism spectrum. Professors with extensive experience and expertise lead small classes, and the program places considerable emphasis on field study and practicum.

**Admission Requirements**

Applicants to the M.S.Ed. in Special Education: Concentration in Autism must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree with at least a 2.75 in the candidate's major field and a 2.50 cumulative average in undergraduate studies. In addition, a provisional or initial teaching certificate is required. Special education applicants must hold provisional or initial certification in elementary or childhood education.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Childhood Education/Literacy (Dual Certification)**

Literacy is an important part of a child's social, emotional and intellectual development. The stronger a child's reading and comprehension skills, the greater the child's potential for life-long success. The Master of Science in Childhood Education/Literacy explores the values of reading, writing and technology and will train you to become a New York State certified teacher of children from grades 1 to 6. This 48-credit program will greatly expand your career opportunities by preparing you for dual certification – offered by New York State – in both childhood education and teaching literacy. The program is accredited by the Teacher Education Accreditation Council, signifying it meets the

highest standards of quality in preparing competent, caring and qualified professional educators in public and private schools.

In your courses, you will explore basic principles of elementary education curricula as well as a full spectrum of instructional strategies and assessment methods. For example, "Social Foundations of American Education" looks at the development of the American school system in a rapidly changing environment, with emphasis on the relationship between education and society, while "Curriculum Development for the Classroom Teacher" examines historical, theoretical and practical considerations of the purpose, content and organization of educational experiences (including non-school settings).

Coursework in literacy covers reading comprehension, selecting appropriate literature for classroom learning, remedial instruction, and current trends in testing and reading techniques. Field work will enable you to work with individual children in classroom settings.

In service to our local community, the Department of Special Education and Literacy offers an on-campus clinic for children with reading challenges: the Literacy and Learning Development Center.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science program must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 2.5 overall and 2.75 in major grade point average or equivalent in an accredited bachelor's program. Students who do not meet this requirement are welcome to discuss their options for admissions with the graduate advisor.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**Dual Certificate M.S. in Childhood Education/Literacy Leading to NYS Initial Certification (48 Credits)**

**Curriculum & Instruction Courses**

**Requirements:**

EDI	600	Psychological Foundations of Education	3.00
EDI	601	Social Foundations of American Education	3.00
EDI	677	Curriculum Development for the Classroom Teacher	3.00
EDI	612	Teaching Social Studies in Grades 1-6	3.00
EDI	613	Teaching Mathematics in Grades 1-6	3.00
EDI	614	Teaching Science in Grades 1-6	3.00
HE	205A	Adolescent Health-Risk Workshop	0.00
EDI	710	Supervised Student Teaching and Seminar for Childhood/Special Ed or Childhood/Literacy	3.00

**Curriculum & Instruction Culminating Experience:**

Student is required to take the Final Project or Comprehensive Exam or Thesis (3 credits)

EDI	705	Thesis Seminar	3.00
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**Literacy Courses Requirements:**

EDS	600	Introduction to the Study of the Exceptional Child	3.00
EDS	610	Literacy Teaching and Learning: Birth-Grade 6	3.00
EDS	619	Literacy and Literature-based Reading Instruction: Birth-Grade 6	3.00
EDS	640	Literacy in the Content Areas: Birth-Grade 6	3.00
EDS	642	Literacy & Language Arts Instruction Birth-Grade 6	3.00
EDS	615	Practicum I. Literacy Assessment and Intervention: Birth-Grade 6	3.00
EDS	616	Practicum II. Literacy Intervention: Birth-Grade 6	3.00
EDS	703	Practicum III Overcoming Literacy Difficulties: Birth-Grade 6	3.00
EDS	622	Contemporary Issues and Research in Literacy: Birth-Grade 6/Culminating Experience	3.00

**Minimum of 3.0 G.P.A.**

**M.S. in Childhood Education/Special Education (Dual Certification)**

This 48-credit Master of Science program prepares you for New York state certification in both Childhood Education and Special Education. You will learn to develop and teach innovative curricula for children in Grades 1 to 6, and to teach elementary school children with special needs, including mental handicaps, learning disabilities, emotional and behavioral disorders, developmental disorders and physical disabilities. In addition, you will explore the historical, social and legal foundations of special education and receive extensive clinical experience by working with children with special needs. You will learn to identify the characteristics of youngsters with varying levels of learning difficulties and adapt instructional strategies and materials to fit their needs.

In service to our local community, the Department of Special Education and Literacy houses two on-campus clinics for children with reading challenges and disabilities: the Literacy and Learning Development Center and the Center for Community Inclusion.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science program must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 2.75 in the candidate's major field and a 2.50 cumulative average. A minimum grade point average of B must be maintained for continuation in the program and eligibility for practicum experiences.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300



**Dual Certificate M.S. in Childhood Education/Special Education Leading to NYS Initial Certification: Requirements**

(48-51 Credits)

**Required Curriculum and Instruction Courses:**

EDI	600	Psychological Foundations of Education	3.00
EDI	601	Social Foundations of American Education	3.00
EDI	677	Curriculum Development for the Classroom Teacher	3.00
EDI	612	Teaching Social Studies in Grades 1-6	3.00
EDI	613	Teaching Mathematics in Grades 1-6	3.00
EDI	614	Teaching Science in Grades 1-6	3.00
HE	205A	Adolescent Health-Risk Workshop	0.00
EDI	710	Supervised Student Teaching and Seminar for Childhood/Special Ed or Childhood/Literacy	3.00

**Culminating Experience:**

Student is required to do a Comprehensive Exam or Final Project or Thesis (with course).

**Thesis Course**

EDI	705	Thesis Seminar	3.00
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**Special Education Core Course Requirements:**

EDS	600	Introduction to the Study of the Exceptional Child	3.00
EDS	610	Literacy Teaching and Learning: Birth-Grade 6	3.00
EDS	617	Literacy for Children with Disabilities:Birth-Grade 6	3.00
EDS	630	Curriculum-based Assessment and Instruction of Students with Mild Disabilities	3.0

**General Special Education Course Requirements:**

EDS	631	Curriculum-based Assessment and Instruction of Students with Severe Disabilities	3.00
EDS	632	Instruction and Classroom Management for Children with Emotional and Behavior Problems	3.00

EDS	633	Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)	3.00
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EDS	624	Contemporary Issues and Research in Special Education/Culminating Experience	3.00
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EDS	713	Supervised Student Teaching and Seminar in Special Education	3.00
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**Autism/CASE Requirements: (51-54 Credits)**

EDS	629	Curriculum-based Assessment and Instruction of Students with Severe Disabilities - Autism	3.00
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EDS	635	Behavior Management for Children with Autism & Developmental Disabilities	3.00
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SPE	681	Language Disorders in Severe Developmental Disabilities and Autism	3.00
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EDS	750	Institute: Diagnosis/Treatment Autism	3.00
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EDS	625	Contemporary Issues and Research in Special Education/Culminating Experience (Autism)	3.00
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EDS	712	Supervised Student Teaching and Seminar in Special Education (Autism)	3.00
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**Minimum of 3.00 G.P.A.**

**M.S. in Childhood Education/Special Education: Concentration in Autism**

The 51-credit program leads to dual New York State certification in childhood education (grades 1 to 6) and special education with a concentration in autism. Courses include psychological and social foundations of education; math, science and social studies methods; and curriculum and assessment. In addition, students take specialized courses in developmental reading, study of the exceptional child, literacy for children with disabilities, behavior management for children with autism, diagnosis and treatment of autism, language disorders, and curriculum-based assessment. Professors with extensive experience and expertise lead small classes, and the program places considerable emphasis on field study and practicum. A minimum of 150 hours of field

experience are required prior to student teaching.

**ADMISSIONS REQUIREMENTS**

Applicants to the Master of Science program must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 2.75 in the candidate's major field and a 2.50 cumulative average. A minimum grade point average of B must be maintained for continuation in the program and eligibility for practicum experiences.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

## Special Education and Literacy Courses

### EDS 600 Introduction to the Study of the Exceptional Child

A basic introduction to exceptionality. A consideration of emotional, neurological, and physically based etiologies as they relate to exceptionality. Specific reference will be given to an overview of disability and impairment and to a system of classification and criteria of classification. *Prerequisite of EDI 600, 601, 612, 613, 614, 677 are required of all Childhood/Literacy and Childhood/Special Education majors only.*

*Credits: 3*  
*All Sessions*

### EDS 605 Beginning Reading & Writing Emergent Literacy

This course is designed for teachers who will learn about the teaching of language arts - reading, writing, listening and speaking in the early childhood classroom. This course will acquaint teachers with scientifically based research, theory, principles, practices, strategies, techniques and tools that are appropriate when considering literacy development in the early years (birth through second grade). The stages of child development and language acquisition will provide the framework for observing children's literacy development and determining appropriate approaches to literacy instruction.

*Prerequisite of Early Childhood major required.*  
*Credits: 3*  
*Every Fall*

### EDS 610 Literacy Teaching and Learning: Birth-Grade 6

A study of strategies and resources in childhood language acquisition and the teaching of literacy for elementary school children. The newest techniques and research findings will be discussed. Students will observe, plan and instruct sample literacy lessons.

*Prerequisites of EDI 600, 601, 612, 613, 614, and 677 with co-requisite of EDI 600 and 601 for Childhood Edu programs are required.*  
*Credits: 3*  
*All Sessions*

### EDS 611 Literacy Assessment for the Classroom Teacher: Birth-Grade 6

This course will acquaint students with current assessment techniques that can be used to evaluate elementary school children within the general education classroom. An emphasis will be placed on current literacy practices, techniques, and strategies used in treating achievement problems of the elementary school child. Effective integration of technology in support of literacy within the classroom setting will be explored. Students will be involved in developing and discussing case studies.

*Prerequisite of EDI 600, 601, and EDS 610 are required.*

*Credits: 3*  
*Every Fall and Spring*

### EDS 612 Literacy Teaching & Learning: Grades 5-12

This course is designed to introduce the content and methods of literacy instruction for adolescent students. Beliefs and theories which have become the basis for instructional practices will also be discussed, as will the use of technologies which might offer new insight and opportunities for adolescent literacy instruction.

*Prerequisite of Adolescent Education major are required.*  
*Credits: 3*  
*Cross-Listings: EDS 612, EDS 612*  
*On Occasion*

### EDS 613 Literacy and Children's Literature: Birth-Grade 6

A survey of the literature for the school child with emphasis on the quality and characteristics of reading materials suitable for various groups. The changing characteristics of children's reading interests and the presentation of books through various media will be included. A reading file will be developed for a particular age group.

*Prerequisite of EDS 610 is required*  
*Credits: 3*  
*Every Fall, Spring and Summer*

### EDS 615 Practicum I. Literacy Assessment and Intervention: Birth-Grade 6

Lecture: The course will stress diagnostic procedures for reading disabilities; observation and interview procedures; diagnostic instruments; standardized and informal tests; report writing and materials of instruction in these areas. Causative factors contributing to specific reading problems will also be explored and discussed. Clinic: Students will develop case studies with individual clients.

*Prerequisites of EDS 610, 613, 619, 640, 642 and co-requisite of EDS 610, 619, 640, 642 are required.*  
*Credits: 3*  
*Every Fall, Spring and Summer*

### EDS 616 Practicum II. Literacy Intervention: Birth-Grade 6

The course will stress corrective procedures, planning and management for children with reading disabilities. Major creative techniques and clinical remedial procedures will be included. Clinic: Students will work with individual clients for a minimum of 20 hours under clinical supervision.

*Prerequisite of 610, 613, 619, 640, 642 are required.*  
*Credits: 3*  
*Every Fall, Spring and Summer*

### EDS 617 Literacy for Children with Disabilities: Birth-Grade 6

This course covers theory, research and effective practices for teaching students with significant reading problems. Specifically, graduates will become immersed in the assessment of literacy problems and their use to provide effective instruction. Both formal and informal instruments will be discussed for determining children's strengths and needs. A variety of instructional approaches will be considered for developing reading strategies and skills in children with disabilities.

*Prerequisite or Co-requisite of EDS 600 or 610 is required.*  
*Credits: 3*  
*Every Fall, Spring and Summer*

### EDS 619 Literacy and Literature-Based Reading Instruction: Birth-Grade 6

Included are the background and description of the various types of literature based reading programs. This course will be concerned with planning, developing and implementing such instruction. The assessment procedures used by the classroom teacher and the implication of literature-based reading instruction upon the total school program will also be discussed.

*Prerequisite or Co-requisite of EDS 610 is required*  
*Credits: 3*  
*Every Fall, Spring and Summer*

### EDS 620 Assessment and Diagnosis of Children with Disabilities

An introduction to instruments and valuation strategies used in assessing children with disabilities and the environmental conditions which contribute to their problems in learning. Practice in administration of test interpretation of results, with suggested remedial and therapeutic interventions, is an important facet of this course.

*Prerequisite or Co-requisite of EDS 600 is required*  
*Credits: 3*  
*Every Fall, Spring and Summer*

### EDS 622 Contemporary Issues and Research in Literacy: Birth-Grade 6 (Culmination Experience)

This course involves the study of critical issues in literacy education. Theory, research and practice will be explored through a vast body of knowledge and field of inquiry related to the perspectives of psychology, sociology, linguistics, and other pertinent areas. Specifically, a wide variety of important topics will be addressed, including balanced reading instruction, phonemic awareness and phonics, multicultural perspectives, literacy learning, basal materials and literature-based resources, traditional and invented spelling practices, process writing, emergent literacy, content literacy, struggling literacy learners, and literacy assessment. Within this context, a diversity of positions and opinions will be considered as students formulate their own views by engaging in activities that encourage critical analysis and

independent thinking.

*Co-requisite of EDS 615 or 616 or 703 and must be taken in last 9 credits are required.*

*Credits: 3*

*Every Fall, Spring and Summer*

**EDS 624 Contemporary Issues and Research in Special Education/Culminating Experience**

This course is an advanced seminar in current issues facing the field of special education, is designed to provide an opportunity for students to research, discuss and understand the topics that are impacting our field and its theoretical base.

*Prerequisite of EDS 600, (610 or 620), 617, 630 and must be taken in the last 9 credits.*

*Credits: 3*

*All Sessions*

**EDS 625 Contemporary Issues and Research in Special Education/Culminating Experience (Autism)**

This course, an advanced seminar in current issues facing the field of special education, is designed to provide an opportunity for students to research, discuss and understand the topics that are impacting our field and its theoretical base.

*Prerequisite of (EDS 600, 620, 617, 630, 750 or (Childhood/Literacy and Childhood/Special Education EDS 600, 610, 630, 750 and taken in last 9crs are required.*

*Credits: 3*

*Every Fall and Spring*

**EDS 629 Curriculum-based Assessment and Instruction of Students with Severe Disabilities - Autism**

This course focuses on methodologies of: (1) assessment; (2) curriculum development;(3) individualized educational planning; and (4) instructional programming for children with severe developmental disabilities aged 6-12. Emphasis will be given to curriculum-based assessment as it relates to instructional planning. Assistive technology to support the learning process will be addressed. Accommodations to facilitate the successful inclusion of students with severe disabilities in general education classrooms will also be reviewed. Attention will be directed toward developing skill in task analysis, IEP preparation, and lesson planning. Case presentations will be utilized to highlight team building and interdisciplinary collaboration in educating children with severe disabilities. The course also includes 15 hours of field observation.

Field experiences are required.

*Prerequisite of EDS 600 is required.*

*Credits: 3*

*Every Fall*

**EDS 630 Curriculum-based Assessment and Instruction of Students with Mild Disabilities**

The course will examine the complexity of the issues inherent in the teaching learning process with particular reference to students with mild disabilities in inclusive settings. The instructional

dimensions that create the conditions of failure for students with learning problems will be characterized. A framework and practical strategies for the use of assessment procedures that focus on effective instructional planning and can reverse the cycle of failure for students with mild disabilities will be emphasized. An assessment model that generates information for the design of an instructional program and provides for the continuous monitoring of student progress in academic areas (such as reading, writing and math) and in content areas (such as social studies and science), will be outlined. Effective instructional strategies and elements of teaching practice that support the learning and growth of students with mild disabilities will also be addressed. The course also includes 15 hours of field observation.

*Prerequisite of EDS 600 and Co-requisite of EDS 620 are required. Childhood/Special Education MS majors need a prerequisite of EDS 600 only.*

*Credits: 3*

*All Sessions*

**EDS 631 Curriculum-based Assessment and Instruction of Students with Severe Disabilities**

This course focuses on methodologies of: (1) assessment; (2) curriculum development; (3) individualized educational planning; and (4) instructional programming for children with severe developmental disabilities aged 6-12. Emphasis will be given to curriculum-based assessment as it relates to instructional planning. Assistive technology to support the learning process will be addressed. Accommodations to facilitate the successful inclusion of students with severe disabilities in general education classrooms will also be reviewed. Attention will be directed toward developing skill in task analysis, IEP preparation, and lesson planning. Case presentations will be utilized to highlight team building and interdisciplinary collaboration in educating children with severe disabilities. The course also includes 15 hours of field observation.

Field experiences are required.

*Co-requisite of EDS 610 or 620 is required.*

*Childhood/Special Education MS Majors require a prerequisite of EDS 610 only.*

*Credits: 3*

*All Sessions*

**EDS 632 Instruction and Classroom Management for Children with Emotional and Behavior Problems**

Focus in this course will be on program development which will include prescriptive remediation based on diagnostic assessment. A consideration of instructional techniques and resources will be of central focus. Fundamental skills in classroom management and in dealing with maladaptive behavior in both inclusive and non-inclusive educational settings will also be surveyed. The course also includes 10 hours of field observation.

*Prerequisites of EDS 600 & EDS 620 are required.*

*Childhood/Special Education MS Majors require a prerequisite of EDS 600 only.*

*Credits: 3*

*All Sessions*

**EDS 633 Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)**

Inclusion represents one of the most significant challenges facing education in recent years. It requires critical changes in attitudes and practice for both general and special educators. This course will explore the concept of inclusion, discuss it from both a theoretical and practical perspective, and present strategies necessary for it to be successful. Included will be discussions of historical and current perspectives, collaboration among professionals, practical classroom administration, instructional adaptations, etc. One specific mechanism to facilitate inclusion will be the use of assistive and instructional technologies with an emphasis on those that can assist in the integration of students with disabilities. The course also included 10 hours of field observation.

*Prerequisite of EDS 600 and Co-requisite of EDS 620 are required. Childhood/Special Education MS Majors require a prerequisite of EDS 600 only.*

*Credits: 3*

*All Sessions*

**EDS 635 Behavior Management for Children with Autism & Developmental Disabilities**

This course provides an introduction to the principles of applied behavior analysis (ABA) and its application for children with autism and other developmental disabilities. Procedures applicable to both individuals and groups will be studied, with particular attention to the area of autism. Skill-building techniques and strategies will be covered with attention devoted to data collection for assessment, evaluation and record keeping. Procedures to improve skills and behaviors as well as to reduce maladaptive and/or stereotypic behaviors will be covered. Opportunities to implement ABA procedures will occur in class, as well as outside of class.

*Prerequisite of EDS 600 is required.*

*Credits: 3*

*Every Spring*

**EDS 640 Literacy in the Content Areas: Birth-Grade 6**

This course will review expository and narrative materials in the content areas as well as those skills unique to each content field. Readability of texts will be explored and means of adapting instruction to a variety of levels in reading will be discussed. Schema development and direct instruction will be emphasized.

*Prerequisite or co-requisite of EDS 610 is required.*

*Credits: 3*

*All Sessions*

**EDS 641 Literacy In Content Area 5-12**

In this course, significant issues concerning

adolescent literacy across the curriculum will be highlighted. Specifically, information concerning literacy development in adolescents will be explored in the context of varied philosophies, theories and practical applications. From this context, a range of viewpoints will be discussed and analyzed to provide a foundation for identifying and appraising a variety of perspectives on each issue concerning content are literacy for adolescents.

*Co-requisite of EDS 610 is required for all Childhood/Literacy and Childhood/Special Education plans only. No prerequisites for Adolescent plans.*

*Credits: 3*

*All Sessions*

**EDS 642 Literacy & Language Arts Instruction B-GR 6**

This course will enable teachers to develop a conceptual framework for the teaching of reading and written communication skills in our schools, focusing on composition, syntax, writing, spelling, and handwriting as interrelated elements of written expression. Instructional practices and materials will be presented, analyzed and evaluated for classroom implementation.

*Prerequisite or co-requisite of EDS 610 is required.*

*Credits: 3*

*All Sessions*

**EDS 652 Sp Ed A-Z Putting It All Together**

Chances are that in the field of special education a graduate of a special education program will probably be hired as a teacher in one of three possible settings: resource room, self-contained special class or an inclusion setting. The first goal of this course will be to discuss the various steps that should be taken to insure the welfare of the children, the proper educational setting, information that should be gathered and other areas to make the individual's job easier and more rewarding. This course assumes nothing and provides important information for all three settings. The second purpose of this course is to understand the needs of parents of children with disabilities in today's schools. This course will also familiarize students with the rights of parents in the special education process, the laws governing special education, the legal requirements of due process, holding responsible and practical parent conferences, helping parents work with their children at home, dealing and coping strategies for a variety of parent personality styles, explaining strategies to parents, working with parents on IEP development, and the role of the special education teacher in assisting parents and their children with transition services.

*Credits: 3*

*On Occasion*

**EDS 702 Practicum in Special Education**

The NYS Department of Education defines the practica as a structured, college-supervised learning

experience for a student in a teacher education program through direct experiences with individual students or groups of students.

*Prerequisites of EDS 600, 620, 617, 630, 631, 632, 633 or EDS 600, 630, 631, 632, 633 are required.*

*Credits: 3*

*Every Fall and Spring*

**EDS 703 Practicum III Overcoming Literacy Difficulties: Birth-Grade 6**

(Open only to students in Literacy specialization.) Students will have full responsibility for diagnosis, correction and remediation of clients with various types of reading problems. Case studies will be developed and instruction will take place under supervision in the University clinic. A minimum of 30 contact-hours will be required in addition to weekly seminars.

*Prerequisites of EDS 600, 610, 613, 619, 640, 615, 616 are required.*

*Credits: 3*

*Every Fall, Spring and Summer*

**EDS 704 Supervised Practicum In Special Education - Autism**

The NYS Department of Education defines the practica as a structured, college-supervised learning experience for a student in a teacher education program through direct experiences with individual students or groups of students.

*Prerequisites of EDS 600, 610 or 620, 617, 629, 630, 750 and co-requisite of EDS 625 or 629 or 635 or SPE 681 are required.*

*Credits: 3*

*Every Fall and Spring*

**EDS 712 Supervised Student Teaching and Seminar in Special Education (Autism)**

Student Teaching in Special Education will require the student to spend a minimum of 175 hours working with students with disabilities at the childhood level in school settings. Student teaching will occur with ongoing supervision of a school based cooperating teacher (certified in special education), along with supervision by a member of the faculty. A weekly seminar will also be required in Special Education and Literacy which the student teaching experience will be discussed, along with current issues addressing preparation to enter into the profession.

*Credits: 3*

*Every Fall and Spring*

**EDS 713 Supervised Student Teaching and Seminar in Special Education**

Student Teaching in Special Education will require the student to spend a minimum of 175 hours working with students with disabilities at the childhood level in school settings. Student teaching will occur with ongoing supervision of a school based cooperating teacher (certified in special education), along with supervision by a member of the faculty. A weekly seminar will also be required in Special Education and Literacy which the student teaching experience will be discussed, along

with current issues addressing preparation to enter into the profession.

*Credits: 3*

*Every Fall and Spring*

**EDS 750 Institute**

Multiple sessions, see bulletin.

*Credits: 3*

*Every Summer*

## DOCTORAL PROGRAM (Ed.D.) IN INTERDISCIPLINARY STUDIES

The Doctor of Education (Ed.D.) in Interdisciplinary Educational Studies prepares candidates for senior positions as principals, superintendents, administrators, researchers, curriculum developers, professors, policy analysts and educational consultants. Through a rigorous, broadly designed curriculum, you will develop the administrative and leadership skills needed to transform today's learning communities by applying an interdisciplinary approach to school reform, curriculum development, educational management and executive leadership. The 51-credit research-based doctoral degree provides two areas of specialization: Teaching and Learning or Educational Leadership. Approximately 30 prospective students, 15 in each area of specialization, are accepted each year into the program. LIU Post's School of Education is a pioneer in educational administration, teaching and counseling and has produced some of the New York metropolitan area's brightest minds in educational reform. For more information about the Ed.D. program log on to [www.liu.edu/cwpost/edd](http://www.liu.edu/cwpost/edd).

### ADMISSIONS REQUIREMENTS

Applicants for the Ed.D. in Interdisciplinary Educational Studies must hold at least a master's degree in education or a related field. Additionally, all applicants must have at least three years of successful teaching, leadership or equivalent experience in educational practice. Admission decisions will be based on the following factors: academic proficiency, professional accomplishments, proposed intellectual focus and potential for completing a rigorous program. After an initial review of applications and supporting documents, some applicants will be invited for a personal interview with at least two committee members: one who represents the Ed.D. core faculty and one who represents the doctoral faculty in the candidate's proposed concentration. Either before or immediately after admission, students must complete an examination to assess competence and/or other prerequisites identified.

For more information about admission requirements or to speak with the program director, contact Joan McCarthy, Secretary to the Dean, at 516-299-2210 or email [joan.mccarthy@liu.edu](mailto:joan.mccarthy@liu.edu) or Dr. Paula Lester, at 516-299-2191 or email [paula.lester@liu.edu](mailto:paula.lester@liu.edu).

### ADMISSION APPLICATION INSTRUCTIONS

Applications to the Ed.D. program are accepted for the fall semester only. All application materials must be received by the March 16 deadline, including transcripts, letters of recommendation, statement of purpose, statement of

research/inquiry, writing sample, c.v./resume and non-refundable application fee. All requested materials should be submitted to the Graduate Admissions Office. The Ed.D. Program does not accept applications for the Spring semester admission.

#### 1. Required Admissions Application

Applicants to the Ed.D. Program must complete the LIU Online Application for Admission at [www.liu.edu/cwpost/onlineapp](http://www.liu.edu/cwpost/onlineapp).

For the field "Campus," select "LIU Post"

- For the field "Admit type," select "Graduate" or "International Graduate" as appropriate
- For the field "Intended major," select "Interdisc Educational Studies Ed.D."

#### 2. Application Fee

Mail a non-refundable application fee of \$40 by either check or money order (made payable to Long Island University) or contact the Bursar to submit fee via credit card. Please write your name on the check or money order. International applicants must pay the fee in U.S. dollars by sending an international money order or check. You can also pay by credit card by printing the Credit Card Authorization form on the Bursar website at [www.liu.edu/cwpost/bursar](http://www.liu.edu/cwpost/bursar) or by calling 516-299-2323. Cash, international postal money orders or Eurochecks are not accepted.

#### 3. Transcripts

Official copies of your undergraduate and graduate transcript(s) from any college(s) you have attended. You may have them sent directly to the Graduate Admissions Office at LIU Post, or you may wish to have them sent to you. In that case, you should submit the transcripts in the original sealed envelope as part of your application packet. Photocopies or student copies are not considered official.

#### 4. Letters of Recommendation

Three letters of recommendation are required. These letters should be written by persons who can comment from personal knowledge on the academic and/or professional qualifications of the applicant. Applicants to the Ed.D. Program must submit one letter of recommendation from a current or former instructor or professor. An employer, school principal or superintendent must write one other recommendation. An employer, former instructor or professional colleague of status may write the third letter of recommendation. At least one letter of recommendation must be obtained from a person holding a doctoral degree (e.g., Ed.D., Pd.D., M.D.). Please ask recommenders holding a doctoral degree to indicate that credential in the text of their letters or to include it in their signature blocks.

#### 5. Personal Statement

Write a statement describing your educational and professional goals and discuss what you hope to gain from doctoral study at LIU. The statement should be one to three pages in length and can be submitted in the body of the online application.

#### 6. Statement of Research/Inquiry

Write a statement describing your primary areas of research or inquiry interest. The statement should be one to three pages in length.

#### 7. Writing Sample

Submit a copy of a publication or a sample of other scholarly writing.

#### 8. Curriculum Vitae/Résumé

Submit a curriculum vitae or résumé, indicating at least three years of successful teaching, leadership or equivalent experience in educational practice.

#### 9. Graduate Admissions Tests

Applicants are encouraged, but not required, to submit scores for the general test (verbal, quantitative and analytic) of the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT). It is the applicant's responsibility to request that the Educational Testing Service (ETS) forward official copies of GRE scores directly to the Graduate Admissions Office (address below).

- For Graduate Record Examinations (GRE) contact Educational Testing Service at [www.gre.org](http://www.gre.org), or call 1-800-GRE-CALL. LIU Post's Educational Testing Service Code is 2070.
- For Miller Analogies Test (MAT) information contact: [www.milleranalogies.com](http://www.milleranalogies.com).

#### 10. International Students – Degree Requirements

International applicants must complete the LIU Online Application for Admission at [www.liu.edu/cwpost/onlineapp](http://www.liu.edu/cwpost/onlineapp) (select "International Graduate" in the field "Admit Type" and select "Interdisc Educational Studies Ed.D." in the field "Intended Major.") Applicants who do not have a master's degree from a U.S. institution must also submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable score for admission to doctoral study is 600. The TOEFL exam requirement may be waived if the applicant has received a degree from a college or university where English is the primary language of instruction.

**COLLEGE OF LIBERAL ARTS AND SCIENCES**

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The College of Liberal Arts and Sciences is LIU Post's oldest, largest and most diverse academic unit. The liberal arts and sciences are the traditional core of LIU Post's educational base and provide specialized learning in biology, criminal justice, earth and environmental science, English, foreign languages, genetic counseling, interdisciplinary studies, history, mathematics, political science, and psychology. Through these comprehensive programs, the College fosters the expansion of knowledge, the excitement of creative thinking and the delight of intense intellectual exchange between students and faculty members.

The College's faculty includes more than 100 highly accomplished scholars, researchers and artists. What most unites these humanists, scientists, social scientists and mathematicians is a dedication to excellence in teaching. Classes are small and highly personalized. Students experience academics in a broad range of subject areas, explore multiple analytical strategies, learn to present ideas clearly and persuasively, and graduate with a degree that enhances their position in the professional world.

If you have questions, please contact the dean's office at 516-299-2233, or fax: 516-299-4140.

**Katherine Hill-Miller, Ph.D.**

Dean

katherine.hill-miller@liu.edu

**Nicholas J. Ramer, Ph.D.**

Associate Dean

nicholas.ramer@liu.edu

**Glynis Pereyra, Ph.D.**

Assistant Dean

glynis.pereyra@liu.edu

## DEPARTMENT OF BIOLOGY

Phone: 516-299-2481

Fax: 516-299-2484

Chair and Graduate Director: Professor Draud  
 Professors: Shodell, Tettelbach  
 Associate Professors: Brummel, Melkonian (Pre-Health Professions Advisor), Schutt  
 Assistant Professors: Blakeslee, Hatch, Santagata  
 Adjunct Faculty: 13

The Department of Biology prepares its graduate students for primary responsibilities in research and teaching as well as for entry into graduate schools for specialization in medicine, dentistry, veterinary medicine and numerous other fields within the biological sciences. Graduate students work collaboratively with faculty on important research projects. Students have access to well-equipped research laboratories and teaching facilities and can take advantage of reduced tuition on travel courses to tropical locations such as Fiji and Jamaica. With a diverse interdisciplinary academic and clinical faculty, the department's graduate program in Genetic Counseling is geared toward students who desire to become certified genetic counselors. In addition to course work, these students also complete clinical genetics rotations at local area health care facilities and hospitals. The Department of Biology offers a Master of Science in Biology and a Master of Science in Genetic Counseling. The graduate program in Genetic Counseling is accredited by the American Board of Genetic Counseling. In addition, students who seek initial or professional New York State certification to teach biology in middle or secondary schools may pursue the Master of Science degree in Middle Childhood Education (Grades 5-9) or the Master of Science degree in Adolescence Education (Grades 7-12) with a concentration in Biology (offered in conjunction with the College of Education, Information and Technology).

### M.S. in Biology

The master's degree program in biology affords students the opportunity to engage in world-class research alongside acclaimed professors, with state-of-the-art facilities and challenging, dynamic curricula. The M.S. in Biology is designed to prepare you for research, teaching and other disciplines within biology, which may lead you toward entry into a medical, dental or veterinary school, as well as for a wide variety of rewarding careers. Students may choose either a thesis (30 credits) or non-thesis (36 credits) option as part of the degree requirements.

#### ADMISSION REQUIREMENTS

Apply to LIU Post at [www.liu.edu/cwpost/onlineapp](http://www.liu.edu/cwpost/onlineapp). Applicants to graduate programs at LIU Post must have a bachelor's degree or equivalent. Applicants must provide undergraduate transcripts, personal

statement and \$40 application fee. For more information on the application process, visit the Office of Graduate Admissions at [www.liu.edu/cwpost/admissions](http://www.liu.edu/cwpost/admissions).

A candidate for admission must submit his or her credentials to the Graduate Admissions Office for review by the Biology Graduate Committee, which may, subsequently, require a personal interview. The applicant should have completed at the undergraduate level: six semesters of biology; one year of college calculus; one year of general chemistry, one year of organic chemistry; and one year of college physics. In addition, a minimum grade point average of 2.75 in the major is required. A candidate whose credentials satisfy all of the above requirements as well as university admissions requirements may be accepted as a fully matriculated student.

A student may be accepted on a limited matriculant basis if his or her credentials are deficient in not more than two areas. Limited matriculants may apply for full matriculant status after removal of all deficiencies. Deficiencies must be removed during the first year of graduate study. Courses taken to remove academic deficiencies must be passed with a grade of C- or better and will not be credited toward degree requirements. Courses may also be taken on a non-matriculant basis. A non-matriculant may apply for matriculant status after he or she completes at least 12, but no more than 18, graduate biology credits provided that his or her cumulative grade point average is 3.00 or better. At least half of these credits must be from among the foundation courses. Undergraduate coursework taken to fulfill a deficiency after the student has completed the bachelor's degree must be passed with a grade of C- or better.

#### ACADEMIC POLICIES

Upon acceptance into the biology graduate program, the student should make an appointment to meet with the Biology Department's graduate director. During this meeting, the student and counselor will discuss degree requirements and complete a tentative Plan of Study and registration forms.

As soon as possible after matriculation, a student planning on completing the thesis option should select a mentor to aid in choosing a thesis topic and completing a thesis which must consist of original research. Students choosing the thesis option and planning on going onto further graduate study are strongly urged to take an additional six credits of course work.

Each grade below B- is considered a deficiency. Two deficiency grades will result in probation. Three deficient grades will result in dismissal. It is the student's responsibility to bring any deficiencies to the attention of the graduate committee chairperson. Questions concerning the graduate program should be taken to the graduate director.

A maximum of six biology credits may be accepted as transfer credits from other schools, but

these courses may not be applied toward the M.S. in Biology without prior written approval from the department chairperson. Limited modifications in the required courses may be made with the approval of the department chairperson and graduate director.

### M.S. in Biology Requirements

Students must choose a capstone option (Non-Thesis or Thesis).

#### Non-Thesis Option Requirements

##### Required Biology Seminar Course

BIO	500	Biology Graduate Seminar	1.00
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Students must complete at least 35 credits in Biology (at least 20 credits in Foundation Courses and the remainder in Elective Courses).

##### Required Biology Foundation Courses

At least twenty credits of the following:

BIO	500	Biology Graduate Seminar	1.00
BIO	501	Population Ecology	3.00
BIO	503	Modern Concepts of Evolution	3.00
BIO	505	Sources in Biological Research	3.00
BIO	506	Experimental Behavioral Ecology	4.00
BIO	510	Molecular Biology	4.00
BIO	513	Biological Chemistry	3.00
BIO	518	Ecology	4.00
BIO	520	Cell Biology	3.00
BIO	525	Eukaryotic Genetics	3.00
BIO	528	Developmental Biology	3.00-4.00
BIO	609	Marine Ecology	3.00

#### Elective Biology Courses

Remainder of 35 credits from all BIO courses excluding BIO 707 and 708

#### Thesis Option Requirements

##### Required Biology Seminar Course

BIO	500	Biology Graduate Seminar	1.00
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Students must complete at least 23 credits in Biology (at least 14 credits in Foundation Courses and the remainder in Elective Courses) and 6 credits in thesis work.

##### Required Biology Foundation Courses

At least fourteen credits of the following:

BIO	500	Biology Graduate Seminar	1.00
BIO	501	Population Ecology	3.00

BIO	503	Modern Concepts of Evolution	3.00
BIO	505	Sources in Biological Research	3.00
BIO	506	Experimental Behavioral Ecology	4.00
BIO	510	Molecular Biology	4.00
BIO	513	Biological Chemistry	3.00
BIO	518	Ecology	4.00
BIO	520	Cell Biology	3.00
BIO	525	Eukaryotic Genetics	3.00
BIO	528	Developmental Biology	3.00-4.00
BIO	609	Marine Ecology	3.00

**Elective Biology Courses**

Remainder of 23 credits from all BIO courses excluding BIO 707 and 708

**Required Thesis Courses**

All of the following:

BIO	707	Thesis Research	3.00
BIO	708	Preparation of Thesis	3.00

**M.S. in Biology Additional**

**Requirements**

Minimum Total Credits = 36 (Non-Thesis Option), 30 (Thesis Option)

Minimum G.P.A. = 3.00

**M.S. in Genetic Counseling**

Director: Greb

Associate Director: Blumenthal

Adjunct Faculty: 3

As genetic testing becomes more available and patients gain unprecedented access to information about birth defects and the likelihood of diseases and medical conditions, the need for professionals who can help them understand and act on genetic test results is increasing rapidly.

The 60-credit Master of Science program in Genetic Counseling is committed to developing a new generation of genetic counselors with the knowledge and skill to help patients make the best decisions. With a diverse, interdisciplinary academic and clinical faculty, the two-year program is geared toward students who desire a rigorous and comprehensive training in the field of clinical genetics. The program emphasizes the scientific, clinical and psychosocial aspects of genetic counseling. Skills learned through classroom-based didactics pave the way for students to enter their clinical rotations for "real-world" training. Additionally, a number of supplementary activities ensure that students will be exposed to non-traditional careers in genetic counseling along with traditional, clinic-based careers. Students must also complete a thesis.

The M.S. in Genetic Counseling is dedicated to

training a diverse group of students to become leaders in the field of clinical genetics. We believe in embracing a supportive and collaborative atmosphere between our students and faculty. Our program is the first of its kind on Long Island and only the third in New York State. It is one of just 30 genetic counseling master's degree programs nationwide accredited by the American Board of Genetic Counseling.

**APPLICATION AND ADMISSION REQUIREMENTS**

Applications to the M.S. in Genetic Counseling are accepted for the fall semester for full-time study only.

- At least one year of general biology
- At least two advanced biology classes in the following areas: genetics, molecular biology or biochemistry
- Organic chemistry
- At least one psychology class
- Recommended Classes: Statistics and probability, calculus, physiology
- At least an overall 3.0 G.P.A. on a 4 point scale in undergraduate studies
  - GRE score should be at 70th percentile or above in all sections.
  - MCAT must be 24 or above.

Applicants must submit LIU Post Online Application for Admission first before forwarding additional application materials.

All application materials must be received by the February 1 deadline, including:

- LIU Post Online Application for Admission (including the Personal Statement)
- Master of Science in Genetic Counseling Supplemental Admissions Application
- Undergraduate and/or graduate transcripts
- Three letters of recommendations
- Application fee: \$40 (non-refundable)
- GRE or MCAT Test Scores

Submit official copies of your undergraduate and graduate transcript(s) from any college(s) you have attended. You may have the transcript(s) sent directly to the Graduate Admissions Office at LIU Post, or you may wish to have them sent to you. In that case, you should submit the transcripts in the original sealed envelope. Transcripts are to be mailed to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, NY 11548-1300

The Genetic Counseling Supplemental Admissions Application and recommendation letters must be submitted by email to: [genetic@cwpost.liu.edu](mailto:genetic@cwpost.liu.edu)

Applicants and those sending recommendation letters must state applicant's name in subject line. For information about GRE Educational Testing Service visit <http://www.gre.org>, or call 1-800-GRE-CALL. LIU Post's Educational Testing Service Code is 2070.

Applications are evaluated in academic and non-academic areas. Academic factors include overall

G.P.A. and GRE or MCAT scores as well as letters of recommendation. Non-academic factors include evidence of a commitment to public service and personal characteristics necessary to be a genetic counselor. A weighted scoring system is used in the evaluation of all these areas. Following the evaluation of all completed applications, select students are invited for a half day of interviewing in March and April. Interviews are required for acceptance. Final selections are made from this group.

**INTERVIEW REQUIREMENTS**

Selected candidates for admission will be invited to an in-person half-day interview with program faculty. A subset of the interviewed students will be accepted into the program. The LIU Post Genetic Counseling Program will contact selected candidates directly to arrange this interview.

**M.S. in Genetic Counseling**

**Requirements**

**Required Genetic Counseling Courses**

All of the following:

ATCG	600	Issues Confronting Genetic Counselors: Principles, Theories and Practices	3.00
ATCG	601	Clinical Genetics in Practice I	3.00
ATCG	602	Clinical Genetics in Practice II	3.00
ATCG	603	Clinical Genetics in Practice III	3.00
ATCG	604	Clinical Genetics in Practice IV	3.00
ATCG	610	Cytogenetics	2.00
ATCG	613	Molecular Genetics	3.00
ATCG	615	Special Topics in Adult Genetics	1.00
ATCG	628	Human Development	3.00
ATCG	668	Genetics Counseling Pre-Practicum	3.00
ATCG	669	Genetic Counseling Practicum	5.00
ATCG	701	Design and Analysis in Genetics Research (taken twice)	1.00

**Required Co-Related Courses**

All of the following:

BIO	514	Biochemical Genetics	3.00
BIO	530	Human Genetics	3.00
BMS	612	Pathophysiology II	3.00



**Required Clinical Genetics Rotations****Fourteen credits of the following:**

ATCG 702	Clinical Genetics	2.00-
	Rotation	4.00

**Required Thesis Course**

ATCG 708	Thesis	3.00
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**M.S. in Genetic Counseling****Additional Requirements****Minimum Total Credits = 60****Minimum G.P.A. = 3.00****M.S. in Middle Childhood****Education: Biology (Grades 5-9)****Joint Program with the College of Education,  
Information and Technology**

The degree of Master of Science in Middle Childhood Education (Grades 5-9): Biology is offered by the College of Education, Information and Technology in conjunction with the Department of Biology. The student must take a minimum of 18 credits of Biology, maintain a cumulative G.P.A. of 3.00 in Education and also in Biology. In addition, any student who receives grades below B- in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B- may lose his or her matriculated status or may be dismissed from the graduate program.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

**M.S. in Adolescence Education:  
Biology (Grades 7-12)****Joint Program with the College of Education,  
Information and Technology**

The degree of Master of Science in Adolescence Education (Grades 7-12): Biology is offered by the College of Education, Information and Technology in conjunction with the Department of Biology. The student must take a minimum of 18 credits of Biology, maintain a cumulative G.P.A. of 3.00 in Education and also in Biology. In addition, any student who receives grades below B- in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B- may lose his or her matriculated status or may be dismissed from the graduate program.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

## Genetic Counseling Courses

### **ATCG 600 Issues Confronting Genetic Counselors: Principles, Theories and Practices**

This course is designed to expose students to issues confronting genetic counseling from a counseling perspective. The student will explore the counseling contexts and situations that genetics counselors are likely to face. It is critical that students understand a historical overview of the profession as they learn the procedures for obtaining a pedigree, helping clients understand diagnoses, determining risks, assessing the need for psychosocial support and exploring diverse counseling theories. In consonance with these needs students will learn the skills that are necessary to gather an accurate and relevant family history. They will explore the genetic counselor's role in working with clients who are depressed, grieving, or suicidal.

*Credits: 3*

*Every Fall*

### **ATCG 601 Clinical Genetics in Practice I**

This course is designed to explore the specific aspects of medicine that genetic counselors must confront in their clinical and/or laboratory careers. There are psychosocial and scientific aspects to every task a genetic counselor must perform. The focus of this course is on clinical knowledge and proper risk assessment for genetic counseling. Issues covered in this semester include prenatal genetics, infertility genetics, hematology genetics, genetic testing based on ethnicity, newborn screening and pediatric genetics. This course has a special fee.

*Credits: 3*

*Every Fall*

### **ATCG 602 Clinical Genetics in Practice II**

This course is designed to explore the specific aspects of medicine that genetic counselors must confront in their clinical and/or laboratory careers. There are psychosocial and scientific aspects to every task a genetic counselor must perform. Focus in this course is on clinical knowledge and proper risk assessment for genetic counseling. Issues covered in this semester include adult cancer genetics, neurological genetics, cardiology genetics, pharmacogenetics, and Bayesian risk calculations. This course has a special fee.

*Prerequisite of ATCG 601 is required.*

*Credits: 3*

*Every Spring*

### **ATCG 603 Clinical Genetics in Practice III**

This course deals with the current state of the genetic counseling profession including licensure, billing and reimbursement, professional relationships, professional organizations, supervision and non-traditional roles. It will also provide a means to discuss student thesis projects as a group and address presentation skills. Areas of discussion related to individual student research

projects will include focus of research question, survey design, IRB submission, selecting a study population and participant recruitment. This course has a special fee.

*Pre requisite of ATCG 602 is required.*

*Credits: 3*

*Every Fall*

### **ATCG 604 Clinical Genetics in Practice IV**

This course will focus on the legal and ethical issues in the practice of genetic counseling and clinical genetics. Genetic counselors often work as members of the health care team in making crucial medical decisions based on genetic test results. Often, these decisions are controversial and are surrounded by legal and ethical issues. This course will address some of the most common legal and ethical challenges face in genetic counseling. Specific topics include ethical principles in medicine, eugenics, legalities and ethics of dealing with confidentiality, elective pregnancy termination, pre-implantation genetic diagnosis and other assisted reproductive technologies, genetic discrimination, gene patenting regulation of genetic testing, appropriate use of new genetic technologies, human subjects in research and wrongful birth/wrongful life. This course has a special fee.

*Pre requisite of ATCG 603 is required.*

*Credits: 3*

*Every Spring*

### **ATCG 610 Cytogenetics**

This course will introduce topics of chromosomal structure and function, chromosome abnormalities and their clinical presentations, chromosomal basis of cancer, and cytogenetic laboratory techniques.

*Credits: 2*

*Every Spring*

### **ATCG 613 Molecular Genetics**

This class will emphasize understanding of the applications of the emerging techniques in molecular biology as they apply to genetics. Special emphasis will be given to topics important to biomedical applications and to those presenting ethical considerations. Due to the rapidly changing nature of this field, all class materials will be derived from primary, non-textbook literature.

*Credits: 3*

*Every Fall*

### **ATCG 615 Special Topics in Adult Genetics**

This is a special topics course focusing on adult genetics. Class is taught in seminar/journal club format, and will cover topics such as cancer genetics, neurogenetics, adult cardiac genetics and pharmacogenetics. These issues are covered at an advanced level, and delve into more specific issues that those presented in ATCG 602.

*Pre Requisite of ATCG 602 is required.*

*Credits: 1*

*Every Fall*

### **ATCG 628 Human Development**

In this course, we will cover human development

including gametogenesis, fertilization, implantation, gastrulation, neurulation, development of major organ systems, and molecular mechanisms controlling pattern formation. Special attention will be given to teratogens, diseases, and genetic conditions that cause particular developmental abnormalities during critical embryological periods. The main model animal systems presented in the laboratory will be avian (chicken) and mammalian (pig) embryos whose development reflects that of humans.

Same as BIO 528 without laboratory.

*Credits: 3*

*Every Fall*

### **ATCG 668 Genetic Counseling Pre-Practicum**

Regardless of which theoretical orientation a counselor eventually chooses, it will rest upon some basic fundamental skills. Some essential conditions present in all types of counseling have their origin in the client-centered approach developed by Carl Rogers. The client-centered counseling approach stresses the critical importance of three basic conditions: accurate empathy, unconditional positive regard, and genuineness. In order to establish a successful counseling relationship these three core characteristics must be present. In genetic counseling it is imperative that counselors be both efficient and expedient in establishing a therapeutic alliance given the serious nature of the information that must be presented in a timely matter to the client. Therefore, it is critical that prospective genetic counselors develop the necessary skills to foster the all important therapeutic relationship necessary to effectively counsel individuals, couples, or families. This is an entry level counseling laboratory course designed to provide basic fundamental communication skills training to prospective counselors in the genetic counseling program. Students are expected to gain an understanding of the role of the genetic counselor and the counseling process itself and how to establish an effective therapeutic alliance and environment. Students will also develop fundamental foundation communication skills and basic counseling strategies. The main emphasis and focus of the course is on practical experience in a counseling environment. Students will participate in role-plays, audio taping of counseling sessions with a client, as well as, simulated practice counseling sessions.

*Pre requisite of ATCG 600 is required*

*Credits: 3*

*Every Spring*

### **ATCG 669 Genetic Counseling Practicum**

This is an in-depth counseling practicum designed to provide supervised genetic counseling experience from a developmental, multicultural perspective. The main emphasis and focus of the course is on practice and development of practice based competencies in students. As a requirement of the Genetic Counseling Program, students obtain hands on experience working with individuals and

family affected with a broad range of genetic disorders in a variety of clinical settings. To complement these training experiences, a counselor-educator as part of this course will provide one hour per week of either individual or triadic supervision in class. An additional one and one half hours of weekly supervision will be provided in group format. Students will participate in role-plays and will audio tape counseling practice sessions. Students will participate in peer critique in a supervised and positive learning environment. The course prepares the genetic counselor trainee to be a reflective practitioner who will deliberate upon and practice the theoretical concepts essential to effective counseling.

*Pre requisite of ATCG 668 is required.*

*Credits: 5*

*Every Fall*

### **ATCG 701 Design and Analysis in Genetics Research**

This course is designed to help students develop the background knowledge and skills needed to successfully complete the research project requirement for the genetic counseling program. The course will offered in the fall and spring semester of the first year of the program. In the fall semester, the following topics will be covered: research project requirements and timeline, the research process: identifying a project topic and mentor, genetic counselors' role in research, literature searches, approach to writing a literature review, RefWorks and technical writing. In the spring semester, the following topics will be covered: developing the research project: hypothesis, materials and methods, choosing your study population and sampling methods; approach to statistical methods, qualitative research design, survey design and presentation methods. This course can be repeated for credit.

*Credits: 1*

*Every Fall and Spring*

### **ATCG 702 Clinical Genetics Rotation**

Field-based rotations in clinical genetics.

*Credits: 2 to 4*

*Every Fall, Spring and Summer*

### **ATCG 708 Thesis**

This course is open only to matriculated students. Approval of department chairperson, program director and mentor is required. In this course, the student executes a proposed thesis topic which the student completes under the supervision of a faculty member. A written thesis and its oral presentation are required.

*Pre requisite of ATCG 603 and co requisite of ATCG 604 is required.*

*Credits: 3*

*Every Spring*

## **Biology Courses**

### **BIO 500 Biology Graduate Seminar**

This once-a-week seminar ranges over the entire spectrum of biological science. Invited speakers and departmental staff members speak earlier in the semester; later in the semester, each student enrolled in the course presents a short seminar based on library research on some topic in biology. Regular attendance and the submission of a thorough annotated bibliography on the student's seminar topic are required. This course may be taken as many as three times.

*Credits: 1*

*Every Fall and Spring*

### **BIO 501 Population Ecology**

This course is three hours of lecture and considers the ecology of populations with emphasis on structure, dynamics, demography and on the behavioral responses of organisms to variable environments.

*Credits: 3*

*On Occasion*

### **BIO 502 Advanced Microscopy**

This course focuses on the study of microscopic technique including the theory and use of the scanning electron microscope, various types of light microscopy, technical drawing and photography through the microscope, and darkroom/digital micrograph image preparation for publication. Term project required.

Four hours lecture, two hours laboratory.

*Credits: 4*

*On Occasion*

### **BIO 503 Modern Concepts of Evolution**

This is a presentation of evidence favoring theories of organic evolution with emphasis on biochemical evolution and population dynamics. Modern genetics and cytology are applied to an understanding of the nature of the evolutionary process.

*Credits: 3*

*On Occasion*

### **BIO 505 Sources in Biological Research**

This course is centered on the development of a critical facility as active readers of the primary scientific literature. Historical materials are initially employed as a starting point for critiquing experimental design, assessing modes of data presentation, and analyzing conclusions drawn from experimental evidence. The course progresses to in-depth analyses of current primary-source research publications. Student presentations and original student-generated protocols and experimental design, with emphasis on the formulation of productive scientific questions, the internal logic of the experimental approach, and appropriate experimental design and controls, will constitute the final portion of the course. May be

used to fulfill literacy requirement for Adolescence Education students at the M.S. level.

*Credits: 3*

*On Occasion*

### **BIO 506 Experimental Behavioral Ecology**

This course focuses on active investigations of aspects of behavioral ecology including mate choice, intrasexual competition, territoriality, parental division of labor, aggression, foraging and communication. Students work in small research teams and learn to construct hypotheses, design experiments to test them and analyze data statistically to draw conclusions. Experiments are conducted over several class periods. Four research projects are conducted during the semester that concentrate on topics listed above, and make use of a variety of vertebrate and invertebrate animals. Students write research papers and review and critique peer-written research reports.

Four hours lecture, two hours laboratory.

*Credits: 4*

*On Occasion*

### **BIO 508 Tropical Biology**

This is a multidisciplinary treatment of the complex interrelations between organisms and their physical and biotic environments in the American tropics. It provides an introduction to the special ecological characteristics of tropical plant and animal communities and offers field experience in the tropics. Length of course varies based on location. This course has special travel fees.

*Credits: 3*

*On Occasion*

### **BIO 510 Molecular Biology**

Macromolecular structures including collagen and chromosome, DNA function including replication, information transfer including gene regulation, gene exchange and rearrangements including transposons are to be considered with special emphasis on recombinant DNA technology. Two hours lecture, four hours laboratory.

*Credits: 4*

*On Occasion*

### **BIO 511 Plankton**

Topics covered include the taxonomy, morphology and identification of the major zooplankton and phytoplankton groups with consideration of ecological and economic significance.

Three hours lecture, three hours

laboratory/fieldwork.

*Credits: 4*

*On Occasion*

### **BIO 512 Endocrinology**

This course is two hours of lecture and collateral readings. This is an introduction to comparative morphology, physiology, histogenesis and biochemistry of the vertebrate endocrine glands. Emphasis is on the consideration of feedback regulatory mechanisms in man and the vertebrates and some invertebrates. Topics include steroid and

protein hormones and the effects of environmental stress.

*Credits: 3*

*On Occasion*

### **BIO 513 Biological Chemistry**

This course is four hours of lecture and is an inquiry into the chemistry of amino acids, proteins and lipids. Enzymes and their role in cytoplasmic carbohydrate metabolism and fatty acid synthesis are discussed. The role of the mitochondrion, especially the Krebs cycle and oxidative phosphorylation, is explored.

Same as BMS 513.

*Prerequisite of Organic Chemistry is required.*

*Credits: 3*

*Every Fall*

### **BIO 514 Biochemical Genetics**

Students will review metabolic pathways and the structure and function of nucleic acids, carbohydrates, lipids, amino acids and proteins.

This course will focus on the biochemistry of genetic disorders resulting in metabolic problems with the processing and storage of amino acids, proteins, lipids, carbohydrates and nucleic acids.

*Credits: 3*

*Every Spring*

### **BIO 515 Plant Anatomy**

The microscopic anatomy of representative vascular plants including disposition and composition of stem, root, leaf and floral tissues, and fine structure of individual cell types is covered. Emphasis is placed on developmental anatomy and taxonomic significance of anatomical structure. Free-hand and freezing techniques are used in preparation of fresh material. Standard procedures of micro-technique and photomicrography are stressed.

Four hours lecture, two hours laboratory.

*Credits: 4*

*On Occasion*

### **BIO 517 Vascular Plants of Long Island**

This course involves summer field and laboratory studies of the local vascular flora including ferns, woody plants and herbaceous flowering plants. Field study sites include most of Long Island's major habitat types. Laboratory work emphasizes morphology, identification and preservation of field collected materials, and also examines the methods and tools of plant systematics investigations.

Two hours lecture, four hours laboratory/fieldwork.

*Credits: 4*

*On Occasion*

### **BIO 518 Ecology**

This summer, field-oriented course studies organisms in their physical environments, natural communities, ecosystems and evolutionary ecology. Study sites range from beach dunes and salt marshes to mixed upland woods.

Two hours lecture, four hours laboratory.

*Credits: 4*

*On Occasion*

### **BIO 519 Mammalogy**

The course is concerned with the biology of major groups of mammals including diversity, taxonomy, morphology, geographic distribution, behavior and evolutionary history.

Identification of and environmental impact on local species are discussed with considerations of ecological and economic significance.

*Credits: 3*

*On Occasion*

### **BIO 520 Cell Biology**

This course is an intensive survey of cellular life and function, emphasizing cellular organelle and function and its integrated role in total cell function.

*Credits: 3*

*On Occasion*

### **BIO 521 Recombinant DNA**

This course studies DNA, its structure, replication and the repair principles underlying the recombinant DNA technique of gene manipulation including host-vector systems, gene construction and cloning. The potential benefits as well as the potential hazards are discussed.

Two hours lecture, four hours laboratory.

*Credits: 4*

*On Occasion*

### **BIO 525 Eukaryotic Genetics**

This advanced study of genetics assumes a basic understanding of genetic principles. The course addresses some of the current issues in genetics gene mapping, gene regulation, genetic structure through reading of historical and current scientific literature. Students use statistical and computer methods of genetic analysis to map genes and analyze DNA sequences.

*Credits: 3*

*Every Fall*

### **BIO 528 Developmental Biology**

In this course, we will cover human development including gametogenesis, fertilization, implantation, gastrulation, neurulation, development of major organ systems, and molecular mechanisms controlling pattern formation. Special attention will be given to teratogens, diseases, and genetic conditions that cause particular developmental abnormalities during critical embryological periods. The main model animal systems presented in the laboratory will be avian (chicken) and mammalian (pig) embryos whose development reflects that of humans.

Three hours lecture when offered for three credits; three hours lecture, three hours laboratory when offered for four credits.

*Credits: 3 to 4*

*Every Fall*

### **BIO 530 Human Genetics**

This course will meet for three hours each week and will focus on genetics and genomics in human medicine. Content will include, but is not limited to: single gene and complex inheritance, clinical cytogenetic principles, chromosomal disorders, autosomal and sex-linked disorders, genetic population variation, risk calculation, behavioral and mental health disorders, cancer genetics, ocular genetics, pharmacogenetics and newborn screening. Students will learn about many individual genetic disorders as well as screening techniques, fundamental concepts of inheritance and screening techniques. Ethical issues in medical genetics will also be covered.

*Credits: 3*

*Every Fall*

### **BIO 531 Ichthyology**

This course focuses on aspects of fish biology including systematics, structure/function, evolution, ecology, physiology and behavior. Lab and field work emphasize collection, identification, maintenance and preservation of specimens of mainly local freshwater, estuarine and marine fishes.

Two hours of lecture, four hours of laboratory/field work.

*Credits: 4*

*On Occasion*

### **BIO 535 Advanced Topics in Biology**

This course is offered in the format that best suits the subject matter (lecture, seminar and/or laboratory). Topics are designed to aid students interested in research activities by stressing current topics, and the theory and practice of current methodologies. Different topics are covered each semester, and in subsequent semesters, different faculty members present the material. The specific topic will be announced in advance and the student may take the course more than once provided the topics differ.

Three hours lecture when offered for three credits; three hours lecture, three hours laboratory/fieldwork when offered for four credits.

*Credits: 3 to 4*

*On Occasion*

### **BIO 537 Fisheries Biology and Aquaculture**

This course is two hours of lecture and collateral readings. This course explores the commercial and biological aspects of fisheries with emphasis on the history, methods and potential of shellfish and finfish farming including methods of estimation of catch, productivity of fishing grounds, migration of fish and conservation methods.

*Credits: 3*

*On Occasion*

### **BIO 540 Limnology**

This is an examination of freshwater biological communities and their associated environments. Attention is given to biological productivity and the chemical, physical and biological dynamics of

freshwater systems with special consideration of planktonic and benthic organisms.

Two hours lecture, two hours laboratory.

*Credits: 3*

*On Occasion*

#### **BIO 572 General Entomology**

This course includes a survey of the insect orders, a study of their structure, biology and classification.

It is an introduction to the study of insects as a major segment of the biological community.

Laboratory exercises in the anatomy and biology of insects include practice in the techniques of insect identification.

Two hours lecture, four hours laboratory.

*Credits: 4*

*On Occasion*

#### **BIO 604 Biological Chemistry Laboratory**

This course is four hours of laboratory. This laboratory course illustrates the application of qualitative and quantitative chemical laboratory principles and procedures to biochemical experimentation. Laboratory procedures involve spectrophotometry, chromatography and radio-tracer methods among other techniques.

*Prerequisite of BIO 513 is required.*

*Credits: 3*

*On Occasion*

#### **BIO 609 Marine Ecology**

This course involves summer field studies in marine and estuarine ecology with consideration of sampling methods and data treatments.

Two hours lecture, two hours fieldwork.

*Credits: 3*

*On Occasion*

#### **BIO 614 Advanced Electron Microscopy**

Course content includes the theory and practice of advanced electron microscopic techniques.

Biological material is examined by the methods of electron histochemistry, negative staining, shadow casting, replication and autoradiography.

Laboratory practice includes detailed instruction on the use and maintenance of the transmission electron microscope. Training in the use of the scanning electron microscope is included.

Two hours lecture, two hour laboratory.

*Prerequisite of BIO 502 is required.*

*Credits: 3*

*On Occasion*

#### **BIO 625 Ecological Modeling**

This course examines the technique of synthesis of mathematical models in ecology and examination of selected current models with emphasis on their predictive properties and on applications. Models dealing with problems of ecoenergetics, population dynamics, spatial relationships and ecological diversity are considered.

*Credits: 3*

*On Occasion*

#### **BIO 626 Wildlife and Wilderness Resources**

This course examines the nature and current status of world wildlife resources and problems of wildlife conservation in relation to competing demands on wilderness and other wild land areas.

*Credits: 3*

*On Occasion*

#### **BIO 641 Advanced Microbiology**

This is an advanced study of microbes, their metabolism, symbiotic interactions and applications in industrial processes. The course includes studies of microbial ecology with an emphasis on the role of microorganisms in the environment.

Three hours of lecture, three hours of laboratory.

*Credits: 4*

*On Occasion*

#### **BIO 651 Comparative Animal Physiology**

This course presents selected topics in animal physiology to show the variety of physiological mechanisms in different animal groups and illustrates some of the trends in physiological adaptation to changing environments. Among the topics to be included are osmoregulation, excretory mechanisms, respiratory pigments, temperature regulation, movement and neural control.

*Credits: 3*

*On Occasion*

#### **BIO 700 Special Problems in Biology**

In this course, the student explores a research problem under the guidance of a member of the biology faculty. Research project requires approval of the Biology department chairperson and the mentor. Credits to be determined with approval of the Biology department chairperson and the research mentor.

*Credits: 1 to 3*

*Every Semester*

#### **BIO 701 Design and Analysis in Biological Research**

The class is intended to provide a broad understanding of the application of statistical procedures to the analysis of scientific data. The emphasis is on the scientific method and hypothesis testing, especially the relationship between experimental design and data analyses. The course is not intended to teach statistical procedures, but rather to help the student understand the relationships among experimental design, data distributions, and proper statistical treatments. The goal is for students to improve their ability to read, comprehend, and critically review relevant scientific literature in their field. Students planning to do research oriented theses will also gain the background required to design scientifically sound experiments. This course can be repeated for credit.

*Credits: 2*

*Every Fall*

#### **BIO 707 Thesis Research**

This courses is open only to matriculated students. Approval of department chairman and mentor is

required. In this course, the student selects a thesis topic which the student completes under the supervision of a faculty member.

*Credits: 3*

*Every Fall, Spring and Summer*

#### **BIO 708 Preparation of Thesis**

This courses is open only to matriculated students. Approval of department chairman and mentor is required. In this course, the student selects a thesis topic which the student completes under the supervision of a faculty member.

*Credits: 3*

*Every Fall, Spring and Summer*

## DEPARTMENT OF CRIMINAL JUSTICE

Phone: 516-299-2467

Fax: 516-299-2587

Chair: Professor Kushner

Associate Professors: Grennan, O'Connor

Adjunct Faculty: 13

The graduate criminal justice program provides an ideal foundation for careers in the law and criminal justice. Our professors are renowned experts and published authors with real-world experience. They specialize in all areas of the criminal justice field, from terrorism to organized crime to women in policing.

The Master of Science degree in Criminal Justice is awarded upon successful completion of 36 credit hours of coursework. The curriculum is comprised of 21 credits of required coursework and 15 credits of electives. In addition to general criminal justice elective courses, elective courses may be chosen in two specific concentrations: Fraud Examination or Security Administration.

LIU Post alumni work in all areas related to the criminal justice system, including probation, parole, law enforcement, court administration, corrections, juvenile justice, diversionary programs and security management. Additionally, our program provides an excellent pathway toward the study of law.

### M.S. in Criminal Justice

The 36-credit Master of Science in Criminal Justice offers an in-depth, 21st century curriculum geared toward forensics, law and society, criminal behavior, cyber crime, terrorism and criminological theory. In addition to our core curriculum, specializations are available in Fraud Examination and Security Administration. All students must complete a thesis under faculty supervision. The program prepares students for modern-day careers in criminal justice, including cyberspace crime detection, law enforcement management systems and homeland security.

Courses are taught by a distinguished faculty that includes published authors, researchers and widely-consulted authorities on the American and world criminal justice systems. Adjunct faculty members are working professionals in the field and include attorneys, judges and law enforcements officials. Our professors will engage and inspire you to exceed your expectations.

Alumni of our program are employed in a wide variety of professional positions: law enforcement officers, federal agents, security officers, prosecutors, corrections counselors, judges, attorneys, private security professionals, homeland security agents, forensic technologists, crime lab technicians, emergency managers, FBI agents and social service representatives.

### ADMISSION REQUIREMENTS

Applicants to the Master of Science in Criminal Justice must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have a bachelor's degree in a related area with a minimum 3.0 undergraduate cumulative average. If a student does not have a background in a related area, he/she may petition the department chair for consideration.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, NY 11548-1300

### MATRICULATION POLICY

Students are fully matriculated into the Department of Criminal Justice when they meet all of the admission requirements for the M.S. degree program in Criminal Justice. In cases where any of the supporting documents specified are missing, an applicant may be admitted as a limited matriculant. Permission to enroll as a limited matriculant will be granted by the Chair of the Department of Criminal Justice only to those applicants who appear to meet the admission standards. Such students will be required to furnish these missing documents within the first semester of enrollment.

### RESIDENCE REQUIREMENTS AND TRANSFER CREDITS

A degree candidate for the Master of Science in Criminal Justice must complete at least 24 credits in residence. Residency is defined as the completion of graduate courses offered by the department or by other graduate departments. Graduate courses taken at other institutions before admission, may, if approved by the department chairperson, be applied toward the master's degree. Transfer credit is limited to 12 semester hours of credit and granted only for grades of B or better.

### ACADEMIC POLICIES

Students must take CRJ 699 the first semester they enroll, or when the course is first offered. Students must take CRJ 700 the first semester they enroll, or when the course is first offered. Students

must register and complete CRJ 707 prior to registering for CRJ 708. An incomplete in CRJ 707 or CRJ 708 must be removed within 18 months and an incomplete for all other courses must be removed within six months from the start of the semester subsequent to the semester in which the incomplete was issued.

A student must maintain at least a 3.0 cumulative grade point average in the M.S. in Criminal Justice program. Any student whose cumulative grade point average falls below 3.00 will be evaluated by the Academic Standing Committee of the Department of Criminal Justice, issued a letter of warning, and placed on probation. A student on probation who fails to bring his or her average up to 3.00 in the succeeding semester may be dropped from the program. In addition, a student who receives grades below B in two graduate courses is considered to have an academic deficiency. A third grade below B, after the student receives a formal warning of the deficiency, may cause the student to lose matriculated status or be dropped from the program.

### M.S. in Criminal Justice

#### Requirements

#### Required Criminal Justice Courses

##### All of the following:

CRJ	555	Technology and the Criminal Justice System	3.00
CRJ	690	Theories of Crime Causation	3.00
CRJ	699	Foundations of Scholarship	3.00
CRJ	700	Research Design and Methods	3.00
CRJ	707	Thesis Research	3.00
CRJ	708	Thesis Consultation	3.00

Students must choose either a concentration in General Criminal Justice Studies or Fraud Examination.

### General Criminal Justice

#### Concentration

#### Required General Criminal Justice

##### Concentration Course

CRJ	675	Critical Issues in Law and Society	3.00
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#### Elective General Criminal Justice

##### Concentration Courses

##### Five courses/fifteen credits of the following:

CRJ	523	Computers and the Criminal Justice System	3.00
CRJ	525	Teaching Criminal Justice	3.00
CRJ	529	Effectiveness of Prevention and Treatment Programs	3.00

CRJ	530	Victimology	3.00
CRJ	536	Introduction to Forensic Technology	3.00
CRJ	540	Employment Discrimination Law	3.00
CRJ	552	Communications and the Criminal Justice System	3.00
CRJ	560	Funding and Grant Evaluation	3.00
CRJ	565	Interpersonal Relations in Administration	3.00
CRJ	570	Seminar in Criminal Justice	3.00
CRJ	577	Police and Professionalism	3.00
CRJ	582	Psychiatry and the Law	3.00
CRJ	585	Seminar in Court Administration	3.00
CRJ	600	Advanced Standing Criminal Justice I	3.00
CRJ	601	Advanced Standing Criminal Justice II	3.00
CRJ	630	Forensic Psychology	3.00
CRJ	631	Seminar in Organized Crime	3.00
CRJ	635	The Mass Murderer and the Violent Criminal	3.00
CRJ	640	Seminar in the Administration of Juvenile Justice	3.00
CRJ	647	Forensic Investigation of Fire, Arson and Explosions	3.00
CRJ	650	Class and Social Structure	3.00
CRJ	652	Seminar on the Grand Jury and the Petit Jury	3.00
CRJ	655	Counseling in Criminal Justice	3.00
CRJ	656	Managerial Supervision	3.00
CRJ	658	Crisis Intervention in Criminal Justice	3.00
CRJ	660	Principles and Methods of Rehabilitation of Offenders	3.00
CRJ	665	Criminal Justice Response to Domestic Violence	3.00
CRJ	670	Narcotic Addiction, Alcoholism and Crime	3.00
CRJ	680	Graduate Internship	3.00
CRJ	686	Seminar in Justice	3.00

CRJ	689	Planning and Management	3.00
CRJ	697	Workload Management	3.00
CRJ	698	Crime and Criminality in Cinematography	3.00
CRJ	734	Forensic Homicide Investigation	3.00
CRJ	760	Terrorism	3.00
CRJ	801	Introduction to Fraud Examination	3.00
CRJ	802	Methods of Fraud Examination	3.00
CRJ	803	Auditing Principles in Fraud Examination	3.00
CRJ	804	Professional Accounting Standards in Fraud Examination	3.00
CRJ	805	Fraud Examination and the Law	3.00
CRJ	806	Ethics in Fraud Examination	3.00
CSA	546	Theories of Private Security and Loss Prevention	3.00
CSA	571	Private Security Administration	3.00
CSA	581	Security of Intellectual Property	3.00
CSA	582	Instructing Security Trainers	3.00
CSA	583	Security Law	3.00
CSA	587	Institutional Security Planning	3.00
CSA	593	Investigation Management	3.00

**Fraud Examination Concentration**

**Required Fraud Examination**

**Concentration Courses**

**All of the following:**

CRJ	801	Introduction to Fraud Examination	3.00
CRJ	802	Methods of Fraud Examination	3.00
CRJ	803	Auditing Principles in Fraud Examination	3.00
CRJ	804	Professional Accounting Standards in Fraud Examination	3.00
CRJ	805	Fraud Examination and the Law	3.00
CRJ	806	Ethics in Fraud Examination	3.00

**M.S. in Criminal Justice Additional Requirements**

**Minimum Total Credits = 36 (both concentrations)**

**Minimum G.P.A. = 3.00**

**M.S. in Criminal Justice - Security Administration**

**M.S. in Criminal Justice - Security Administration Requirements**

**Required Criminal Justice Courses**

**All of the following:**

CRJ	555	Technology and the Criminal Justice System	3.00
CRJ	675	Critical Issues in Law and Society	3.00
CRJ	690	Theories of Crime Causation	3.00
CRJ	699	Foundations of Scholarship	3.00
CRJ	700	Research Design and Methods	3.00
CRJ	707	Thesis Research	3.00
CRJ	708	Thesis Consultation	3.00

**Elective Security Administration Courses**

**Five courses from the following:**

CSA	546	Theories of Private Security and Loss Prevention	3.00
CSA	571	Private Security Administration	3.00
CSA	581	Security of Intellectual Property	3.00
CSA	582	Instructing Security Trainers	3.00
CSA	583	Security Law	3.00
CSA	587	Institutional Security Planning	3.00
CSA	593	Investigation Management	3.00

**M.S. in Criminal Justice - Security Administration Additional Requirements**

**Minimum Total Credits = 36**

**Minimum G.P.A. = 3.00**

## Criminal Justice Courses

### CRJ 523 Computers and the Criminal Justice System

This course is an explanation of the application of basic computer technology in the criminal justice system. This course includes a discussion of more effective and efficient use of computer systems in various aspects of agency work.

*Credits: 3*

*On Occasion*

### CRJ 525 Teaching Criminal Justice

This is a course designed primarily for secondary school teachers that surveys the component parts of the criminal justice system. Particular attention is given to law enforcement agencies, courts, corrections, probation, parole and rights of the accused.

*Credits: 3*

*On Occasion*

### CRJ 529 Effectiveness of Prevention and Treatment Programs

This course is a review of the basic concepts and strategies in evaluative research. Topics include topologies of treatment and prevention programs, what works, measuring effectiveness, types of evaluative research designs and exemplary projects.

*Credits: 3*

*On Occasion*

### CRJ 530 Victimology

The criminal justice system is discussed with emphasis on treatment of the victims as well as how criminal justice agencies hinder or encourage the victim in reporting a victimization and processing the crime.

*Credits: 3*

*On Occasion*

### CRJ 536 Introduction to Forensic Technology

This course covers the technological aspects used by law enforcement in apprehension and prosecution of offenders. The course covers methods used including fingerprint discovery at crime scenes, ballistic identification, document examinations, serology, and hair and fiber analysis.

*Credits: 3*

*On Occasion*

### CRJ 540 Employment Discrimination Law

This course is an overview of various laws that directly impact employers, managers and supervisors in both the public and private sector. The course covers diverse viewpoints regarding outstanding employment cases pertaining to personnel and discrimination issues.

*Credits: 3*

*On Occasion*

### CRJ 552 Communications and the Criminal Justice System

This course is a discussion of the role of mass

media in facilitating and hindering the functioning of the criminal justice system-exposing deviant behavior, communicating information for arrest and crime prevention, prejudicing court procedures, misrepresentation, libel and defamation.

*Credits: 3*

*On Occasion*

### CRJ 555 Technology and the Criminal Justice System

This course is an analysis of high-tech society, the impact of advanced technology on the crime scene and its application in criminal justice management.

*Credits: 3*

*Annually*

### CRJ 560 Funding and Grant Evaluation

This course is a survey of the sources for criminal justice funding. The criteria and standards for meaningful evaluation of grants and reporting responsibilities of both agencies and independent evaluators are examined.

*Credits: 3*

*On Occasion*

### CRJ 565 Interpersonal Relations in Administration

This course is an analysis of group behavior in organizations, the dynamics of group membership and leadership as they relate to administration of business enterprise and contributions made by the behavioral sciences.

*Credits: 3*

*On Occasion*

### CRJ 570 Seminar in Criminal Justice

The seminar focuses on the major components of the criminal justice system. Special attention is given to the functions and role of the police, correctional institutions, courts, probation and parole. Integration of agencies, bureaucratic structures and value systems is also studied.

*Credits: 3*

*On Occasion*

### CRJ 577 Police and Professionalism

This course is an analysis of the concept of professionalism and its relation to social control with special reference to the police. Subject matter explores how professionalism may be functional or dysfunctional, the further accountability and ethical consideration in policy making, the control of police abuses and the self-regulation system.

*Credits: 3*

*On Occasion*

### CRJ 582 Psychiatry and the Law

This course is an examination of the legal implications in psychiatric diagnosis, commitment and treatment; the utilization of psychiatric testimony by judge and jury in the criminal justice system.

*Credits: 3*

*On Occasion*

### CRJ 585 Seminar in Court Administration

This course is an overview of the administration and management of the court system. The purpose and functioning of a criminal court jurisdiction and the management of intake and control of the participating parties is covered.

*Credits: 3*

*On Occasion*

### CRJ 600 Advanced Standing Criminal Justice I

This course is an independent study in a selected area of criminal justice under the supervision and direction of a member of the criminal justice faculty.

*Credits: 3*

*Every Fall, Spring and Summer*

### CRJ 601 Advanced Standing Criminal Justice II

This course is an independent study in a selected area of criminal justice under the supervision and direction of a member of the criminal justice faculty.

*Credits: 3*

*Every Fall, Spring and Summer*

### CRJ 630 Forensic Psychology

This course examines the part that psychology plays with all facets of the police, courts, and corrections. The course probes the interaction of all components and the role of psychological interaction with these components.

*Credits: 3*

*On Occasion*

### CRJ 631 Seminar in Organized Crime

This seminar traces the historical roots of organized criminality from circa 1850 to the present. Structural models are compared for understanding "emerging" group; in that context, international aspects and transnational characteristics are examined. Special attention is paid to dependencies and cooperation among ethnicities.

*Credits: 3*

*On Occasion*

### CRJ 635 The Mass Murderer and the Violent Criminal

This course studies the biological, psychological, and environmental cases of the violent criminal. An in-depth study of individual offenders is made to analyze causation.

*Credits: 3*

*On Occasion*

### CRJ 640 Seminar in the Administration of Juvenile Justice

This course is a comprehensive study of the juvenile justice system. The seminar deals with apprehension, adjudication, treatment and prevention as these relate specifically to the administration of juvenile justice.

*Credits: 3*

*On Occasion*



**CRJ 647 Forensic Investigation of Fire, Arson and Explosions**

A safe and systematic investigation and analysis of fire and explosion incidents. Specific procedures will be presented to assist in these investigations.

*Credits: 3*

*On Occasion*

**CRJ 650 Class and Social Structure**

This seminar examines American cultural pluralism and social structure and their impact on the criminal justice system.

*Credits: 3*

*On Occasion*

**CRJ 652 Seminar on the Grand Jury and the Petit Jury**

This course is a study of the grand and petit juries and the present-day statutory and constitutional mandates affecting those institutions.

Consideration is given to the alternatives to a grand jury system, the possible elimination of the grand jury as presently constituted, the waiver of grand jury presentment, as well as the functions performed and the safeguards, if any, achieved by our present system.

*Credits: 3*

*On Occasion*

**CRJ 655 Counseling in Criminal Justice**

This course is a survey of individual and group counseling techniques for use in treatment-oriented criminal justice agencies. The different counseling techniques in probation, parole, corrections, and drug and alcohol treatment agencies are all explored.

*Credits: 3*

*On Occasion*

**CRJ 656 Managerial Supervision**

This course is a study of the theories, methods and practices in the administration of punishment. Among the topics covered are trends in punitive policy practices on the local, state and national levels.

*Credits: 3*

*On Occasion*

**CRJ 658 Crisis Intervention in Criminal Justice**

This course is a survey of the application of crisis negotiation techniques as they apply to probation, parole, corrections and law enforcement agencies.

*Credits: 3*

*On Occasion*

**CRJ 660 Principles and Methods of Rehabilitation of Offenders**

This course is an overview of the methods used in the rehabilitative process. The synthesis of theory with primary emphasis on social and cultural milieus is considered.

*Credits: 3*

*On Occasion*

**CRJ 665 Criminal Justice Response to Domestic Violence**

The course deals with the historic, social, and legal forces that have shaped the criminal justice response to domestic violence.

*Credits: 3*

*On Occasion*

**CRJ 670 Narcotic Addiction, Alcoholism and Crime**

This course is a survey of the multi-factorial causes of chemical abuse; primarily, addiction to narcotics and alcohol, the characteristics of the addict and abuser and the legal sanctions developed for its control.

*Credits: 3*

*On Occasion*

**CRJ 675 Critical Issues in Law and Society**

This course is an analysis of the ways laws evolve along with social change, the applicability of laws in relation to the criminal justice system and the structure of society and the viability of laws in relation to changing moral standards.

*Credits: 3*

*Annually*

**CRJ 680 Graduate Internship**

This course is a planned program of observation and participation in selected criminal justice agencies. It explores the gap between the development of criminological theory and the practical application of that theory.

*Credits: 3*

*On Occasion*

**CRJ 686 Seminar in Justice**

This course is a comprehensive examination of the organization and management of criminal justice agencies. Particular attention is paid to organization principles and practices, structure, supervision, administrative communications and the fiscal management of the criminal justice budget.

*Credits: 3*

*On Occasion*

**CRJ 689 Planning and Management**

This course is a systematic analysis of parole and probation management at the administrative, supervisory and line levels.

*Credits: 3*

*On Occasion*

**CRJ 690 Theories of Crime Causation**

This course is a survey of the theoretical implications of criminal acts in relation to behavioral systems. It is an analysis of sociogenic, psychogenic, economic, anthropological and physical-type theories.

*Credits: 3*

*Annually*

**CRJ 697 Workload Management**

This course examines the workload management for probation and parole staff at the administrative,

supervisory, and line levels.

*Credits: 3*

*On Occasion*

**CRJ 698 Crime and Criminality in Cinematography**

This course is an overview of the various components of the criminal justice system as seen through the case studies presented through the medium of cinematography. Films dealing with court procedures, juries, police practices, prosecutorial problems, sentencing procedures, prisons, causes of crime and corrections are explored.

*Credits: 3*

*On Occasion*

**CRJ 699 Foundations of Scholarship**

This course must be taken in the student's first semester of attendance in order to develop tools for conducting research and for writing papers in the field of criminal justice. The course explores approaches to writing a research paper, forms of documentation, library resources, data sources, and computer usage.

*Credits: 3*

*Annually*

**CRJ 700 Research Design and Methods**

This course must be taken in the student's first or second semester of attendance. It is a survey of research designs, analytical techniques and the preparation of research papers.

*Credits: 3*

*Annually*

**CRJ 707 Thesis Research**

This course is taken prior to CRJ 708. It is an advanced study of the scientific method in the discipline of Criminal Justice, together with the preparation of a master's thesis proposal and an outline of the thesis. CRJ 707 and CRJ 708 must be taken consecutively in the student's last two semesters of study after maintaining a 3.00 or better G.P.A.

*Prerequisite of CRJ 699 or CRJ 700 is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

**CRJ 708 Thesis Consultation**

This course is the actual writing of the master's thesis. CRJ 707 and CRJ 708 must be taken consecutively in the student's last two semesters of study after maintaining a 3.00 or better G.P.A.

*Prerequisite of CRJ 699 or CRJ 700, and CRJ 707 are required.*

*Credits: 3*

*Every Fall, Spring and Summer*

**CRJ 734 Forensic Homicide Investigation**

Students gain knowledge of the crime regarded as the most heinous of all criminal acts. Investigative techniques used, the importance of the medical examiner's autopsy, and the time factors involved in the solution are discussed.

*Credits: 3*

*On Occasion*

**CRJ 760 Terrorism**

This course is a survey of terrorism within the United States. Topics include the threat of domestic and international terrorism, terrorist groups, and counter-terrorism strategies, among other related topics.

*Credits: 3*

*On Occasion*

**CRJ 760T Terrorism**

This course is a survey of terrorism within the United States. Topics include the threat of domestic and international terrorism, terrorist groups, and counter-terrorism strategies, among other related topics.

*Credits: 3*

*On Occasion*

**CRJ 801 Introduction to Fraud Examination**

This course is an analysis of the fraud problem and its impact, both economic and social, on America. Pertinent white collar crime laws and the various enforcement and prosecutorial agencies that deal with fraud are also discussed.

*Credits: 3*

*On Occasion*

**CRJ 802 Methods of Fraud Examination**

Various investigative and auditing techniques essential to the prevention, detection, resolution of fraud problems are examined in this course.

*Prerequisite or Co-requisite of CRJ 801 is required.*

*Credits: 3*

*On Occasion*

**CRJ 803 Auditing Principles in Fraud Examination**

This course studies the detecting of fraud through the use of auditing techniques, ratio analysis, statistical methods application, and other pertinent accounting methods. The course includes controls to detect and prevent fraud.

*Prerequisite of CRJ 802 is required.*

*Credits: 3*

*On Occasion*

**CRJ 804 Professional Accounting Standards in Fraud Examination**

This course is the analysis of past and present professional accounting and auditing standards and their application to fraud problems. The changes occurring in the accounting profession and their implication on the growing threat of white collar crime are discussed.

*Prerequisite or Co-requisite of CRJ 803 is required.*

*Credits: 3*

*On Occasion*

**CRJ 805 Fraud Examination and the Law**

This course discusses the application of federal and state criminal and civil statutes and a detailed application of these laws to current and historical

fraud cases. The rules of criminal and civil procedure are studied. The course includes a review of cases from the common law to decisions of the U.S. Supreme Court that frame the overall fraud discussion.

*Prerequisite of CRJ 804 is required.*

*Credits: 3*

*On Occasion*

**CRJ 806 Ethics in Fraud Examination**

This course analyzes the professional responsibilities and limitations of auditors, investigators, lawyers and fraud examiners. Ethical considerations of a consultancy and conduct as an expert witness are discussed. The confidential relationship between a fraud examiner and a client are studied.

*Prerequisite or Co-requisite of CRJ 805 is required.*

*Credits: 3*

*On Occasion*

**CSA 546 Theories of Private Security and Loss Prevention**

This course is an analysis of the operative principles in deterring business and industrial crime. The concept of defensible space, internal and external access control and psychological security barriers are all discussed.

*Credits: 3*

*On Occasion*

**CSA 571 Private Security Administration**

This course is the study of the organization, administration and management of security, plant protection, and loss prevention. Policy and decision-making, personnel, budgeting, safety and fire prevention programs in business, industry and government are covered.

*Credits: 3*

*On Occasion*

**CSA 581 Security of Intellectual Property**

This course is a discussion of the clarification and classification of intellectual property. Particular attention is paid to the use of management skills in stating and implementing company security policy safeguards.

*Credits: 3*

*On Occasion*

**CSA 582 Instructing Security Trainers**

This course covers instructional techniques for security trainers in the preparation and presentation of loss prevention and loss control knowledge and skills; and is a course in training the trainers.

*Prerequisite of CSA 581 is required.*

*Credits: 3*

*On Occasion*

**CSA 583 Security Law**

This course is a survey of the major legal issues in criminal and civil law impacting on the private security industry. The course is a discussion of self-incrimination, search and seizure, electronic

eavesdropping, coerced confessions, right to counsel, illegal detention, use of deception devices, interrogation techniques and professional ethical responsibilities.

*Credits: 3*

*On Occasion*

**CSA 587 Institutional Security Planning**

This course is the comparative analysis of relevant security problems in public and private institutional settings.

*Credits: 3*

*On Occasion*

**CSA 593 Investigation Management**

This course is an examination of investigation techniques involved in hiring practices, loss control, crime and regulatory agency violations.

*Credits: 3*

*On Occasion*

## DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCE

Phone: 516-299-2318

Fax: 516-299-3945

Chair and Graduate Director: Professor Boorstein  
Associate Professors Carlin, DiVenere, Kennelly, Pires, Tanguay

Adjunct Faculty: 7

The curricula of the Department of Earth and Environmental Science spans the study of Earth's makeup and physical processes to human interactions with the environment and the flow of natural resources through our urban and suburban settings and the natural environment. Principal research and teaching interests of the faculty include sustainability, conservation of natural resources, meteorology, global climate change, geographic information systems, plate tectonics, sedimentology and coastal processes. Students have gone on to work for governmental agencies, environmental consulting firms, and school districts across Long Island, as well as to advanced graduate studies at universities in the U.S. and abroad.

The Department of Earth and Environmental Science offers the M.S. in Earth Science, the M.S. in Environmental Sustainability and the Advanced Certificate in Mobile GIS Applications Development. In addition, students who seek initial or professional New York State certification to teach earth science in middle or secondary schools may pursue the Master of Science degree in Middle Childhood Education (Grades 5-9) or the Master of Science degree in Adolescence Education (Grades 7-12) with a concentration in Earth Science (offered in conjunction with the College of Education, Information and Technology).

### M.S. in Earth Science

The Master of Science in Earth Science prepares teachers, geologists, environmental leaders, planners, industry consultants, and others in the public and private sectors to management community and natural resource concerns, from groundwater and recycling to pollution and global warming. Advanced coursework ranges from astronomy, meteorology, conservation of natural resources, and geographic information systems to oceanography, groundwater geology, environmental geochemistry, and global climate change.

The program is designed for working professionals who wish to obtain an advanced degree in the field and also for teachers who hold initial certification but need a master's degree to secure permanent teacher certification in the State of New York. The program may also benefit fully certified teachers who wish to expand their fields

of expertise. Students may use the degree as a stepping stone to a Ph.D. program. Students may choose to write a thesis or complete a comprehensive examination.

The 32-credit program allows for flexibility in meeting certification requirements, geotechnical and government agency employers' needs, and individual career interests. The graduate courses are offered during the evening to accommodate working students. Our department's past graduate students are working across Long Island and beyond as teachers and as environmental scientists and consultants.

#### ADMISSION REQUIREMENTS

Applicants to the M.S. in Earth Science must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- A bachelor's degree, preferably in a natural science, with a minimum G.P.A. of 3.0. Students who do not meet these requirements are welcome to discuss their options for admission with the graduate advisor.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, NY 11548-1300

#### ACADEMIC POLICIES

Students who do not choose the thesis option will take two courses from the choice of electives and are required to pass a comprehensive examination. If a student does not pass the comprehensive examination, he or she, at the discretion of the Department, may take the examination a second time. If the student fails a second time, the student may not receive the degree.

### M.S. in Earth Science Requirements

#### Required Earth Science Courses

##### All of the following:

ERS 513 The Earth Environment I 4.00

ERS 514 The Earth Environment II 4.00

#### Elective Earth Science Courses

##### Eighteen credits of the following:

AST	501	Spherical and Elliptical Astronomy	3.00
ERS/ GGR	501	Mapping Environmental Data with GIS	3.00
ERS/ GGR	502	GIS Applications	3.00
ERS/ GGR	515	Principles of Meteorology	3.00
ERS/ GGR	522	Natural Disasters	3.00
ERS/ GLY	529	Global Climate Change	3.00
ERS	535	Field Studies in Earth Science	1.00-3.00
ERS	700	Research Problems in Earth Science	1.00-2.00
ERS	701	Special Topics in Earth Science	3.00
GGR	518	Topics in Applied Conservation	3.00
GGR	535	Field Studies in Geography	1.00-3.00
GGR	701	Special Topics in Geography	3.00
GLY	510	Oceans, Coasts and Sustainability	3.00
GLY	511	Continental Drift and Plate Tectonics	3.00
GLY	513	Marine Geology	3.00-4.00
GLY	514	Marine Sedimentary Environment	3.00
GLY	516	Physical Oceanography	3.00
GLY	517	Geomorphic Processes	3.00
GLY	518	Groundwater Geology	3.00
GLY	519	Coral Reef Geology	3.00
GLY	520	Sedimentary Geology	3.00
GLY	521	Stratigraphy	3.00
GLY	523	Environmental Geochemistry	3.00
GLY	526	Earth Materials	3.00
GLY	533	Methods of Field Geology for Earth Science Teachers	3.00
GLY	535	Field Studies in Geology	1.00-3.00
GLY	550	Environmental Geology	3.00

GLY 701 Special Topics in Geology 3.00

*Students must choose a capstone option (Comprehensive Exam or Thesis).*

**Comprehensive Exam Option Requirements**

**Additional Elective Earth Science Courses**

Six additional credits from above elective course list.

**Required Comprehensive Exam**

Students must pass a comprehensive exam administered by the Earth and Environmental Science Department.

**Thesis Option Requirements**

**Required Thesis Courses**

All of the following:

ERS 707 Thesis Research 3.00  
ERS 708 Thesis 3.00

**M.S. in Earth Science Additional Requirements**

Minimum Total Credits = 32 (both options)

Minimum G.P.A. = 3.00

**M.S. in Environmental Sustainability**

The 33-credit Master of Science in Environmental Sustainability at LIU Post, the only degree of its kind on Long Island, is designed to educate and train professionals to develop environmentally sustainable solutions for society via multidisciplinary and interdisciplinary coursework integrating the physical and social sciences. The program centers on issues specific to the Long Island/New York metropolitan region while also considering the global context. Students in the Environmental Sustainability program will investigate the region's diverse Earth systems and constructed infrastructures. Students will be challenged to offer sustainable long-term solutions to a range of critical environmental issues. Our key challenge is to develop resource and energy systems that advance the region's long-term health and sustainability by developing solutions that can be implemented in partnership with government agencies, businesses, and non-profit organizations.

**ADMISSIONS REQUIREMENTS**

Applicants to the M.S. in Environmental Sustainability must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended. A bachelor's degree, preferably in a natural science, with a minimum G.P.A. of 3.0. Students who do not meet these requirements are welcome to discuss

their options for admission with the graduate advisor.

- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions  
LIU Post  
Admissions Processing Center  
P.O. Box 805  
Randolph, MA 02368-0805

**M.S. in Environmental Sustainability Requirements**

**Required Environmental Sustainability**

**Courses**

All of the following:

ERS/ 501 Mapping Environmental 3.00  
GGR Data with GIS  
EVS 501 Principles of 3.00  
Environmental Sustainability  
EVS 620 Environmental 3.00  
Sustainability Seminar

**Elective Environmental Sustainability**

**Courses**

Eight courses/twenty-four credits of the following:

ERS/ 502 GIS Applications 3.00  
GGR  
ERS/ 529 Global Climate Change 3.00  
GLY  
EVS 520 Sustainable Land Use and 3.00  
Transportation  
EVS 530 Sustainable Energy 3.00  
Systems  
EVS 575 Special Topics in 3.00  
Environmental Sustainability  
EVS 610 Material and Energy Flow 3.00  
GGR 518 Topics in Applied 3.00  
Conservation  
GLY 510 Oceans, Coasts and 3.00  
Sustainability  
GLY 518 Groundwater Geology 3.00

GLY 550 Environmental Geology 3.00

**M.S. in Environmental Sustainability Additional Requirements**

Minimum Total Credits = 33

Minimum G.P.A. = 3.00

**Advanced Certificate in Mobile GIS Applications Development**

Applications for mobile devices, often called "apps," have become essential for businesses, consumers and government. Geospatial technology – making geographic information available for commercial uses – is recognized by the U.S. Department of Labor as a high-growth industry. In response to the increasing demand for this state-of-the-art technology, LIU Post offers a 12-credit fully online Advanced Certificate in Mobile GIS Applications Development. The program specializes in the creation of mobile apps using **location-based technologies**.

Focusing on the intersection of two burgeoning industries -- geospatial technology and smartphone/web application development – the program will help students master the necessary skills in geographic information systems, computer programming, geographic development for iOS or Android, and geographic web application development to become effective app developers.

Students benefit from a distance learning environment that allows students to participate in the program from their home computer, at work, while traveling or on a mobile device. The curriculum, specific to mobile GIS, uses the technical competencies defined both industry- and sector-wide.

**ADMISSIONS REQUIREMENTS**

Applicants to the Advanced Certificate in Mobile GIS Applications Development must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable).
- Official undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- A bachelor's degree with a minimum G.P.A. of 3.0.
- Submit a statement of approximately 100 to 200 words which provides 1) a summary of educational, professional and personal experience with technology and 2) a summary of how the applicant hopes to use mobile GIS app development in their career or personal pursuits. You may submit this statement as part of the Online Application for Admission, or follow at a later date as a hard copy.
- Applicants who do not have a sufficient background computer science or technology may be required to complete additional coursework before gaining full matriculation.
- Interested students who do not meet all

admission requirements will be advised by the Program's Directors of all options for matriculating.

- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions  
LIU Post  
Admissions Processing Center  
P.O. Box 805  
Randolph, MA 02368-0805

### **Advanced Certificate in Mobile GIS**

#### **Applications Development**

#### **Requirements**

##### **Required Mobile GIS Applications**

##### **Development Courses**

##### **All of the following:**

GIS	501	Introduction to GIS	3.00
GIS	502	Introduction to Computer Programming	3.00

##### **Elective Mobile GIS Applications**

##### **Development Courses**

##### **Two of the following:**

GIS	503	Mobile Geographic Application Development for iOS	3.00
GIS	504	Mobile Geographic Application Development for Android	3.00
GIS	505	Geographic Web Application Development	3.00

### **Advanced Certificate in Mobile GIS**

#### **Applications Development Additional Requirements**

**Minimum Total Credits = 12**

**Minimum G.P.A. = 3.00**

### **M.S. in Middle Childhood Education: Earth Science (Grades 5-9)**

#### **Joint Program with College of Education, Information and Technology**

The degree of Master of Science in Middle Childhood Education (Grades 5-9): Earth Science is offered by the College of Education, Information and Technology in conjunction with the Department of Earth and Environmental Science. The student must take a minimum of 20 credits of Earth Science, maintain a cumulative G.P.A. of 3.00 in Education and also in Earth

Science. Required courses may be waived upon providing the graduate advisor with documentation indicating successful completion of these or equivalent courses.

In addition, any student who receives grades below B (B-, C+, C, C- or F) in two graduate courses is considered to have an academic deficiency. A student with two grades below a B (B-, C+, C, C-, F) in Earth Science will be required to take an additional course or take a course over again, with permission of the department. The student must receive a B or better in that course. An exception to the requirement to take an additional course may be made, at the department's discretion, for a student who has two B- grades. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

Upon completion of required Earth Science courses, and before graduation from the program, each candidate must pass the Earth Science Comprehensive Examination consisting of questions pertaining to his or her course of study in the earth sciences. Students should take the Earth Science Comprehensive Examination no earlier than their final semester of coursework. Students who fail the Comprehensive Examination may, under special circumstances, take the examination again. Students who fail the examination a second time will not be awarded the master's degree. The Earth Science Comprehensive Examination is administered by the Department of Earth and Environmental Science as a requirement for the master's degrees Earth Science Education. It is in addition to other examinations administered by the School of Education and the New York State Department of Education (such as the Content Specialty Test required for teacher certification).

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

### **M.S. in Adolescence Education: Earth Science (Grades 7-12)**

#### **Joint Program with College of Education, Information and Technology**

The degree of Master of Science in Adolescence Education (Grades 7-12): Earth Science is offered by the College of Education, Information and Technology in conjunction with the Department of Earth and Environmental Science. The student must take a minimum of 20 credits of Earth Science, maintain a cumulative G.P.A. of 3.00 in Education and also in Earth Science. Required courses may be waived upon providing the graduate advisor with documentation indicating successful completion of these or equivalent courses.

In addition, any student who receives grades

below B in two graduate courses is considered to have an academic deficiency. A student with two grades below a B (B-, C+, C, C-, F) in Earth Science will be required to take an additional course or take a course over again, with permission of the department. The student must receive a B or better in that course. An exception to the requirement to take an additional course may be made, at the department's discretion, for a student who has two B- grades. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

Upon completion of required Earth Science courses, and before graduation from the program, each candidate must pass the Earth Science Comprehensive Examination consisting of questions pertaining to his or her course of study in the earth sciences. Students should take the Earth Science Comprehensive Examination no earlier than their final semester of coursework. Students who fail the Comprehensive Examination may, under special circumstances, take the examination again. Students who fail the examination a second time will not be awarded the master's degree. The Earth Science Comprehensive Examination is administered by the Department of Earth and Environmental Science as a requirement for the master's degrees Earth Science Education. It is in addition to other examinations administered by the School of Education and the New York State Department of Education (such as the Content Specialty Test required for teacher certification).

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

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## Earth Science Courses

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**ERS 501 Mapping Environmental Data with GIS**

This is a hands-on, introductory geographic information system (GIS) course on managing spatial data using a computer. The course is based on the National Center for Geographic Information and Analysis introductory curriculum using ArcView software. The course addresses GIS principles, creating and querying spatial views and themes, importing and exporting data, map projections, geocoding, attribute tabular data, charts, layouts and applications. The course is lecture and laboratory and is designed for the practitioner and as an introduction to practical GIS applications.

ERS 501 is cross-listed as GGR 501.

*Credits: 3*

*Cross-Listings: ERS 501, GGR 501*

*Every Fall*

**ERS 502 GIS Applications**

This course explores technical issues in Geographic Information Systems (GIS) and the application of GIS in addressing environmental problems. GIS applications for environmental science and management decision support may include forest resource inventory, water resources and modeling, coastal evolution and sediment-budget analysis, and urban planning and zoning.

ERS 502 is cross-listed as GGR 502.

*Prerequisite of ERS 501 or the equivalent or the instructors permission is required.*

*Credits: 3*

*Cross-Listings: ERS 502, GGR 502*

*On Occasion*

**ERS 513 The Earth Environment I**

This course is a study of the interrelationships that exist among various aspects of the natural environment. Topics covered include the Earth as a planet and Earth-Sun relationships as a basis for understanding the differential pattern of energy-receipt on the Earth; elements of meteorology; the geographical pattern of world climates; relationship of climate to the basic biogeographical resources-vegetation and soils; the impact of man upon weather, climate, soils, and vegetation, and the resultant problems of conservation. Students not in the Earth Science Adolescence Education program may opt to take the course for 3 credits without the laboratory.

Same as GGR 513.

Three hours lecture when offered for three credits; three hours lecture, one and one-half hours laboratory with supplementary assignments when offered for four credits.

*Prerequisite of Graduate status or permission of the department is required.*

*Credits: 3 to 4*

*Every Spring*

**ERS 514 The Earth Environment II**

Topics covered in this course include: constitution and formation of the rocks of the earth; large-scale geological structures and global tectonics; the evolution of surface landscapes in response to internal crustal agents and agents operating externally to the Earth's crust - weathering and erosion; and topographic maps and air photographs in the study of earth land-forms. Students not in the Earth Science adolescence education program may opt to take the course for 3 credits without the laboratory.

Same as GGR 514.

Three hours lecture when offered for three credits; three hours lecture, one and one-half hours laboratory with supplementary assignments when offered for four credits.

*Prerequisite of Graduate status or permission of the department is required.*

*Credits: 3 to 4*

*Every Fall*

**ERS 515 Principles of Meteorology**

This course considers atmospheric energy and the composition of the atmosphere; insulation and the heat-budget of the earth; and the geographical transference of heat-energy. The course considers moisture in the atmosphere and evaporation, condensation, and precipitation; adiabatic changes; atmospheric stability and instability. Also, included are motion of the atmosphere; controls on horizontal air-movements; global wind-belts and the general atmospheric circulation; air masses and fronts. Weather forecasting: traditional and modern methods, and the impact of man upon the weather are included.

Same as GGR 515.

*Prerequisite of ERS 513 or the equivalent or permission of the department is required.*

*Credits: 3*

*On Occasion*

**ERS 522 Natural Disasters**

This course examines how Earth processes when concentrated in space and time can become extreme events posing serious hazards to humans and their infrastructures. Emphasis is given to the fact that earthquakes, volcanoes, hurricanes, landslides, floods, and tsunamis are not disasters until a vulnerable group of people is exposed. Case histories describing emergency mitigation, preparation and recovery strategies will also be examined.

GGR 522 cross-listed as ERS 522.

*Credits: 3*

*Cross-Listings: ERS 522, GGR 522*

*On Occasion*

**ERS 529 Global Climate Change**

This course will explore the issue of global climate change from the deep past through to the present and near future. Topics will include an introduction to the Earth's climate system, study or records of climate variations in the ancient past,

more recent past, and ongoing natural variations, examination of the evidence as to whether humans may be inducing global warming today, projections for the amount of future temperature rise, and consequences of higher temperatures such as rising sea level and more intense tropical storms.

ERS 529 is cross-listed as GLY 529.

*Pre requisite of ERS 513 and ERS 514 are required*

*Credits: 3*

*Cross-Listings: ERS 529, GLY 529*

*On Occasion*

**ERS 535 Field Studies in Earth Science**

This course is designed for students who wish to participate in field-based, experiential learning opportunities in earth science in approved domestic or international locations. Enrollment in this course will be subject to the review and approval of the department of a specific course syllabus that is consistent with the area being studied.

*Credits: 1 to 3*

*On Occasion*

**ERS 700 Research Problems in Earth Science**

This detailed study of a chosen research topic or problem is presented under the guidance of an Earth and Environmental Science faculty member.

*Credits: 1 to 2*

*On Occasion*

**ERS 701 Special Topics in Earth Science**

This course covers current topics on advances, developments and issues in earth science not covered in existing courses. Student must receive permission from instructor and department chair to enroll. May be taken more than once.

*Prerequisites of ERS 513 and ERS 514, or permission of the department are required.*

*Credits: 3*

*On Occasion*

**ERS 707 Thesis Research**

Students will work with an advisor to prepare a thesis proposal and conduct the necessary research. Approval of faculty advisor and department chair is required.

*Credits: 3*

*Every Fall, Spring and Summer*

**ERS 708 Thesis**

Student will write and defend a thesis based on the research developed in ERS 707 as approved by the faculty advisor and two readers.

*Prerequisite of ERS 707 is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

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## Geography Courses

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**GGR 501 Mapping Environmental Data with GIS**

This is a hands-on, introductory geographic information system (GIS) course on managing spatial data using a computer. The course is based on the National Center for Geographic

Information and Analysis introductory curriculum using ArcView software. The course addresses GIS principles, creating and querying spatial views and themes, importing and exporting data, map projections, geocoding, attribute tabular data, charts, layouts and applications. The course is lecture and laboratory and is designed for the practitioner and as an introduction to practical GIS applications.

ERS 501 is cross-listed as GGR 501.

*Credits: 3*

*Cross-Listings: ERS 501, GGR 501*

*Every Fall*

### **GGR 502 GIS Applications**

This course explores technical issues in Geographic Information Systems (GIS) and the application of GIS in addressing environmental problems. GIS applications for environmental science and management decision support may include forest resource inventory, water resources and modeling, coastal evolution and sediment-budget analysis, and urban planning and zoning.

ERS 502 is cross-listed as GGR 502.

*Prerequisite of ERS 501 or the equivalent or the instructors permission is required.*

*Credits: 3*

*Cross-Listings: ERS 502, GGR 502*

*On Occasion*

### **GGR 511 Economic Geography**

This course is a study of the human economic utilization of the physical world; the factors affecting economic development; the development and distribution of world patterns of economic activity, including problems of the "underdeveloped" world.

*Credits: 3*

*On Occasion*

### **GGR 512 Political Geography**

This course examines the territorial organization of the earth into political credits; factors behind the existence and evolution of states; interrelationships between states; a consideration of political "problem areas."

*Credits: 3*

*On Occasion*

### **GGR 513 The Earth Environment I**

This course is a study of the interrelationships that exist among various aspects of the natural environment. Topics covered include the Earth as a planet and Earth-Sun relationships as a basis for understanding the differential pattern of energy-receipt on the Earth; elements of meteorology; the geographical pattern of world climates; relationship of climate to the basic biogeographical resources-vegetation and soils; the impact of man upon weather, climate, soils, and vegetation, and the resultant problems of conservation. Students not in the Earth Science Adolescence Education program may opt to take the course for 3 credits without the laboratory.

Same as ERS 513.

Three hours lecture when offered for three credits; three hours lecture, one and one-half hours laboratory with supplementary assignments when offered for four credits.

*Prerequisite of Graduate status or permission of the department is required.*

*Credits: 3 to 4*

*Every Spring*

### **GGR 514 The Earth Environment II**

Topics covered in this course include: constitution and formation of the rocks of the earth; large-scale geological structures and global tectonics; the evolution of surface landscapes in response to internal crustal agents and agents operating externally to the Earth's crust - weathering and erosion; and topographic maps and air photographs in the study of earth land-forms. Students not in the Earth Science adolescence education program may opt to take the course for 3 credits without the laboratory.

Same as ERS 514.

Three hours lecture when offered for three credits; three hours lecture, one and one-half hours laboratory with supplementary assignments when offered for four credits.

*Credits: 3 to 4*

*Every Fall*

### **GGR 515 Principles of Meteorology**

This course considers atmospheric energy and the composition of the atmosphere; insulation and the heat-budget of the earth; and the geographical transference of heat-energy. The course considers moisture in the atmosphere and evaporation, condensation, and precipitation; adiabatic changes; atmospheric stability and instability. Also, included are motion of the atmosphere; controls on horizontal air-movements; global wind-belts and the general atmospheric circulation; air masses and fronts. Weather forecasting: traditional and modern methods, and the impact of man upon the weather are included.

Same as ERS 515.

*Prerequisite of ERS 513 or the equivalent or permission of the department is required.*

*Credits: 3*

*On Occasion*

### **GGR 516 Urban Geography: Urban Land-Use Analysis**

This course covers the distribution of cities and their functions; social, political and economic activities and their effects on the internal structure of cities; problems of urban growth and decay; brief history of attempts to modify the urban environment and the application of theory to urban planning; new towns and urban renewal.

*Credits: 3*

*On Occasion*

### **GGR 517 Geographical Concepts and Regional Planning**

This course is a study of the importance of regional analysis in planning and development; types of

region-economic, social, political and physical; problems caused by overlapping of regions and possible ways of resolution. The course examines the aims of regional planning; relationship of the growth of the region to other regions and the nation; development of regional planning concepts, with examples of different strategies of regional planning.

*Credits: 3*

*On Occasion*

### **GGR 518 Topics in Applied Conservation**

The application of geographic principles to the problems of environmental conservation is discussed. The course will include detailed studies of selected aspects of resource conservation. Students must demonstrate an ability to explain the various ways in which geographers and other environmental scientists organize knowledge and communicate the results of their research in their disciplines.

*Credits: 3*

*On Occasion*

### **GGR 522 Natural Disasters**

This course examines how Earth processes when concentrated in space and time can become extreme events posing serious hazards to humans and their infrastructures. Emphasis is given to the fact that earthquakes, volcanoes, hurricanes, landslides, floods, and tsunamis are not disasters until a vulnerable group of people is exposed. Case histories describing emergency mitigation, preparation and recovery strategies will also be examined.

GGR 522 cross-listed as ERS 522.

*Credits: 3*

*Cross-Listings: ERS 522, GGR 522*

*On Occasion*

### **GGR 535 Field Studies in Geography**

This course is designed for students who wish to participate in field-based, experiential learning opportunities in Geography in approved domestic or international locations. Enrollment in this course will be subject to the review and approval of the department of a specific course syllabus that is consistent with the area being studied.

*Credits: 1 to 3*

*On Occasion*

### **GGR 543 Geography of the United States: A Spatial Analysis of the Human and Physical Environments**

Analysis of the human and physical geography of the United States. The course will use a spatial perspective to study interactions among economic, social, political and physical environments.

*Credits: 3*

*On Occasion*

### **GGR 701 Special Topics in Geography**

This course covers current topics on advances, developments and issues in geography not covered in existing courses. Student must receive

permission from instructor and department chair to enroll. May be taken more than once.

*Prerequisites of ERS 513 and ERS 514, or permission of the department are required.*

*Credits: 3*

*On Occasion*

## Geographic Information Systems Courses

### GIS 501 Introduction to GIS

This course will cover the basic concepts of geography and cartography, but tailored to the most recent technological advances in the field of GIS. Topics will include geospatial data formats, the geodatabase and its management, georeferencing and map projections, data collection and spatial sampling techniques, measures of uncertainty, geographic data modeling and scripting, spatial data analysis, cartographic techniques, and geovisualization.

*Credits: 3*

*Annually*

### GIS 502 Introduction to Computer Programming

In this course, students learn the essentials of application development using an object-oriented programming language. The course addresses three main areas: coding with functions, objects, and data structures; learning application programming interfaces for GIS libraries; and accessing geographic databases using SQL and other query systems. Students complete frequent programming assignments that emphasize rudiments but mimic real GIS applications.

*Credits: 3*

*Annually*

### GIS 503 Mobile Geographic Application Development for iOS

In this course, students transfer basic knowledge of geospatial data from GIS 501 and programming skills from GIS 502 into the Objective-C language, and develop a complete mobile application for the iPhone, iPad, or iPod Touch series of mobile devices. The students will use the skills learned in this course to create a mobile application that utilizes GPS information on the devices.

*Prerequisites of GIS 501 & 502 are required.*

*Credits: 3*

*Annually*

### GIS 504 Mobile Geographic Application Development for Android

This course features the same underlying objectives and structure as GIS 503, but it explores a different platform and programming language. The Android operating system - based on Linux and the Java Virtual Machine - is used by many current smartphones, tablets, and other mobile devices.

*Prerequisites of GIS 501 & 502 are required.*

*Credits: 3*

*Annually*

### GIS 505 Geographic Web Application Development

This course will address the fact that many mobile applications are backed by a server-side component via ubiquitous networking. In addition, students will learn how many web sites (such as Google Maps) are GIS applications in their own right. This course explores the structure and development of web applications using server-side and browser technologies.

*Prerequisites of GIS 501 & 502 are required.*

*Credits: 3*

*Annually*

## Geology Courses

### GLY 502 History of the Earth

A journey through 4.6 billion years of Earth's history guided by geologic theories, principles, and methodologies. Emphasis is on the remarkable events that have profoundly altered the Earth's continents, oceans, atmosphere and life as it has evolved through deep time to the present.

*Prerequisite of ERS 514 or Earth Science Milestone is required.*

*Credits: 3*

*On Occasion*

### GLY 510 Oceans, Coasts and Sustainability

This course studies the geological, chemical, physical and biological aspects of the oceans. Topics include: crustal and sedimentary composition and processes, morphologic features and their origins, tides, waves, currents, coastal dynamics, ecosystems and the physical and chemical properties of water. Students must demonstrate an understanding of the development and organization of the discipline as well as an ability to communicate this understanding through the discursive conventions of the sciences.

*Credits: 3*

*On Occasion*

### GLY 511 Continental Drift and Plate Tectonics

This course investigates the development of the modern theory of the Earth from the theory of continental drift in the 1920s, through the observations that led to the plate tectonic revolution in the 1960s, to recent discoveries of the Earth's internal dynamics. Topics will also include past supercontinents, modern tectonically formed regions and the influence of tectonics on past and present climate. Through reference to classic papers, students will explore how earth scientists have approached outstanding problems in the large-scale dynamics of the Earth. Students must demonstrate an understanding of the development of the scientific knowledge as presented in the literature.

*Prerequisite of ERS 514 is required.*

*Credits: 3*

*On Occasion*

### GLY 513 Marine Geology

This course may be taken with or without the laboratory. Topics covered include the origin and nature of the crust and sediments of the ocean floor, and a survey of their exploration and exploitation.

Three hours lecture when offered for three credits; three hours lecture, three hours laboratory when offered for four credits.

*Credits: 3 to 4*

*On Occasion*

### GLY 514 Marine Sedimentary Environment

In this course, processes and sedimentation in various siliciclastic, carbonate and evaporite coastal environments and deep water settings including deltas, estuaries, beaches, tidal areas, shelves, platforms, slope and rise, oceanic ridges, trenches and abyssal plains. The course examines the characteristics of biogenic, authigenic and terrigenous sediments in these environments.

Topics are introduced as aims for learning.

Students respond to the aims of each topic in a seminar discussion guided by a student leader and a workbook.

*Credits: 3*

*On Occasion*

### GLY 516 Physical Oceanography

This course is a study of tides, waves, surface and deep currents and water movements in shallow areas of the ocean. Topics covered include the hydrodynamic equations used in calculating and describing the thermohaline circulation of the ocean and the transport of conservative and nonconservative water properties in the sea (heat, salinity, chemicals and elements).

*Credits: 3*

*On Occasion*

### GLY 517 Geomorphic Processes

This course is an analysis of the processes of erosion and deposition with special emphasis on their effects on short-term changes in landforms. Topics include slope processes and slope stability, and the geologic work of streams, waves and wind.

*Prerequisite of ERS 514 is required.*

*Credits: 3*

*On Occasion*

### GLY 518 Groundwater Geology

The course considers the factors controlling the occurrence and movement of groundwater, the hydrologic cycle, groundwater regimes, theories and models of groundwater flow and storage, porosity and permeability, the geologic work of groundwater, exploration for groundwater, problems of groundwater quality and contamination, and groundwater management techniques.

*Prerequisite of (GLY 1 or ERS 2) is required.*

*Credits: 3*

*On Occasion*



**GLY 519 Coral Reef Geology**

A coral reef field course, emphasizing coral reef facies, physical and chemical controls on carbonate sedimentation and diagenesis, coral reef ecology and paleoecology, Jamaica's stratigraphy and Caribbean tectonics. Two weeks of lectures, laboratory work and field trips to modern and ancient coral reefs: sediment and water quality surveys, snorkeling on coral reefs, examination of cave and shoreline environments, fault line orientation measurement, fossil, mineral and rock collection and identification. Accommodations, lectures and laboratory work at a marine laboratory on the north shore of Jamaica. SCUBA diving is optional for certified divers. This course has a special travel fee.

*Credits: 3*

*On Occasion*

**GLY 520 Sedimentary Geology**

The study of the classification, origin and interpretation of sediments and sedimentary rocks. The course is concerned with the physical, chemical and biological properties of sedimentary rocks, the process responsible for these properties and how these characteristics provide the basis for interpreting paleoclimatology, paleogeography and paleoecology. Students must demonstrate an understanding of how geologists discover and organize knowledge, as well as an ability to communicate this understanding through the discursive conventions of the discipline.

*Prerequisite of ERS 514 or ENV 601 or Earth Science Milestone is required.*

*Credits: 3*

*On Occasion*

**GLY 521 Stratigraphy**

This course studies sedimentary rock strata and their age relationships, succession of beds, local and worldwide correlation of strata, and stratigraphic order and chronological arrangement of beds in the geologic column. Students will learn how to apply the principles of magnetostratigraphy, seismic stratigraphy, sequence stratigraphy and chemostratigraphy (isotope stratigraphy) to stratigraphic problems. Students must demonstrate an

understanding of how knowledge is sought and tested in geology, as well as an ability to communicate this understanding through the discursive conventions of the discipline.

*Prerequisite of ERS 514 or Earth Science Milestone is required.*

*Credits: 3*

*On Occasion*

**GLY 523 Environmental Geochemistry**

This course is the study of the chemistry of the earth with emphasis on the surficial geologic environment. Topics include the chemistry of crustal rocks; chemical weathering and its products; the chemistry of natural waters and of soils; isotope geochemistry as a tracer of environmental processes;

natural bedrock-related hazards such as radon; global chemical cycles, especially the role of geologic feedbacks in the carbon cycle, and the moderating effects on global change.

*Prerequisites of CHM 3 and (GLY 1 or ERS 2) are required.*

*Credits: 3*

*On Occasion*

**GLY 524 Methods of Mineral Identification**

This laboratory and field course deals with identification of minerals by their physical and chemical properties. Topics include optical methods such as special instruments and techniques, and evaluation and selection of mineral tests. The course is supplemented by field trips to select mineral collecting localities and is designed to assist teachers of earth science in the quick determination of minerals.

*Prerequisite of GLY 21 is required.*

*Credits: 3*

*On Occasion*

**GLY 526 Earth Materials**

A course studying the materials of the Earth's crust and surface, including the important rock-forming minerals; igneous rocks, igneous processes and igneous bodies; weathering, sediments and sedimentary rocks; metamorphic processes and metamorphic rocks. Minerals and rocks will be identified in hand specimen and under the microscope.

*Prerequisite of ERS 514 is required.*

*Credits: 3*

*On Occasion*

**GLY 529 Global Climate Change**

This course will explore the issue of global climate change from the deep past through to the present and near future. Topics will include an introduction to the Earth's climate system, study or records of climate variations in the ancient past, more recent past, and ongoing natural variations, examination of the evidence as to whether humans may be inducing global warming today, projections for the amount of future temperature rise, and consequences of higher temperatures such as rising sea level and more intense tropical storms.

*ERS 529 is cross-listed as GLY 529.*

*Pre requisite of ERS 513 and ERS 514 are required*

*Credits: 3*

*Cross-Listings: ERS 529, GLY 529*

*On Occasion*

**GLY 533 Methods of Field Geology for Earth Science Teachers**

The course is designed to provide field experience including geological mapping, field study of primary and secondary structures, and methods of collecting fossils.

*Prerequisites of (GLY 1 or ERS 2) and GLY 2 and instructor permission.*

*Credits: 3*

*On Occasion*

**GLY 535 Field Studies in Geology**

This course is designed for students who wish to participate in field-based, experiential learning opportunities in geology in approved domestic or international locations. Enrollment in this course will be subject to the review and approval of the department of a specific course syllabus that is consistent with the area being studied.

*Credits: 1 to 3*

*On Occasion*

**GLY 549 The Age of Mammals**

This course covers the history of mammals from the end of the Cretaceous period to the present as interpreted in the fossil record. Evolution, migration and extinction of various groups and faunas of mammals are related to changing environments and changes in the distribution of land and sea as inferred from the geologic record. The course is especially useful for teachers of science. Some knowledge of paleontology or zoology is helpful.

*Prerequisites of (GLY 1 or ERS 2) & 2 are required.*

*Credits: 3*

*On Occasion*

**GLY 701 Special Topics in Geology**

This course covers current topics on advances, developments and issues in geology not covered in existing courses. Student must receive permission from instructor and department chair to enroll. May be taken more than once.

*Prerequisites of ERS 513 and ERS 514, or permission of the department are required.*

*Credits: 3*

*On Occasion*

## DEPARTMENT OF ENGLISH

**Phone: 516-299-2391**

**Fax: 516-299-2997**

Chair: J. Lutz

Senior Professors: Dircks, Miller

Professors: Bednarz, Digby (Director, Honors and Merit Fellowship Program), Hallissy, Hill-Miller (Dean), McNabb, Nalbantian, Pahl (Graduate Director), Scheckter

Associate Professors: Fahy (Director, American Studies Program), D. Lutz, McDonald, Ryden, Semeiks

Assistant Professor: Ahern, Szekely

Adjunct Faculty: 32

Through the systematic study of English, students discover the values underlying the great literature of the past and learn to distinguish and appreciate the contemporary literature most likely to endure. Students studying English learn to evaluate sensibilities both past and present, acquiring a profound knowledge of their own humanity and of the human condition in general. The study of English helps develop fluency of expression, skill in logical analysis, and facility in planning, organizing, and revising. Literature courses, no less than composition courses, give attention to writing to help students perfect their ability to communicate with others.

The graduate English programs are designed to enhance literary appreciation and insight and to foster mastery of the English language – goals which promote personal enrichment and which prepare the student not only for a career in teaching, but also for a wide range of positions in business and industry.

The Department of English offers a Master of Arts in English. In conjunction with the College of Education, Information and Technology, the Department also offers a Master of Science in Middle Childhood Education (Grades 5-9) and a Master of Science Adolescence Education (Grades 7-12) with a concentration in English. The Middle Childhood and Adolescence Education programs are for students who seek initial or professional New York State teacher certification to teach in middle or secondary schools.

### M.A. in English

The 33-credit Master of Arts in English curriculum combines in-depth study of the wealth of the British and American literary traditions with an examination of how the language developed over time and how it is used in everyday discourse. As a student in this program you will take one of four disciplinary methodology courses designed to strengthen your critical reading and writing skills: "Rhetoric," "Research and Criticism," "Comparative Literature" and "The Critical Tradition."

You will also choose nine electives from a rich array of options that include: "Style and Syntax"

(for writers and others who need a theoretical and technical knowledge of the field); "Cultural Linguistics" (an exploration of human communication in its cultural context, including the origins of language); "Middle English Literature" (lyric, romance, tale, fable and drama in the period 1100-1500); and "20th Century American Literature"(an intensive study of writers such as Fitzgerald, Hemingway, Faulkner, Pynchon and Morrison). In addition, all M.A. in English students must complete a thesis.

Through its wide-ranging subject matter and focus on reading and writing proficiency, the study of English prepares students for the broadest variety of careers. Studies show that an ability to learn new skills and procedures is an outstanding characteristic of those who have majored in English. Many graduates of master's programs in English go on to become elementary or secondary school teachers or pursue doctorates and become college professors, but a graduate degree in English can also be excellent preparation for a career in business, law, journalism, public relations and many other fields.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Arts in English must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable) Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended. Applicants must have achieved at least a 3.0 cumulative grade point average or equivalent in a bachelor's program, a major grade point average of 3.5 and 24 credits in English. Students who lack any of these prerequisites may enter as non-matriculants or as limitedatriculants.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Academic writing sample
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, NY 11548-1300

#### ACADEMIC POLICIES

A limited matriculant may apply in writing to the graduate academic counselor for a change of status to full matriculation upon removal of all deficiencies and upon completion of 12 credits of graduate English courses with a cumulative

average of at least 3.00. Non-matriculants who decide to matriculate must reapply to the Graduate Admissions Office and then be reviewed by the department's graduate academic counselor. All applicants should meet with the graduate academic counselor to design a program of study. Limitedatriculants are cautioned that courses that they complete before full matriculation is approved may not constitute an acceptable program.

A student must maintain a cumulative G.P.A. of at least 3.00 in English courses. In addition, any student who receives grades below B (including grades of B-) in two graduate English courses is considered to have an academic deficiency. A student who receives a third such grade may lose matriculated status or may be dismissed from the graduate program.

### M.A. in English Requirements

#### Required Disciplinary Methodology

##### Course

One of the following:

ENG	505	Rhetoric	3.00
ENG	510	Research and Criticism	3.00
ENG	563	Comparative Literature	3.00
ENG	670	The Critical Tradition	3.00

#### Elective English Courses

Nine courses/twenty-seven credits from all ENG courses excluding ENG 708

#### Required Thesis Course

ENG	708	Thesis	3.00
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### M.A. in English Additional Requirements

Minimum Total Credits = 33

Minimum G.P.A. = 3.00

### M.S. in Middle Childhood Education: English (Grades 5-9)

#### Joint Program with College of Education, Information and Technology

The degree of Master of Science in Middle Childhood Education (Grades 5-9): English is offered by the College of Education, Information and Technology in conjunction with the Department of English. The student must take a minimum of 18 credits of English, maintain a cumulative G.P.A. of 3.00 in Education and also in English. In addition, any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

In addition to the above requirements, there is a comprehensive written essay examination covering the course work in English. Students who fail the comprehensive exam in English may retake it, after a three-month period. A second failure is final and subsequently no degree will be awarded.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

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### **M.S. in Adolescence Education: English (Grades 7-12)**

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#### **Joint Program with College of Education, Information and Technology**

The degree of Master of Science in Adolescence Education (Grades 7-12): English is offered by the College of Education, Information and Technology in conjunction with the Department of English. The student must take a minimum of 18 credits of English, maintain a cumulative G.P.A. of 3.00 in Education and also in English. In addition, any student who receives grades below B (including B-) in two graduate courses (in English or Education) is considered to have an academic deficiency. A student who earns a third grade below B (including B-) may lose his or her matriculated status or may be dismissed from the graduate program.

In addition to the above requirements, there is a comprehensive written essay examination covering the course work in English. Students who fail the comprehensive exam in English may retake it, after a three-month period. A second failure is final and subsequently no degree will be awarded.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

## English Courses

### ENG 500 Contemporary Literature

This course presents a critical examination of several facets of contemporary world literature in verse and prose. The authors will vary from semester to semester, but will include one or two writers of experimental fiction, at least one figure of international stature, and several contemporary poets.

*Credits: 3*

*On Occasion*

### ENG 505 Rhetoric

In this survey of the history and nature of rhetoric through reading and discussion of classical and more modern works of theory, consideration is given to applications of rhetorical theory and the production and evaluation of writing with some attention to style in the students' own work.

*Credits: 3*

*On Occasion*

### ENG 510 Research and Criticism

Faculty-directed literary research and writing culminates in a 15- to 20-page paper using MLA format. The subject matter is in the area of the instructor's expertise, and special attention is given to the study and practice of various modern critical approaches - psychoanalytic, feminist, new historical, demonstrative and cultural studies.

*Credits: 3*

*Annually*

### ENG 511 Syntax and Stylistics

An advanced course in English grammar and syntax for writers and others who need a theoretical and technical knowledge of the field. The course will introduce students to various modern theories of grammar through intensive analysis of the language of English sentences. Some attention will be given to style and discourse analysis of longer texts.

ENG 511 is cross-listed as LIN 511.

*Credits: 3*

*Cross-Listings: ENG 511, LIN 511*

*On Occasion*

### ENG 512 Descriptive Linguistics

This course is an overview of descriptive linguistics through the study of such components of language as phonemics, morphology, grammar and semantics.

ENG 512 is cross-listed as LIN 512.

*Credits: 3*

*Cross-Listings: ENG 512, LIN 512*

*On Occasion*

### ENG 513 History of the English Language

The course presents a historical and linguistic study of the development of our language from the Anglo-Saxon period to the present.

*Credits: 3*

*On Occasion*

### ENG 514 Historical Linguistics

This course is a historical survey of language study giving special attention to the classical origins, the extensive development in the nineteenth century, and the current understanding of the classification of languages into families. Topics include how languages change by analogy, how the sounds of language change over time, and how borrowing occurs.

ENG 514 is cross-listed as LIN 514.

*Credits: 3*

*Cross-Listings: ENG 514, LIN 514*

*On Occasion*

### ENG 515 Sociolinguistics

In this course, topics covered include basic sociolinguistic concepts, social stratification of language and dialect interaction, stable and unstable bilingualism, language planning, sociolinguistic field methods.

ENG 515 cross-listed as LIN 515.

*Credits: 3*

*Cross-Listings: ENG 515, LIN 515*

*On Occasion*

### ENG 516 Psycholinguistics

The course explores linguistic aspects of biology and physiology, speech and language rehabilitation, optimum age for language study, psychology of learning and motivation in the foreign language, the human ability to recognize and reproduce speech sounds, and the pathology of language.

ENG 516 is cross-listed as LIN 516.

*Credits: 3*

*Cross-Listings: ENG 516, LIN 516*

*On Occasion*

### ENG 517 Applied Linguistics

This introduction to applied linguistics will examine several ways that scholars and educators use linguistics and related sciences to identify and address such issues and problems in language and culture as language and literacy, cross-cultural communication, language education and academic development, foreign language education, language proficiency assessment, bilingual and vernacular language education, language policy and planning and linguistic public policy.

ENG 517 cross-listed as LIN 517.

*Credits: 3*

*Cross-Listings: ENG 517, LIN 517*

*On Occasion*

### ENG 518 Cultural Linguistics

This course is an exploration of human communication in its cultural context including the origins of language, the creation of new language, sign and symbols, nonverbal communication, and contemporary issues in language and culture.

ENG 518 cross-listed as LIN 518.

*Credits: 3*

*Cross-Listings: ENG 518, LIN 518*

*On Occasion*

### ENG 531 Theories of Academic Literacy

The purpose of this seminar is to enable students to become informed of writing theories and tutoring practices. Students will study the needs of students from a range of cultures, language backgrounds and life experiences who want to succeed at writing for a variety of audiences and purposes. By the end of the semester, students will be able to theorize from experiences about the intersections of language, culture, disciplines and academic literacies.

Pass/No Pass only.

*Credits: 0*

*Every Semester*

### ENG 533 Contemporary American Drama

This course is a study of plays and other dramatic presentations from the mid-20th century to the present. It is designed to introduce students to the temper and forms of recent American drama and to familiarize them with significant changes that developed in the genre. Readings include works by playwrights Hansberry, Albee, Shepard, Baraka, August Wilson, Marsha Norman, Wasserstein, Mamet, Lanford Wilson, Kushner and others. Non-traditional dramatic forms like the musical, the monologue and the performance piece are considered.

*Credits: 3*

*On Occasion*

### ENG 541 World Drama

In this course, drama from primitive man to the present, touching upon Eastern as well as Western plays, is covered. Emphasis is placed on the theater as a unity of play, performance and audience.

*Credits: 3*

*On Occasion*

### ENG 558 The Irish Literary Renaissance

Yeats, Lady Gregory, Synge, Joyce and O'Casey are studied against the social and political backgrounds of their time.

*Credits: 3*

*On Occasion*

### ENG 563 Comparative Literature

This course is a study of the different critical methods of the comparative literature discipline and the application of comparative approaches to the confluence of literary themes and techniques in Western literature.

*Credits: 3*

*On Occasion*

### ENG 572 The English Novel

The rise of the novel in the 18th century is traced in such authors as Defoe, Richardson, Fielding and Sterne. Issues of gender, class, economy, ideology and narrative strategy are explored in the development of the novel as the great middle-class art form in the 19th century in such authors as Austen, Dickens, Eliot and the Brontës. The questioning of traditional values emerges as a theme in the works of such later authors as Hardy, Conrad, Woolf, Joyce and Lawrence. Some

consideration will also be given to fiction as a criticism of life, tension between nature and civilization, technical developments in point of view, and the representation of consciousness.

*Credits: 3*

*On Occasion*

#### **ENG 581 Writing Workshop**

The course involves extensive scholarly and creative writing and practice in evaluating student writing.

*Credits: 3*

*On Occasion*

#### **ENG 582 Advanced Writing and Word Processing**

This recommended elective for academic assistants and thesis candidates is not applicable as part of the minimum graduate course requirements in English. It is an advanced writing course using modern information processing technology to improve written composition, to facilitate the production of documented texts, and to examine the values and methods for using such skills in the teaching of writing.

*Credits: 3*

*On Occasion*

#### **ENG 622 American Renaissance**

This course is a study of the major American writers of the mid-19th century and includes the works of Emerson, Thoreau, Poe, Hawthorne and Melville.

*Credits: 3*

*On Occasion*

#### **ENG 623 Late 19th-Century American Literature**

This course is a study of writers such as Dickinson, Whitman, Twain, James and Crane.

*Credits: 3*

*On Occasion*

#### **ENG 624 20th-Century American Literature**

Students participate in an intensive study of writers such as Fitzgerald, Hemingway, Faulkner, Pynchon and Morrison.

*Credits: 3*

*On Occasion*

#### **ENG 631 Modern Poetry**

In this course, British and American poetry from Yeats to contemporary writers is presented.

*Credits: 3*

*On Occasion*

#### **ENG 632 The Modern Novel**

In relation to the society of their times, the novelists Dostoevsky, Kafka, Mann, Joyce and Faulkner are discussed.

*Credits: 3*

*On Occasion*

#### **ENG 634 Modern Drama**

This course explores major developments in technique, style and subject matter. Ibsen, Strindberg, Chekhov, Shaw, O'Neill, Brecht, Williams, Albee and Beckett are among the authors studied.

*Credits: 3*

*On Occasion*

#### **ENG 643 Shakespeare**

In this course, Shakespeare's comedies, tragedies, histories and non-dramatic poetry are studied.

*Credits: 3*

*On Occasion*

#### **ENG 645 Literature of the English Renaissance**

This course covers studies in literature from the dawn of the Golden Age to the death of Elizabeth including such figures as Shelton, Wyatt, Surrey, More and Sidney.

*Credits: 3*

*On Occasion*

#### **ENG 650 Chaucer**

In this course, Chaucer's poems, with reference to the social, linguistic and literary background of medieval England, are presented.

*Credits: 3*

*On Occasion*

#### **ENG 651 Middle-English Literature**

In this course, lyric, romance, tale, fable and drama by Malory, Langland, Mandeville, The Pearl Poet, the Wakefield Master and others of the period 1100-1500 are covered.

*Credits: 3*

*On Occasion*

#### **ENG 653 Metaphysical Poetry**

This course presents 17th-century poets including Donne, Herbert, Vaughan, Crashaw and Marvell.

*Credits: 3*

*On Occasion*

#### **ENG 654 Milton**

In this course, Milton's poetry and prose, with reference to the religious and political background of the 17th century, is covered.

*Credits: 3*

*On Occasion*

#### **ENG 655 The Romantic Movement**

This course studies the poetry and prose of the major Romantic writers such as Blake, Wordsworth, Coleridge, Shelley, Byron and Keats.

*Credits: 3*

*On Occasion*

#### **ENG 656 Studies in Victorian Literature**

In this course, major poets and prose writers of the Victorian period such as Tennyson, Browning, Arnold, Dickens and the Rossetti's are studied.

*Credits: 3*

*On Occasion*

#### **ENG 657 Modern British Literature**

This course analyzes the rise of modernism in Britain in the early days of the 20th century with an emphasis on writers' attempts to "experiment" with myth, convention and literary form. Topics include the poetry of Yeats, the World War I poets, Eliot, Auden; the fiction of Conrad, Lawrence, Woolf,

Forster, Joyce; the drama of Shaw; their relation to shifting political and intellectual trends.

*Credits: 3*

*On Occasion*

#### **ENG 658 18th-Century Literature and Life**

A reading of major writers 1660-1800 (including Dryden, Swift, Pope and Johnson) and selected minor writers with a view of their world through music, theatre, cuisine, high life and low life.

*Credits: 3*

*On Occasion*

#### **ENG 659 Restoration and Eighteenth-Century Literature**

This study of heroic drama, tragedy, comedy of manners, sentimental comedy, mock drama and farce from 1660 to 1800 considers the plays of Dryden, Congreve, Etherege, Farquhar, Gay, Fielding, Goldsmith, Sheridan and others.

*Credits: 3*

*On Occasion*

#### **ENG 670 The Critical Tradition**

In this course, the great literary critics, from Aristotle to contemporary figures, are presented.

*Credits: 3*

*On Occasion*

#### **ENG 684 Seminar in a Major Author**

Students participate in an in-depth study of a major author selected by the instructor and announced in the preceding semester. The course involves reading, research, reports and discussions and may be taken more than once if content is different.

*Credits: 3*

*On Occasion*

#### **ENG 688 Special Literary Topics**

In a given term, the course consists of a close study of a genre, idea or literary circle designated by the faculty member offering the course. It may be taken more than once if content is different.

*Credits: 3*

*On Occasion*

#### **ENG 690 Independent Study**

This independent study research course is taken under the guidance of a professor of English, with the approval of the department chairperson. It may be taken more than once if content is different. May be taken only after completing 21 credits in English.

*Prerequisite of taking 21 units of Graduate English is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

#### **ENG 708 Thesis**

Open only to matriculated students, this course involves actual preparation of the thesis under supervision. The completed thesis is evaluated by a three-member committee and is the subject of an oral examination.

*Prerequisite of taking 21 units of Graduate English*

*is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

## DEPARTMENT OF FOREIGN LANGUAGES

Phone: 516-299-2385

Fax: 516-299-2997

Chair: Associate Professor Gunther Professor DeVivo

Associate Professors: Frouman-Smith, Rosario-Velez

Assistant Professors: Auletta, Codebò

Adjunct Faculty: 12

The mastery of a foreign language enables students to deepen their understanding of another culture while learning to appreciate diverse influences on American culture. The study of a foreign language develops communication skills, heightens cultural awareness, improves career opportunities and encourages precision in thought and expression.

The Department of Foreign Languages offers graduate degree programs in Spanish and Spanish teacher education. Students can select from the Master of Arts in Spanish or the Master of Science in Middle Childhood Education (Grades 5-9) or the Master of Science Adolescence Education (Grades 7-12) with a concentration in Spanish in conjunction with the College of Education, Information and Technology. The Middle Childhood and Adolescence Education programs are for students who seek initial or professional New York State teacher certification to teach in middle or secondary schools.

### M.A. in Spanish

Spanish is the world's second-largest language, spoken by nearly 500 million people, more than 40 million in the United States alone. Its importance in culture and commerce is immense, as are the political, artistic and commercial impacts of Spanish-speaking countries and communities. The Master of Arts degree program in Spanish is a comprehensive study of the linguistics, syntax and literature of Spain and the Caribbean.

Graduates of the 36-credit M.A. program will be fully prepared for further study of Spanish at the doctoral level. A master's degree in Spanish also has extraordinary professional value, enhancing career opportunities for people in a wide variety of fields, including education, government and business.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Arts in Spanish must meet the following requirements for admission:

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree in Spanish from an accredited college or the equivalent academic

training. Admission to the program also requires at least a 3.0 cumulative grade point average in undergraduate Spanish courses. The undergraduate major must include a minimum of 24 semester hours above intermediate Spanish (i.e., above the fourth semester of college language). A deficiency of up to six semester hours will not preclude admission as a limited matriculant, provided the prospective candidate compensates for his or her deficiency by taking, with departmental advisement, six semester hours of non-credit undergraduate advanced courses. Completion of 12 credits with an average of 3.0 will permit a limited matriculant to be considered for full matriculant status. An applicant with a degree from an institution outside the United States will be evaluated based on his or her background and grades.

- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, NY 11548-1300

#### ACADEMIC POLICIES

The student must maintain a minimum cumulative average of 3.00 in Spanish in order to remain in good standing in the master's program. Any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

A reading knowledge of a second foreign language is required of all candidates. This requirement may be satisfied by successful completion of two years of college study in the second language, or its equivalent. Passing a qualifying examination in the second language administered by the Foreign Language Department in the second language may also satisfy this requirement. If a long period of time has elapsed since the student studied the second language, he or she will have to pass the qualifying examination.

M.A. candidates in Spanish may transfer no more than three credits with prior approval of the graduate director.

Students must take courses when offered by the

Foreign Languages Department in order to assure a timely graduation (SPA 513, SPA 541).

Successful completion of a comprehensive examination in Spanish is also required. Graduate students may take the comprehensive examination no more than twice. A second failure is final and subsequently no degree will be awarded. The comprehensive exam may not be taken until the student is enrolled in his/her last six (6) credits.

### M.A. in Spanish Requirements

#### Required Spanish Courses

##### All of the following:

SPA	513	Advanced Syntax and Stylistics	3.00
SPA	541	Introduction to Spanish Linguistics	3.00

#### Elective Spanish Courses

Ten courses/thirty credits from all SPA courses. Up to two courses/six credits from all LIN courses may be used to satisfy this requirement.

#### Required Comprehensive Exam

Students must pass a comprehensive exam administered by the Foreign Languages Department.

### M.A. in Spanish Additional

#### Requirements

Minimum Total Credits = 36

Minimum G.P.A. = 3.00

### M.S. in Middle Childhood Education: Spanish (Grades 5-9)

#### Joint Program with College of Education, Information and Technology

The degree of Master of Science in Middle Childhood Education (Grades 5-9): Spanish is offered by the College of Education, Information and Technology in conjunction with the Department of Foreign Languages. The student must take a minimum of 18 credits of Spanish, maintain a cumulative G.P.A. of 3.00 in Education and also in Spanish. In addition, any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

Successful completion of a comprehensive examination in Spanish is also required. Graduate students may take the comprehensive examination no more than twice. A second failure is final and subsequently no degree will be awarded. The comprehensive exam may not be taken until the student is enrolled in his/her last six (6) credits.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

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**M.S. in Adolescence Education:  
Spanish (Grades 7-12)**

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**Joint Program with College of Education,  
Information and Technology**

The degree of Master of Science in Adolescence Education (Grades 7-12): Spanish is offered by the College of Education, Information and Technology in conjunction with the Department of Foreign Languages. The student must take a minimum of 18 credits of Spanish, maintain a cumulative G.P.A. of 3.00 in Education and also in Spanish. In addition, any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

Successful completion of a comprehensive examination in Spanish is also required. Graduate students may take the comprehensive examination no more than twice. A second failure is final and subsequently no degree will be awarded. The comprehensive exam may not be taken until the student is enrolled in his/her last six (6) credits.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.



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## Linguistics Courses

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**LIN 511 Syntax and Stylistics**

An advanced course in English grammar and syntax for writers and others who need a theoretical and technical knowledge of the field. The course will introduce students to various modern theories of grammar through intensive analysis of the language of English sentences. Some attention will be given to style and discourse analysis of longer texts.

ENG 511 is cross-listed as LIN 511.

*Credits: 3*

*Cross-Listings: ENG 511, LIN 511*

*On Occasion*

**LIN 512 Descriptive Linguistics**

This course is an overview of descriptive linguistics through the study of such components of language as phonemics, morphology, grammar and semantics.

ENG 512 is cross-listed as LIN 512.

*Credits: 3*

*Cross-Listings: ENG 512, LIN 512*

*On Occasion*

**LIN 514 Historical Linguistics**

This course is a historical survey of language study giving special attention to the classical origins, the extensive development in the nineteenth century, and the current understanding of the classification of languages into families. Topics include how languages change by analogy, how the sounds of language change over time, and how borrowing occurs.

ENG 514 is cross-listed as LIN 514.

*Credits: 3*

*Cross-Listings: ENG 514, LIN 514*

*On Occasion*

**LIN 515 Sociolinguistics**

In this course, topics covered include basic sociolinguistic concepts, social stratification of language and dialect interaction, stable and unstable bilingualism, language planning, sociolinguistic field methods.

ENG 515 cross-listed as LIN 515.

*Credits: 3*

*Cross-Listings: ENG 515, LIN 515*

*On Occasion*

**LIN 516 Psycholinguistics**

The course explores linguistic aspects of biology and physiology, speech and language rehabilitation, optimum age for language study, psychology of learning and motivation in the foreign language, the human ability to recognize and reproduce speech sounds, and the pathology of language.

ENG 516 is cross-listed as LIN 516.

*Credits: 3*

*Cross-Listings: ENG 516, LIN 516*

*On Occasion*

**LIN 517 Applied Linguistics**

This introduction to applied linguistics will examine several ways that scholars and educators use linguistics and related sciences to identify and address such issues and problems in language and culture as language and literacy, cross-cultural communication, language education and academic development, foreign language education, language proficiency assessment, bilingual and vernacular language education, language policy and planning and linguistic public policy.

ENG 517 cross-listed as LIN 517.

*Credits: 3*

*Cross-Listings: ENG 517, LIN 517*

*On Occasion*

**LIN 518 Cultural Linguistics**

This course is an exploration of human communication in its cultural context including the origins of language, the creation of new language, sign and symbols, nonverbal communication, and contemporary issues in language and culture.

ENG 518 cross-listed as LIN 518.

*Credits: 3*

*Cross-Listings: ENG 518, LIN 518*

*On Occasion*

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## Spanish Courses

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**SPA 512 Intermediate Syntax and Stylistics**

This course is a study of syntactical structures and analysis of literary styles. The course includes a review of problematic grammatical structures. This is the first part of a two-semester sequence (SPA 512-513).

*Credits: 3*

*On Occasion*

**SPA 513 Advanced Syntax and Stylistics**

This course is a study of syntactical structures and analysis of literary styles and the examination of stylistic devices characteristic of several Spanish literary masterpieces. (Credit for this course may be applied toward the M.S. in Spanish: Adolescence Education (7-12) and toward the M.A. in Spanish only with permission of advisor to the Spanish graduate program).

*Credits: 3*

*On Occasion*

**SPA 514 Current Spoken Spanish: Phonetics and Practical Applications I**

The course covers recent developments in spoken Spanish and includes discussion of articles from newspapers and magazines. This is the first part of a two-semester sequence (SPA 514-515).

*Credits: 3*

*On Occasion*

**SPA 515 Current Spoken Spanish: Phonetics and Practical Applications II**

In this course, the most recent developments in spoken Spanish, presented through phonetic analysis, are examined. The course is

recommended for candidates for certification. The permission of the advisor to the Spanish Graduate Program is required.

*Credits: 3*

*On Occasion*

**SPA 516 Literary Translation (Spanish-English)**

This course is the study of the theory and the practice of the art of translation. Problems in literary translation will be addressed.

*Credits: 3*

*On Occasion*

**SPA 523 Spanish Literature of the 20th Century I**

This course is a concentrated study of the literary developments of the 20th century and is devoted to the authors of the Generation of 1898.

*Credits: 3*

*On Occasion*

**SPA 524 Spanish Literature of the 20th Century II**

This course is a survey of writers from the Generation of 1914 to 1927.

*Credits: 3*

*On Occasion*

**SPA 525 Spanish Literature of the 20th Century III**

This course is a survey of literary movements in Spain since the end of the Spanish Civil War.

*Credits: 3*

*On Occasion*

**SPA 536 Medieval Spanish Literature**

This course is a comprehensive study of Spanish poetry, theater and prose from their origins through the 14th century. Major stress is placed on the epic of Cantar de Mio Cid and the literary criticism concerning it.

*Credits: 3*

*On Occasion*

**SPA 538 The Spanish Theatre of the Golden Age**

This course is a study of the Spanish theatre of the Golden Age from Lope De Vega to Calderon and includes consideration of Cervantes, Alarcon and Tirso de Molina.

*Credits: 3*

*On Occasion*

**SPA 541 Introduction to Spanish Linguistics**

This course is an introduction to the linguistic structure of contemporary Spanish phonology, morphology and syntax. Some coverage of historical developments and dialectology is included.

*Credits: 3*

*On Occasion*

**SPA 547 Latin-American Women Poets**

This course introduces students to the feminist discourse of women poets in Latin American from 1900 to 1940. Students will interpret and apply gender theory in order to analyze critically the development of a new feminist voice in poetry.

Topics include social construction of gender, patriarchy, traditional versus new woman, motherhood, and sexuality. Students will also learn how to decode poetry and language devices, and how to integrate both approaches in writing. The course studies poets such as Delmira Agustini, Gabriela Mistral, Alfonsina Storni, Juana de Ibarbourou, Clara Lair and Julia de Burgos.

*Credits: 3*  
*On Occasion*

**SPA 548 Latino Writers and the New/Old Homeland**

This course studies Latino writers who address and question the evolution of Latino identity in the United States. Topics include: biculturalism, immigration, bilingualism, Latinos as foreigners, assimilation, old and new country roots, social mobility, generational differences, national pride, the American dream, nostalgia and homeland. Representative authors are: Richard Rodríguez, Julia Alvarez, Sandra Cisneros, Esmeralda Santiago, Junot Díaz, Nilo Cruz, Cristina García, Rodolfo Anaya.

*Credits: 3*  
*On Occasion*

**SPA 551 Spanish Romanticism**

This course is a study of the evolution of the Spanish Romantic Movement in theatre, poetry and prose.

*Credits: 3*  
*On Occasion*

**SPA 552 The Spanish Novel of the 19th Century**

This course is a study of the Spanish novel of the 19th century from romanticism to realism and naturalism and includes Larra, Alarcon, Espronceda, Gil y Carrasco, Pereda and Valera, and continues with Galdos, Clarin, Palacio Valdes, Pardo Bazan and Blasco Ibanez.

*Credits: 3*  
*On Occasion*

**SPA 560 Colonial Spanish-American Literature**

This course is a study of the poetry and prose of Spanish America through the 16th, 17th, and 18th centuries and covers cronistas plus the early poets Sor Juana Ines de la Cruz, El Inca Garcilaso, Rodriguez Freile, etc.

*Credits: 3*  
*On Occasion*

**SPA 561 The Novel in Spanish America I**

This course covers the evolution of the novel in Spanish America through the periods of romanticism, realism and naturalism.

*Credits: 3*  
*On Occasion*

**SPA 562 The Novel in Spanish America II**

This course covers the novel in Spanish America from modernism to the present.

*Credits: 3*  
*On Occasion*

**SPA 563 The Short Story in Spanish America**

This course is a study of the evolution of the short story in Spanish America from the colonial period to the present.

*Credits: 3*  
*On Occasion*

**SPA 567 Civilization and Culture of Spain**

This course covers the civilization and the culture of Spain from the days of the Iberos to the present and includes the culture of the Romans, the Visigoths, the Arabs, Medieval Spain, the Spanish Empire, etc., up to and including the Civil War and its social and cultural consequences.

*Credits: 3*  
*On Occasion*

**SPA 568 Civilization and Culture of Spanish America**

This course is a study of the civilization and culture of Spanish America from pre-Columbian times to the present. Among the topics discussed are the Indian cultures, the colonial society, the baroque, the 17th century and the independence movement leading to the creation of the present day republics.

*Credits: 3*  
*On Occasion*

**SPA 569 The Caribbean: Its Hispanic People and its Culture**

The course is intended to prepare teachers and supervisors in communities with large groups of Caribbean Hispanics to gain insight into the social and cultural backgrounds. The course studies Caribbean Hispanics through their history and sociology by focusing on problems arising from living in another culture.

*Credits: 3*  
*On Occasion*

**SPA 572 The Spanish-American Boom**

This course is a study of the major works and writers of the Boom period including Carlos Fuentes, Julio Cortazar and Garcia Marquez.

*Credits: 3*  
*On Occasion*

**SPA 574 The New Novel in Latin America**

This course is a study of the major works and writers of the 1970s and 1980s. This course studies writers such as Manuel Puig, Mario Vargas Llosa, Isabel Allende and Rosario Ferre.

*Credits: 3*  
*On Occasion*

**SPA 605 Cervantes and His Epoch**

This course is a comprehensive study of the complete works of Cervantes with particular attention to Don Quixote.

*Credits: 3*  
*On Occasion*

**SPA 621 Federico Garcia Lorca**

This course is an intensive study of Lorca's drama and poetry.

*Credits: 3*  
*On Occasion*

**SPA 624 The Modernist Movement**

This course examines the modernist movement in Spanish America with an emphasis on the poetry of Ruben Dario. The course covers the impact of this movement on the literature of Spain.

*Credits: 3*  
*On Occasion*

**SPA 626 Spanish-American Poetry of the 20th Century**

This course is a study of the major figures and trends in Spanish American poetry since Modernism. The course includes poets such as Gabriela Mistral, Cesar Vallejo, Pablo Neruda, Octavio Paz and Rosario Castellanos.

*Credits: 3*  
*On Occasion*

**SPA 664 Seminar in Spanish Literature: Special Topics**

This course is a study of a major author, genre or literary movement as determined by the instructor. The course may be taken more than once if the topic is different.

*Credits: 3*  
*On Occasion*

**SPA 665 Seminar in Spanish-American Literature: Special Topics with Disciplinary Literacy in Spanish**

This course is a study of major author, genre or literary movement as determined by the instructor. The course may be taken more than once if the topic is different. The course introduces students to the special ways of looking at texts characteristic of the target language and gives the skills to communicate to others fundamental concepts of reading, writing, listening and speaking in Spanish. Applications will pertain to original works, inherently multicultural.

*Credits: 3*  
*Annually*

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**World Literature Courses**

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**WLT 565 Dante and Divine Comedy**

This course is an in-depth study of the sources, structure and form of The Divine Comedy with some reference to Dante's impact on Western literature, Dantean bibliography and a comparison of some noteworthy English and American translations.

*Credits: 3*  
*On Occasion*

**WLT 566 Medieval Literature**

This course covers the main currents and genres, the outstanding figures and the enduring masterpieces of medieval literature with particular emphasis on its continental evolution.

*Credits: 3*  
*On Occasion*

**WLT 567 Masterpieces of Classical Literature**

This course examines the enduring masterpieces of Greek and Roman literatures up to the time of Seneca.

*Credits: 3*  
*On Occasion*

## DEPARTMENT OF HISTORY

Phone: 516-299-2407

Chair: Associate Professor Attie

Associate Professor: Gronim (Graduate Director)

Assistant Professors: Diehl, Haitt, Mo, Tambor

Adjunct Faculty: 8

The study of history is a fascinating journey into the enormous variety of human experiences. In a world becoming ever more complex, we help students understand their place in contemporary society by exploring how the individuals, ideas and social conflicts in the past created historical change. A faculty of accomplished historians introduces students to the histories of America, Europe, Latin America and the Ancient world. We also offer thematic courses on historical subjects that transcend geographic and chronological boundaries, including: the history of science and medicine, ethnicity and migrations, cultural history, religious history, urban history, and the history of women, the family and sexuality. In all of our courses we emphasize the importance of asking questions, analyzing evidence and evaluating conflicting interpretations. As a history student, you will develop skills in reading, research writing, and communication that will equip you to succeed in all professional careers and to engage the world in meaningful ways.

The Department of History graduate degrees include the Master of Arts in History and the Master of Science in Middle Childhood Education (Grades 5-9) and a Master of Science in Adolescence Education (Grades 7-12) with a concentration in Social Studies in conjunction with the College of Education, Information and Technology. The Middle Childhood and Adolescence Education programs are for students who seek initial or professional New York State teacher certification to teach in middle or secondary schools. Non-matriculated students who wish to enroll in graduate history courses on an ad-hoc basis must give evidence of satisfactory completion of appropriate preparatory coursework in history on the undergraduate level, and secure the permission of the graduate advisor.

### M.A. in History

The 30-credit Master of Arts in History is designed for those who plan to pursue a new career as a social study teacher; practicing social studies teachers who need to fulfill their master's requirement, professionals considering new careers options, as well as those who wish to deepen their knowledge of history. It also provides a springboard for those who plan to enter doctoral programs in history. The master's degree program places emphasis on learning to think with rigor, to assess evidence, interpret historical events and write with clarity and precision. Graduate courses are structured as seminars that meet once a week in which students discuss readings in depth and

develop literacy in recent scholarship. Graduate history courses cover a range of historical subjects including: "Ancient and Medieval Economic," "The Atlantic World," "America During the Civil War and Reconstruction," "Historical Myth and Popular Memory," and "Latin America." All M.A. students are required to take HIS 601 (Historiography) which examines different theories of historical thought and models of historical methods. Students may choose to complete a thesis, comprehensive exam or practicum in public history or policy.

Graduates of the Master of Arts in History program are ideal candidates for positions as researchers, educators, journalists, museum curators, and public service professionals. A number of our graduates go on to doctoral programs to become professional historians.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Arts in History must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate work. A student whose undergraduate major was not history must have at least a 3.0 cumulative grade point average and a cumulative 3.0 average in any undergraduate history courses he or she may have taken. Students who lack sufficient undergraduate preparation should expect to make up deficiencies by taking up to 24 credits of undergraduate coursework in history, the credits for which will not be applied toward the Master of Arts degree requirements.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, NY 11548-1300

#### ACADEMIC POLICIES

Any student who receives a grade less than B in a History course will be placed on probation. Probationary students may take no more than one course in History. A student who receives three grades below B will be dropped from the program.

A student whose G.P.A. in History courses is below a 3.0 will be ineligible to take the Comprehensive Exams and will be dropped from the program.

Students may choose to complete a comprehensive examination in History as part of their degree requirements. Graduate students may take the comprehensive examination no more than three times. A third failure is final and subsequently no degree will be awarded.

### M.A. in History Requirements

#### Required Historiography Course

HIS 601	Historiography	3.00
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#### Elective History Courses

Seven courses/twenty-one credits from all HIS courses excluding HIS 708.

Students must choose a capstone option (Comprehensive Exam, Public History Internship or Thesis).

#### Comprehensive Exam Option

##### Requirements

#### Additional Elective History Courses

Two additional courses/six credits from all HIS courses excluding HIS 708

#### Required Comprehensive Exam

Students must pass a comprehensive exam administered by the History Department.

#### Public History Internship Option

##### Requirements

#### Additional Elective History Course

One additional course/three credits from all HIS courses excluding HIS 708

#### Required Public History Internship

##### Course

HIS 705	Practicum in Public History or Public Policy	3.00
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#### Thesis Option Requirements

#### Required Thesis Courses

All of the following:

HIS 707	Thesis Seminar	3.00
HIS 708	Thesis	3.00

### M.A. in History Additional

#### Requirements

Minimum Total Credits = 30 (all options)

Minimum G.P.A. = 3.00

### M.S. in Middle Childhood Education: Social Studies (Grades 5-9)

#### Joint Program with College of Education, Information and Technology

The degree of Master of Science in Middle Childhood Education (Grades 5-9): Social Studies is offered by the College of Education, Information and Technology in conjunction with the Departments of History and Political Science.

The student must take a minimum of 18 credits of History, maintain a cumulative G.P.A. of 3.00 in Education and also in History. Based on previous course work and with approval of the graduate advisor, students may substitute History courses with courses from Political Science. In addition, any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

Successful completion of a comprehensive examination in Social Studies is also required. Graduate students may take the comprehensive examination no more than three times. A third failure is final and subsequently no degree will be awarded.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

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### **M.S. in Adolescence Education: Social Studies (Grades 7-12)**

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#### **Joint Program with College of Education, Information and Technology**

The degree of Master of Science in Adolescence Education (Grades 7-12): Social Studies is offered by the College of Education, Information and Technology in conjunction with the Departments of History and Political Science. The student must take a minimum of 18 credits of History, maintain a cumulative G.P.A. of 3.00 in Education and also in History. Based on previous course work and with approval of the graduate advisor, students may substitute History courses with courses from Political Science. In addition, any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

Successful completion of a comprehensive examination in Social Studies is also required. Graduate students may take the comprehensive examination no more than three times. A third failure is final and subsequently no degree will be awarded.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

## History Courses

### **HIS 501 Ancient Historians**

In the study of the ancient world, no sources are more essential than the historical narratives written by ancient authors. Using these sources, however, is complicated. Ancient narratives are not mere recordings of events, but representations of human society, crafted by their authors to fulfill various agendas. Discussions do not focus on actual events. Rather, students read a wide range of narratives and consider how the authors presented their subjects and themselves, how they claimed the authority to write history, and how their narratives were shaped by their social, cultural, and religious context.

*Credits: 3*

*On Occasion*

### **HIS 502 Roman Politics**

Between the 5th century B.C. and the 5th century A.D., the Roman state was transformed from a minor city-state to a Mediterranean-wide empire, from a republic to a monarchy, and from a polytheist to a Christian organization. During that time it produced institutions and ideologies which continue to influence the modern world. This research seminar will cover such topics as the Roman republic as a governing system, the political impact of Roman conquest, the Augustan Revolution, the early Imperial regime, the Christianization of Roman government, the development of Roman law, and the fragmentation of the Roman empire.

*Credits: 3*

*On Occasion*

### **HIS 503 Ancient and Medieval Economic Life**

This seminar looks at the sources and scholarship on a series of issues critical to understanding the way people in the classical and medieval Mediterranean made their living and acquired wealth and social status. The course examines the nature of the Roman-era economy, specifically the debate between those who focus on the differences between ancient and modern economic values, and those who focus on the development of ancient trade. Topics include: ancient agricultural methods, slavery, economic gender roles, the effects of Roman imperial institutions, and the impact of new religious communities (e.g. the Christian church). Course will explore economic aspects of Islamic conquest, the development of feudal relationships, and the effects of urbanization and long-distance trade.

*Credits: 3*

*On Occasion*

### **HIS 504 The Rise of Christianity**

Of all the changes brought on by Roman rule, no development had a greater social and cultural impact than the spread of new religious communities, especially Christianity. This course will look at the big question: How and why did

Christian churches, and other large-scale religious communities, form and spread? After surveying the work of modern scholars, including confessional (i.e. religiously identified) approaches, psychological and anthropological methodologies, explanations based on political or cultural changes, and quantitative techniques, including comparative studies of the spread of Judaism and that of Islam.

*Credits: 3*

*On Occasion*

### **HIS 505 Saints and Heretics in Late Antiquity**

During the Roman and post-Roman period, Mediterranean societies underwent a strange cultural trend. Across virtually all religious communities, people developed a new interest in holiness ~ manifestations of divine power. This course examines this development by focusing on the literary sources which reveal it most: religious biographies. As an exercise in cultural studies, this course sets aside issues surrounding the factuality of religious literature. Rather the class uses religious texts to examine perceptions of holiness and unholy and to explore the massive impact of such perceptions of Mediterranean society.

Specifically, the course covers Greek and Roman worship of heroes and kings, later polytheistic visions of holy people, biblical images of prophets, Jewish views of holy teachers, Christian views of Jesus and the apostles, Christian veneration of martyrs and ascetics, and notions of unholy people in Christian and non-Christian religious traditions. All along, students examine the role of class, gender, political structures, religious rivalries, and authorial agendas in shaping the way holiness is presented.

*Credits: 3*

*On Occasion*

### **HIS 506 Medieval Europe**

Course will introduce students to the history and culture of Medieval Europe, both West and East between 410 and 1500. Topics will include: Charlemagne's empire, agrarian and commercial revolutions, the Crusades, and the rise of European monarchies.

*Credits: 3*

*On Occasion*

### **HIS 509 The Ottoman Empire**

A study of the formation of Ottoman Empire from its rise in the 13th and 14th centuries to its collapse in the wake of World War I. Course traces the history of the empire and its evolution as an increasingly complex society, the impact of European imperialism, the sources of Ottoman weaknesses and the legacies of its dissolution.

*Credits: 3*

*On Occasion*

### **HIS 510 Sex, Gender and Family in the Ancient Mediterranean**

In modern societies few topics attract more cultural interest than sexuality and family life. The same was true in the ancient Mediterranean. Writers and

ordinary citizens argued over the meaning of love and sexual desire, the value of marriage and homosexual relations, the characteristics and duties of men and women, the relationship between parents and children, the role of distant relatives and domestic servants, and even the very definition of family. This course examines notions of sexuality, gender roles and family life in Ancient Greek poleis, the Roman Empire, and religious communities of late antiquity (rabbinic Judaism and Christianity).

*Credits: 3*

*On Occasion*

### **HIS 512 The Reformation**

This course is designed to introduce graduate students to current historiographical debates on Reformation Europe, with an emphasis on recent developments in social and cultural history and the diverse approaches used by early modern historians. It will begin by focusing on Germany, the cradle of the Protestant movement, but the course will be pan-European in scope. It will examine the religious movements begun by Luther, Zwingli, Calvin, Henry VIII and others. The principal focus is on Protestantism, but there will be comparison with Catholic reform as well.

*Credits: 3*

*On Occasion*

### **HIS 520 Renaissance Europe**

An exploration of intellectual and cultural changes that define Renaissance Europe, an era of enormous intellectual awakening and achievement. This course will cover explorations of "New World," the centralization of nation-states, and the lives of ordinary people.

*Credits: 3*

*On Occasion*

### **HIS 523 Seventeenth-Century Europe**

This course examines the political, economic, social and cultural structures of Europe during the "long 17th century" of 1589-1715. Topics include religious developments, the Scientific Revolution, the creation of absolute monarchy in France, and the solidification of a constitutional monarchy in England.

*Credits: 3*

*On Occasion*

### **HIS 525 The Enlightenment**

Topics covered in the course include the social, political, cultural, and economic structures of eighteenth-century Europe; the philosophers Montesquieu, Voltaire, Diderot, Rousseau, Condorcet, and Kant, as well as "grub street" authors of political libels and pornography; and the nature of the relationship between the Enlightenment and the French Revolution.

*Credits: 3*

*On Occasion*

**HIS 526 The French Revolution**

This course examines the many political, economic, social and cultural causes of the French Revolution as well as the reasons for the Revolution's increasing radicalization, the de-Christianization campaign and the Reign of Terror. The class will analyze the impact of the Revolution on France's colonial possessions and the slave trade and consider why the Revolution ended with the rise of an emperor.

*Credits: 3*

*On Occasion*

**HIS 527 Early Modern France**

This course examines the political, cultural and social history of France from 1515 to 1789, from the French Renaissance to the outbreak of the History French Revolution. The emphasis of this course will be on recent historiographical debate over methods and approaches to studying the past. Each week's discussion will involve analysis of the methods of the historian as well as a discussion of the events the authors describe.

*Credits: 3*

*On Occasion*

**HIS 528 Religion and Society in Early Modern Europe**

This course examines religion in European society from the Protestant Reformation to the de-Christianization campaigns of the French Revolution. Along with studying the dominant Catholic and Protestant Churches, and their interactions with Judaism, the class also looks at alternative religious movements such as the Radical Reformation, Jansenism, Methodism and groups that challenged prevailing religious opinion.

*Credits: 3*

*On Occasion*

**HIS 530 Edible Conflicts: Food in History**

This seminar seeks to explore conflicts emerging from the production and consumption of food from prehistoric to modern times. The course will begin and end with an examination of food in a global perspective; in the middle weeks, we will focus on the European context as a locus of modernizing technologies and patterns of consumption. Students will consider the development of settled agriculture in the history of food; ideologies of social status and taste; as they have influenced European food consumption; the impact of knowledge about health and hygiene on European dietary habits; changing modes of production of major food commodities; the place of drink in diet and social life of the nineteenth century; and changes in transport and technology in the development of consumer culture and food commodities.

*Credits: 3*

*On Occasion*

**HIS 535 Women in America**

This course offers graduate students in a broad survey of the history of women who have lived in

what is now the United States from 1600 to the present. We will discuss women of diverse backgrounds, and will consider questions of women's relative autonomy and power; shifts in discourses of gender, race and class; the value and variety of women's labor; women's engagement with the politics and social reform; sexuality and reproductions; and philosophical and spiritual commitments.

*Credits: 3*

*On Occasion*

**HIS 537 Race, Class and Ethnicity in American History**

This seminar explores the intersections of race, class and ethnicity in nineteenth- and twentieth-century America. It will look at the development of race as an ideology in defense of slavery, antebellum scientific racism, and in the development of racism through the eras of emancipation, Reconstruction, segregation and immigration. It will explore changes in "American" national identity and citizenship from the late 19th century to the present, examining scholarly debates over the concept of "whiteness" and how immigrant groups were accorded varied "racial" attributes as they attempted to assimilate into American society. The course will examine the varieties of racist and racialist ideas as they applied to African Americans, European immigrants, Asian-Americans, and Latino-Americans, and how these were mediated through class and the dynamics of gender politics.

*Credits: 3*

*On Occasion*

**HIS 538 Modern European Communities**

This course will survey major texts in Modern European history and historiography by exploring the theme of communities. Through detailed examinations of the ways in which political, social, religious and economic communities were organized and operated in the nineteenth and twentieth centuries, the course encourages students to consider recent European history through the developments that cut across private and public spheres in the lives of Europeans. This course's approach is intended to complement and reflect the seminar on Medieval European Communities; students will be able to build a coherent study of major development over the "longue durée."

*Credits: 3*

*On Occasion*

**HIS 540 Nineteenth-Century Europe**

This course investigates the 19th century as the founding age of what we have come to think of as modern Europe. It examines the origins and development of major nineteenth-century concepts, ideologies, and institutions that are commonly regarded as the foundations of twentieth-century European society and politics, such as the nation state, the welfare system, capitalism, social democracy, communism and nationalism. It aims to make students aware of the ambiguities inherent in

the notion of progress commonly associated with the nineteenth century. If we consider that many nineteenth-century developments did not reveal their full implication until the calamitous twentieth century, can we really call the nineteenth the "age of progress"?

*Credits: 3*

*On Occasion*

**HIS 542 Twentieth-Century European Intellectual History**

The course examines major ideological developments and schools of thought, such as totalitarianism, existentialism, feminism, environmentalism, postmodernism and the Third Way, placing them in specific socio-political and cultural contexts. Discussions will focus on key texts by Friedrich Nietzsche, Sigmund Freud, Lenin, Jose Ortega y Gasset, Albert Camus, Hannah Arendt, Jean-Paul Sartre, Simone de Beauvoir, Karl Popper, Isaiah Berlin and Michel Foucault.

*Credits: 3*

*On Occasion*

**HIS 543 Imperialism and Colonialism**

Course explores the rise of European imperialism, varieties of colonial systems, cultural representation of empire, and ways that Europeans employed ideologies of race and gender to rule colonial subjects. Will examine imperialism and colonialism as systems of political domination and economic exploitation as well as forms of colonial resistance.

*Credits: 3*

*On Occasion*

**HIS 544 Europe, 1914-1945**

This course is a study of Europe's domestic affairs and international relations from the beginning of World War I to the end of World War II.

*Credits: 3*

*On Occasion*

**HIS 545 World War II and Postwar Europe**

The course examines the Second World War as a global conflict which profoundly altered the course of world history. The focus will be on the conflict's long-term consequences, such as the creation of Israel, the Cold War, the transition to post-colonial rule, the fate of displaced communities from Eastern Europe, and the foundation of international peacekeeping and defense organizations.

*Credits: 3*

*On Occasion*

**HIS 551 The Early Modern Atlantic World, 1450-1800**

In this world history course, students will study the interrelated histories of Europe, Africa, the Caribbean and North and South America from the age of exploration through the late eighteenth-century democratic revolutions. The methodology is comparative. Topics will include conquest and colonization, merchant capitalism and coercive labor systems, interactions with the natural world,

and political transformations.

*Credits: 3*

*On Occasion*

### **HIS 552 America in the Seventeenth and Eighteenth Centuries**

This course is an investigation of selected problems in the history of colonial America such as Puritanism, the beginnings of slavery, the origins of evolution of communities, witchcraft at Salem, the Great Awakening, and early American politics.

*Credits: 3*

*On Occasion*

### **HIS 553 Birth of the American Republic**

This course offers a survey of salient issues in the historical interpretation of the American Revolution and the establishment of the United States. Students will read historians' treatment of such topics as interactions between Britain and its North American colonies before 1776, the Revolution as both a military and an ideological conflict, the effect of the war on different social groups, the political and imaginative development of a separate nation, and the initial experiences of nationhood.

*Credits: 3*

*On Occasion*

### **HIS 554 History of American Thought**

This course explores American thought and culture by examining the ideas of key thinkers and history of intellectual movements.

*Credits: 3*

*On Occasion*

### **HIS 555 Jacksonian America, 1815-1850**

The election of Andrew Jackson in 1828 signaled the shift toward American democracy. With the election of the first president to come from humble origins and passage of universal white manhood suffrage laws, the period is also known as the "era of the common man." Course will cover Jackson's leadership in the Nullification Crisis, the expulsion of Cherokees, and the Bank War. This seminar will investigate the spread of industrial capitalism and commercialized agriculture, the rise of wage labor, the factory system, the expansion of slavery, the rise of scientific racism, feminism and new ideologies of gender.

*Credits: 3*

*On Occasion*

### **HIS 556 America in the Era of the Civil War and Reconstruction**

This seminar will cover America during the era of its most cataclysmic event - the Civil War - and its most radical experiment in equality and democracy - Reconstruction. The course will investigate the forces that led to war: the expansion of slavery; the South's relationship to the industrializing North; the emergence of ideologies of reform, abolitionism, and free labor; and the Southern defense of slavery. It will analyze the ultimate failure of compromises over slavery that defined American

politics from the ratification of the Constitution to the secession crisis. It will explore the changing military, political and social character of the Civil War, the process of emancipation, the nature of the Union that emerged from war and the triumphs and failures of Reconstruction.

*Credits: 3*

*On Occasion*

### **HIS 557 Capitalism and its Discontents: 1870-1919**

This course covers U.S. history from the Gilded Age through the Progressive Era. This course covers U.S. history from the Gilded Age through the Progressive Era. This period saw the rise of large-scale manufacturing, growing inequalities of wealth, large-scale immigration, and a host of radical and reform movements to address the inequities and corruption that were pervasive. Topics include the agrarian Populist movement, anarchism, socialism and the labor movement. This course will investigate Progressivism as a middle-class effort to stave off class war, and the varieties of Progressivism from "clean government" campaigns, antitrust legislation, settlement houses to prohibition. This course will explore the changing definitions of rights, liberty and citizenship in the era of Jim Crow, imperialism, eugenics and the growth of a new consumer identity.

*Credits: 3*

*On Occasion*

### **HIS 558 Modern America**

An examination of the emergence of modern America, from the late nineteenth century, during which the country developed from an industrializing, urbanizing society to its 20th century formation as a mass society. It will focus our attention on themes related to the tension between progress and resistance in America from 1880-1945, including technology and society; race relations; immigration; urbanization; and politics and society.

*Credits: 3*

*On Occasion*

### **HIS 559 America since 1945**

Even though by 1945 the United States had assumed many of the contours of what we think of as modern America, the decades since have been a time of dramatic change on numerous fronts in the domestic arena - for example, in the status of blacks in American society (from civil rights struggle to civil enfranchisement to African-Americans occupying top political positions); or in the roles of women (from life in a sharply circumscribed and often separate sphere of social and economic activity to nearly full social and economic enfranchisement and opportunity); or in mass communication (from radio to TV to the Internet). We will focus on one or two themes that will vary from semester to semester, such as: technology and society; family, gender and sexuality; politics and society; and race, ethnicity and immigration.

*Credits: 3*

*On Occasion*

### **HIS 560 African-American History**

African-American history from the origins of slavery to the present. Course will cover the nature of African-American slavery, the struggle to destroy slavery, construction of "race" and rise of racism, the black experiences in the Civil War and Reconstruction, the Jim Crow system, disfranchisement, lynchings and anti-lynching campaigns, the Great Migration, the Harlem Renaissance, the Civil Rights movement, black nationalism and the Black Power movement, black urban culture and politics. The course will pay special attention to the ways in which diasporic Africans have shaped American culture and the ways in which racism has shaped African-American lives and American society.

*Credits: 3*

*On Occasion*

### **HIS 562 Myth and Memory in America**

This course is an examination of the collective memories and historical myths that Americans have constructed about themselves and their past. This course examines how historical memories are expressed in (and created by) public monuments, historic sites, museum exhibits, textbooks, world's fairs and preservation projects. The course also reviews how public remembrances of wars became lightning rods for competing political ideologies, the differences between memory and history, and the relationship of political economic power to the shaping of memories.

*Credits: 3*

*On Occasion*

### **HIS 563 War, Militarism and American Society**

A history of militarism in America that explores war from political, economic, social and cultural perspectives. Will examine the intersection between society and military institutions, technology and military ideologies from the 18th century to the present. Will examine changing styles of warfare, definitions of a "just war," and defensive and offensive wars. Topics may include the concept of Manifest Destiny, conquest, settlement, Indian wars, foreign wars, world wars, the Cold War, the "Vietnam Syndrome," empire, recruitment, the draft and resistance movements.

*Credits: 3*

*On Occasion*

### **HIS 565 The American West**

Course will examine the West as a place of conquest and migrations, from the 16th century to the present, and as a concept as it has played out in American culture, politics and imagination. Will address issues including cultural contact and conflict, human interactions with nature, relationship of western states and the federal government, tourism and the shifting debates about frontiers and borders.



*Credits: 3*

*On Occasion*

### **HIS 567 New Deal America**

An exploration of the Great Depression, the growth of the labor movement, critiques of American capitalism, and the solutions attempted by F.D.R.'s government. Will analyze the impact of World War II on domestic policies and foreign priorities.

*Credits: 3*

*On Occasion*

### **HIS 569 The Cold War**

The seminar seeks to familiarize graduate students with some of the latest historical scholarship on the Cold War, to expose them to differing analytical and interpretive approaches to this period, and to provide a corpus of in-depth knowledge about the era, including key events, decision makers and their policies, the cultural milieu, and significant documents. We will be examining both the domestic and international dimensions of the era, reading works that deal with such diverse themes as nuclear weapons theorists and theories, McCarthyism, the complex nature of US-West European relations, the roles of non-Western states and actors vis-à-vis the superpower competition, and American culture as a factor during the Cold War.

*Credits: 3*

*On Occasion*

### **HIS 571 American Popular Culture**

This course will focus on analyses of primary documents and examine both the domestic and international aspects of what is arguably the most significant endeavor of modern/contemporary America: the production and dissemination of popular culture.

*Credits: 3*

*On Occasion*

### **HIS 575 U.S. Foreign Relations since 1900**

This seminar will expose students to a variety of themes, monographs and selected documents covering United States foreign relations since the turn of the 20th century. Over the course of the semester, students will have the opportunity to read widely across an historiography that encompasses traditional diplomatic history and analyses of cultural, gender, and race/civil rights dimensions of foreign relations (and thus helping to establish a broad definition of the term). We will also view and integrate into our discussion several relevant American film satires that are particularly illuminating about the time in which they were released.

*Credits: 3*

*On Occasion*

### **HIS 582 East Asian Civilizations**

An examinations of the civilizations of China, Korea, and Japan. Will cover forms of government authority, philosophical disputes, religious beliefs and practices. Will analyze debates about the paths to East Asian modernity.

*Credits: 3*

*On Occasion*

### **HIS 583 Modern Latin America**

Will cover major events of modern Latin American history including independence movements against colonial rule, revolutions, and the construction of modern nation-states. Will examine development of nationalism, social movements, populism, as well as the politics and cultures of indigenous peoples.

*Credits: 3*

*On Occasion*

### **HIS 585 Disease and History**

From the Black Death to AIDS, diseases have dramatically affected the course of people's lives. Simultaneously, diseases are also human constructions, for people's actions shape the emergence and spread of diseases. In this course we will study selected examples of diseases outbreaks in different times and places, with particular attention to distinctive social histories of disease and distinctive cultural interpretations of illness and healing.

*Credits: 3*

*On Occasion*

### **HIS 587 History of Modern Iran**

While surveying a comparatively brief moment within Iran's millennium-long metamorphosis, this course presents a rigorous analysis of the theme of revolution from the rise of Qajar dynasty at the end of the 18th century to the declaration of the Islamic Republic at the end of the 20th century. The class intends to provide students with both a concise overview of the land's modern history and introduce them to several key works in the field of Iranian studies.

*Credits: 3*

*On Occasion*

### **HIS 589 History of Borderlands**

We live in a world seemingly defined by very hard borders. Our neighborhoods, cities and nations are often portrayed as divided along strict categories of identity (ethnicity, class, culture, etc.). This perception (real or imaginary) is grounded in the creation of the modern nation-state. Yet whether one looks at politics and society in places as different as San Diego, Palermo, Singapore, or the Northwest Territories of Pakistan, communal and political borders were historically more gray than black and white. This course approaches the process by which national and communal borders were forcibly ossified. This course offers an introduction to the construction and consolidation of nations and their borders. We will view this process through a long lens and approach issues of nationalism, state-building and resistance in such diverse places as Macedonia, the North Caucasus, the Sudan, southern China, and Los Angeles. As a course based in global history, students will be treated to a wide variety of historical methodologies.

*Credits: 3*

*On Occasion*

### **HIS 592 History of American Woman**

This course is an examination of the experiences and identities of women over the course of American history. Course will analyze shifting ideologies about gender relations and the consequences for the economic, political and social life of the nation. It will cover concepts of womanhood, female citizenship, family, sexuality and the growth of feminist thought.

*Credits: 3*

*On Occasion*

### **HIS 599 Topics in History**

Courses on different historical topics that will be announced under relevant subtitles.

*Credits: 3*

*On Occasion*

### **HIS 601 Historiography**

An introduction to the variety of interpretive stances taken by historians in the past century and a half. Education in history at the master's level concentrates on how history is interpreted, rather than the facts of history themselves. All historians work with factual information, but historians vary widely in the questions they ask, in the kinds of evidence they attend to, and the ways in which they explain what happened. We will study a variety of approaches, including history influenced by Marx, the Annales school, structuralist and post-structuralist anthropologists, Habermas, Foucault, Hayden White, feminists, and Kuhn. Students will write a significant study of the historiography of some historical topic, demonstrating that they have developed a critical understanding of modes of historical interpretation.

*Credits: 3*

*Every Spring*

### **HIS 705 Practicum in Public History or Public Policy**

Designed as one option for successful completion of the degree, this course provides opportunities for M.A. students to develop a significant project intended either to present an aspect of history to the public or to research the historical background for a current issue of public policy. Students will work independently with a faculty member to design and carry out a project tailored to their specific career objectives.

*Credits: 3*

*Every Fall and Spring*

### **HIS 707 Thesis Seminar**

Required of matriculated master's students following Plan I. In the first semester, student will work with thesis advisor to define thesis subject, identify primary and secondary sources, produce an outline, an annotated bibliography, and conduct research.

*Credits: 3*

*Every Fall and Spring*

**HIS 708 Thesis**

Required of matriculated master's students following Plan I. In the second semester, student will complete research and write the thesis, presenting portions to advisor(s) in stages for critique and revision.

*Prerequisite of HIS 707 is required.*

*Credits: 3*

*Every Fall and Spring*

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## INTERDISCIPLINARY STUDIES

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Graduate students who have special interests and needs that cannot be met by LIU Post's current list of majors and minors may develop an individual interdisciplinary major, in consultation with their academic advisors. Interdisciplinary studies programs incorporate courses from all academic departments at LIU Post. These programs are designed to promote the ability to recognize connections between different areas and kinds of knowledge; to discover previously unsuspected relationships; and to negotiate confidently among differing approaches to understanding ourselves and our world.

LIU Post awards the following degrees in Interdisciplinary Studies: Master of Arts or Master of Science (36 credits).

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### M.A. or M.S. in Interdisciplinary Studies

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LIU Post offers both the Master of Arts and Master of Science in Interdisciplinary Studies. The Interdisciplinary Studies program (IDS) is designed for those students whose career or educational goals are not reflected in one of LIU Post's established graduate programs. An individual course of study, subject to the approval of the IDS Faculty Committee, will be developed by the student with the assistance of appropriate departmental graduate advisors and the IDS program coordinator. Students may incorporate courses from any of the five LIU Post colleges and schools. The student's plan of study must be approved before full matriculation is granted.

In addition to designing a unique interdisciplinary degree, students can also elect to follow several other interdisciplinary concentrations: American Studies, Social Studies, Liberal Arts, Museum Studies, Environmental Studies, Public History (Archival or Non-Profit Management) and Literacy Studies among others. While the course work for these concentrations will be individualized according to the goals of the student, the IDS program offers sample plans of study to help guide the selection of courses.

A total of 36 credits is required for either degree, of which 6 credits are in thesis work.

### M.A. in Interdisciplinary Studies

#### Major Requirements

With approval of the Interdisciplinary Studies Faculty Advisory Committee, students may follow an individualized plan focused on a combination of disciplines not presently offered. Students must also complete an Interdisciplinary Thesis (IDS 707 and 708). Interested students should see the Interdisciplinary Studies faculty advisor.

**Minimum Total Credits = 36**

**Minimum G.P.A = 3.00**

### M.S. in Interdisciplinary Studies

#### Requirements

With approval of the Interdisciplinary Studies Faculty Advisory Committee, students may follow an individualized plan focused on a combination of disciplines not presently offered. Students must also complete an Interdisciplinary Thesis (IDS 707 and 708). Interested students should see the Interdisciplinary Studies faculty advisor.

**Minimum Total Credits = 36**

**Minimum G.P.A. = 3.00**

## Interdisciplinary Courses

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### **IDS 707 Interdisciplinary Thesis Research**

This course is open only to matriculated students in the interdisciplinary studies program. The course covers the preparation of an interdisciplinary thesis under supervision.

*Credits: 3*

*Every Fall, Spring and Summer*

### **IDS 708 Interdisciplinary Thesis Seminar**

This course is open only to matriculated students in the interdisciplinary studies program. The completed thesis is evaluated by a three-member committee chosen from the appropriate interdisciplinary fields and is the subject of an oral examination.

*Prerequisite of IDS 707 is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

### **SCI 601 Science Research Workshop for High School Teachers**

This workshop is focused on developing skills for mentoring high school students in scientific research.

*Credits: 1 to 3*

*On Occasion*

## DEPARTMENT OF MATHEMATICS

Phone: 516-299-2447 or 2448

Fax: 516-299-4049

Chair: Associate Professor Cleopa

Senior Professor: Borde

Professors: Berresford, Burns, Losonczy, J. Peters, Rothman (Graduate Co-Director)

Associate Professors: Ahdout (Graduate Co-Director), Andima, Chilaka, Zeinalian

Assistant Professor: Redden

Adjunct Faculty: 10

A mathematics degree is an excellent foundation for a promising future in practically any profession or discipline. The Department of Mathematics provides numerous graduate-level courses that will enable you to master the mathematical methods and sophisticated reasoning and problem-solving skills essential to a wide variety of fields. The department draws upon the intellectual expertise and talent of a distinguished faculty whose interests include topological groups, probability theory, differential geometry, number theory, dynamical systems and computer graphics, real analysis, numerical analysis, abstract algebra, combinatorics, algebraic topology and the history of mathematics.

The Department of Mathematics offers several graduate programs of study, including the Master of Science in Applied Mathematics (with concentrations in Classical and Computer Mathematics) and the Master of Science in Mathematics for Secondary School Teachers. The Mathematics Department also offers degrees in teacher education: the Master of Science: Middle Childhood Education (5-9) and the Master of Science: Adolescence Education (7-12) with a concentration in Mathematics in conjunction with the College of Education, Information and Technology. The Middle Childhood and Adolescence Education programs are for students who seek initial or professional New York State teacher certification to teach in middle or secondary schools.

### M.S. in Applied Mathematics

The 37-credit Master of Science degree program in Applied Mathematics offers specializations in either Classical Mathematics or Computer Mathematics. Classical Mathematics focuses on the foundations of modern mathematical theory, covering linear algebra, numerical methods and complex analysis. Computer Mathematics combines the fields of mathematics and technology through courses such as logic and information, applications of analysis, linear programming and statistics. Students must complete either a thesis or a prepare a topic in mathematics and deliver a lecture on that topic.

The faculty members in the Department of

Mathematics are experts in areas such as topological groups, probability theory, differential geometry, number theory, dynamical systems and computer graphics, real analysis, numerical analysis, abstract algebra, combinatorics and history of mathematics.

Many of our graduates have gone on to receive Ph.D.'s from prestigious institutions. LIU Post graduates also are qualified for rewarding positions in actuarial science, insurance, finance, engineering, manufacturing and education.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Science in Applied Mathematics must meet the following requirements for admission:

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- A bachelor's degree, including an undergraduate calculus sequence with grades of B or better is required for admission. A student who does not meet the minimum entrance requirements may be accepted on a limited matriculant basis.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, NY 11548-1300

#### Academic Policies

At the start of graduate studies, each student prepares a program of courses with a graduate academic counselor.

MTH 631 and 632 may be waived for a student who has previously earned credit in equivalent courses. Six approved elective credits will be substituted.

A student cannot have more than one grade lower than a B- in mathematics courses that applied toward the degree. This requirement can be satisfied by retaking a course if necessary. Students with two or more of such grades must see an advisor before registering for additional courses.

### M.S. in Applied Mathematics

#### Requirements

#### Required Applied Mathematics Courses

All of the following:

MTH 615	Linear Algebra I	3.00
MTH 631	Foundations of Analysis	3.00
MTH 632	Applications of Analysis	3.00

#### Required Applied Mathematics Capstone

##### Option

One of the following options:

MTH 707	Research Methods and Thesis Seminar	4.00
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OR one additional course/three credits from all MTH courses excluding MTH 707 and 709

##### AND

MTH 709	Oral Presentation	1.00
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Students must choose either a concentration in Classical Mathematics or Computer Mathematics.

### Classical Mathematics Concentration Requirements

#### Required Classical Mathematics Courses

All of the following:

MTH 543	Ordinary Differential Equations and Special Functions	3.00
MTH 553	Fourier Methods and Boundary Value Problems	3.00
MTH 616	Linear Algebra II	3.00
MTH 627	Complex Analysis I	3.00
MTH 681	Numerical Methods I	3.00

#### Elective Mathematics Courses

Three courses/nine credits from all MTH courses excluding MTH 707 and 709

### Computer Mathematics

#### Concentration Requirements

#### Required Computer Mathematics Courses

All of the following:

MTH 512	Mathematical Logic and Information	3.00
MTH 521	Linear Programming	3.00
MTH 568	Mathematical Statistics	3.00

#### Elective Mathematics Courses

Five courses/fifteen credits from all MTH courses excluding MTH 707 and 709

### M.S. in Applied Mathematics

#### Requirements

Minimum Total Credits = 37 (both concentrations and capstone options)

Minimum G.P.A. = 3.00

## M.S. in Mathematics for Secondary School Teachers

A high school teacher with an advanced knowledge of mathematics can make a profound impact on his or her students. A sophisticated understanding of mathematical concepts and problem-solving strategies can help bring high school-level math vividly to life for the adolescent student.

The M.S. in Mathematics for Secondary School Teachers is designed for people who are currently working as teachers or those who plan to enter the teaching field. This program makes the mathematics teacher more versatile and valuable to his or her school district.

The 37-credit Master of Science program consists of 25 credits of required courses covering such subjects as set theory, mathematical logic and information, abstract algebra, Euclidean geometry, history of mathematics and the foundations and applications of analysis. It also offers the opportunity to satisfy individual interests by requiring 12 credits of electives. As a capstone project, students either write a thesis or prepare a lecture on mathematics suitable for high school students.

**Note:** This program does not lead to New York State teaching certification.

### ADMISSION REQUIREMENTS

Applicants to the M.S. in Mathematics for Secondary School Teachers must meet the following requirements for admission:

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- A bachelor's degree, including an undergraduate calculus sequence with grades of B or better and a one-year calculus sequence with grades of B or better are required for admission. A student who does not meet the minimum entrance requirements may be accepted on a limited matriculant basis.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, NY 11548-1300

### ACADEMIC POLICES

At the start of graduate studies, each student prepares a program of courses with a graduate academic counselor.

MTH 631 and 632 may be waived for a student who has previously earned credit in equivalent courses. Six approved elective credits will be substituted.

A student cannot have more than one grade lower than a B- in mathematics courses that applied toward the degree. This requirement can be satisfied by retaking a course if necessary. Students with two or more of such grades must see an advisor before registering for additional courses.

## M.S. in Mathematics for Secondary School Teachers Requirements

### Required Mathematics Courses

#### All of the following:

MTH	511	Set Theory	3.00
MTH	512	Mathematical Logic and Information	3.00
MTH	513	An Introduction to Abstract Algebra	3.00
MTH	514	Euclidean Geometry	3.00
MTH	524	History of Mathematics	3.00
MTH	631	Foundations of Analysis	3.00
MTH	632	Applications of Analysis	3.00

### Elective Mathematics Courses

Four courses/twelve credits from all MTH courses excluding MTH 707 and 709.

### Required Mathematics Capstone Option

#### One of the following options:

MTH	707	Research Methods and Thesis Seminar	4.00
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OR one additional course/three credits from all MTH courses excluding MTH 707 AND

MTH	709	Oral Presentation	1.00
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## M.S. in Mathematics for Secondary School Teachers Additional Requirements

Minimum Total Credits = 37 (both capstone options)

Minimum G.P.A.= 3.00

## M.S. in Middle Childhood Education: Mathematics (Grades 5-9)

### Joint Programs with College of Education, Information and Technology

The degree of Master of Science in Middle Childhood Education (Grades 5-9): Mathematics is offered by the College of Education, Information and Technology in conjunction with the Department of Mathematics. The student must take a minimum of 18 credits of Mathematics, maintain a cumulative G.P.A. of 3.00 in Education and also in Mathematics. In addition, any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

The student is required to take a comprehensive written examination that tests the student's knowledge of the main concepts studied in MTH 511, 513, 514 and 631. This exam will be given once per semester as announced.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

## M.S. in Adolescence Education: Mathematics (Grades 7-12)

### Joint Programs with College of Education, Information and Technology

The degree of Master of Science in Adolescence Education (Grades 7-12): Mathematics is offered by the College of Education, Information and Technology in conjunction with the Department of Mathematics. The student must take a minimum of 18 credits of Mathematics, maintain a cumulative G.P.A. of 3.00 in Education and also in Mathematics. In addition, any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

The student is required to take a comprehensive written examination that tests the student's knowledge of the main concepts studied in MTH 511, 513, 514 and 631. This exam will be given once per semester as announced.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

## Mathematics Courses

### MTH 501 Mathematics for Elementary School Teachers I

This course is an intensive study of: the structure of the number systems and systems of enumeration including bases other than 10; the set concept and those set operations pertinent to the elementary school curriculum; the fundamental operations of arithmetic; useful topics from number theory, including a study of divisibility, primes, the fundamental theorem of arithmetic, finite and infinite decimal series.

*Credits: 3*

*On Occasion*

### MTH 502 Mathematics for Elementary School Teachers II

This course covers work in finite arithmetic, modulo systems, topics in logic for the elementary school, a look into two- and three-dimensional geometry for the grades including topics in basic measurements, surface areas and volumes of geometric figures, experiments in geometry and topology, set theory and its relation to the languages of geometry, and finally, a look into some probability as applied to fifth and sixth grade mathematics.

*Credits: 3*

*On Occasion*

### MTH 511 Set Theory

This course covers sets, Cartesian products, relations, functions, binary operations, finite and infinite cardinal numbers and its application to the development of mathematical systems.

*Credits: 3*

*Every Spring*

### MTH 512 Mathematical Logic and Information

Topics covered in this course are the propositional and predicate calculus, binary arithmetic and coding, error-correcting codes, information and entropy.

*Credits: 3*

*Alternate Spring*

### MTH 513 An Introduction to Abstract Algebra

This course is not open to students who have had an upper-level undergraduate course in algebraic structures. This course is a study of the basic properties of the natural numbers. Construction of the integers, rational numbers, real numbers and complex numbers is included. In the process of these constructions there arise the basic algebraic structures: groups, rings, fields. Also included are equivalence relations and isomorphisms.

*Credits: 3*

*Every Fall*

### MTH 514 Euclidean Geometry

This course is a careful study of the foundations of Euclidean geometry contrasting the metric and synthetic approaches. This course includes ruler

and compass construction. Different strategies involving reading, writing, talking and listening will be used to make sense of mathematics and to develop insight into how these strategies can help students of varying ability levels become active participants in learning mathematics. Thus, participating students will not only improve their own abilities at learning with texts, but will also learn how to adapt the techniques to pre-college learning environments. The course will actively engage students in learning mathematics with texts varying in level of content background and difficulty. This course satisfies the literacy requirement in the discipline for the Master of Science in Adolescence Education: Mathematics.

*Credits: 3*

*Every Spring*

### MTH 521 Linear Programming

This course covers elementary linear algebra, convex geometry, linear programming problems, the simplex method. Also included is Tucker and Dantzig tableaux, duality, sensitivity analysis, solutions of the transportation and the assignment problems, and computational considerations.

*Credits: 3*

*Alternate Fall*

### MTH 524 History of Mathematics

This course covers the development of mathematical concepts and methods from ancient times to the present. The course includes the interaction of mathematics and the physical sciences and the evolution of the abstract point of view.

*Credits: 3*

*On Occasion*

### MTH 543 Ordinary Differential Equations and Special Functions

This course examines the properties of solutions of ordinary differential equations, existence and uniqueness, series solutions of linear differential equations near regular and singular points. The course is a study of special functions: Bessel, Legendre and hypergeometric.

*Co-requisite of MTH 631 is required.*

*Credits: 3*

*Alternate Fall*

### MTH 553 Fourier Methods and Boundary Value Problems

This course covers partial differential equations of physics and the Fourier series and integrals with applications to initial and boundary value problems. The course includes orthogonality and completeness, series of Bessel functions, Legendre polynomials and convergence.

*Co-requisite of MTH 631 is required.*

*Credits: 3*

*Alternate Spring*

### MTH 568 Mathematical Statistics

Topics include classification of data, experimental design, hypothesis testing, unbiased and maximum

likelihood estimators, nonparametric statistics, regression and correlation.

*Credits: 3*

*Alternate Fall*

### MTH 584 Automata Theory

The course includes the theoretical basis of computer science, including discussion of finite automata, context-free grammars, pushdown automata, Turing machines, computable functions, the halting problem, incompleteness and unsolvability, and Godel numbering.

*Prerequisite of MTH 512 or permission of Dept is required.*

*Credits: 3*

*On Occasion*

### MTH 613 Number Theory

This course includes the Euclidean algorithm, the Fundamental Theorem of Arithmetic, Euler's function, linear Diophantine equations, congruence and modular arithmetic, Gauss's and Euler's theorems, quadratic residues and reciprocity law, and homogeneous binary forms.

*Credits: 3*

*On Occasion*

### MTH 615 Linear Algebra I

This course includes the study of real vector spaces, linear dependence and independence and bases. Linear transformations, matrices, determinants and linear equations are also included.

*Co-requisite of MTH 631 is required.*

*Credits: 3*

*Alternate Fall*

### MTH 616 Linear Algebra II

This course covers quadratic forms, eigenvalues and eigenvectors, diagonalization, canonical forms; also, the applications to differential equations including small oscillation theory.

*Prerequisite of MTH 615 or permission of Dept is required.*

*Credits: 3*

*Alternate Spring*

### MTH 617 Abstract Algebra

This course studies groups, rings, fields, vector spaces and their mappings, and Galois Theory.

*Prerequisite of MTH 513 or permission of Dept is required.*

*Credits: 3*

*On Occasion*

### MTH 621 Topology

This course is the study of elementary point set topology including notions of open, closed, compact and connected sets. Continuous maps, homeomorphisms, metrics, completeness and induced topology are studied. Some aspects of algebraic topology are briefly introduced.

*Credits: 3*

*On Occasion*

**MTH 623 Algebraic Computing**

This course is an applied study of integer and polynomial arithmetic, including Euclid's algorithm, mod m inverses, Chinese remainder and interpolation algorithms, computation by single and by multiple homeomorphic images, and fast Fourier transform algorithms.

*Prerequisite of MTH 513 or permission of Dept is required.*

*Credits: 3*

*On Occasion*

**MTH 625 Operations Research**

This course includes nonlinear programming; steepest ascent and the branch and bound algorithms; quadratic programming and the Thiel and Van der Panne algorithm; and nondifferentiable problems including dynamic programming; finite and infinite stage problems and the theory of queues: stochastic processes (Markov and Poisson); single, multiple and infinite channel queues; and non-Markov queues.

*Prerequisite of MTH 521 & 568 is required.*

*Co-requisite of MTH 631 & 615 or permission of Dept is required.*

*Credits: 3*

*On Occasion*

**MTH 627 Complex Analysis I**

This course covers the algebra and geometry of complex numbers, analytic functions, Taylor and Laurent series, Cauchy integral theory and applications, residue calculus.

*Prerequisite of MTH 631 or permission of Dept is required.*

*Credits: 3*

*Alternate Fall*

**MTH 628 Complex Analysis II**

This course covers applications of complex analysis to potential theory, ordinary differential equations, Fourier transforms and Laplace transforms.

*Prerequisite of MTH 631 or permission of Dept is required.*

*Credits: 3*

*Alternate Spring*

**MTH 631 Foundations of Analysis**

This course is an in-depth study of functions, continuity, limits, differentiation, sequences and series and the Riemann integral, Euclidean spaces and metric spaces.

*Co-requisite of MTH 511 or permission of Dept is required.*

*Credits: 3*

*Every Fall*

**MTH 632 Applications of Analysis**

This course is a study of functions of several variables, including maxima and minima, Lagrange multipliers, implicit function theorem, Jacobians, vector algebra and calculus, and Green, Gauss and Stokes theorems. Applications from geometry and physics are considered.

*Prerequisite of MTH 631 or permission of Dept is*

*required.*

*Credits: 3*

*Every Spring*

**MTH 661 Projective and Related Geometries**

This course is an algebraic and synthetic approach to projective, affine, Euclidean and non-Euclidean geometries, including finite geometries.

*Credits: 3*

*On Occasion*

**MTH 667 Probability Theory**

This course covers the fundamentals of probability theory, discrete and continuous random variables, the binomial, normal, and Poisson laws. Moments and characteristic functions, derived and multivariate distributions, and the law of large numbers and central limit theorem are examined. Illustrative applications to the physical sciences is included.

*Credits: 3*

*On Occasion*

**MTH 672 Topics in Mathematics**

This course is a detailed treatment of some topic in analysis, algebra, geometry, number theory or topology not covered by an existing course.

Note: This course may be taken more than once only with the expressed approval of the chairperson.

*Credits: 3*

*On Occasion*

**MTH 673 Calculus of Variations with Applications**

The classical theory of the variational calculus along with weak solutions, Euler-Lagrange equations, Hamilton's principle, multiplier methods, fixed and variable end-point problems, direct and semi-direct procedures for the solution of extreme problems including Raleigh-Ritz, Galerkin, and Kantorovich methods with applications to continuum mechanics are examined.

*Prerequisite of MTH 632 or permission of Dept is required.*

*Credits: 3*

*On Occasion*

**MTH 675 Differential Geometry**

This course deals with the geometry and analysis of manifolds. Topics include the inverse function theorem, implicit function theorem, transversality, curvature and the morse lemma.

*Prerequisite of MTH 631 & 615 or permission of Dept is required.*

*Credits: 3*

*On Occasion*

**MTH 681 Numerical Methods I**

The algorithms for numerical solution of linear and nonlinear equations, approximation of functions by polynomials and numerical integration are examined.

*Co-requisite of MTH 631 is required.*

*Credits: 3*

*Alternate Spring*

**MTH 682 Numerical Methods II**

This course examines the numerical solution of differential and difference equations, error analysis, and Monte Carlo methods.

*Prerequisite of MTH 681 or permission of Dept is required.*

*Credits: 3*

*Alternate Fall*

**MTH 687 Digital Computer Programming for Teachers**

This course covers computer programming as applied to the secondary school mathematics curriculum. Programs related to matrices, systems of equations, linear programming and calculus are considered. The student develops programming skills in conjunction with these applications. The language employed depends on the current needs of secondary school teachers.

*Credits: 3*

*On Occasion*

**MTH 707 Research Methods and Thesis Seminar**

These courses include the use of the literature, the selection of a thesis topic and writing the thesis. For the Master of Science degree, the thesis usually consists of a detailed and scholarly exposition on some topic in mathematics. An oral defense of the thesis is required. These courses are open only to matriculated students.

*Credits: 4*

*On Occasion*

**MTH 709 Oral Presentation**

Under the guidance of a faculty member, the student prepares and presents a lecture on an approved mathematical topic to a faculty/student audience.

*Credits: 1*

*Every Fall and Spring*

**MTH 710 Research and Oral Presentation for Mathematics Education**

Under the guidance of a faculty members, the student prepares and presents a lecture on an approved mathematical topic appropriate to the graduate mathematics education program to a faculty/student audience.

*Credits: 1*

*Every Fall and Spring*



## DEPARTMENT OF POLITICAL SCIENCE / INTERNATIONAL STUDIES

Phone: 516-299-2408

Fax: 516-299-3943

Chair: Associate Professor Freedman  
Professors: Baker, Goldstein (Director,  
International Studies Program), Klein, Muslih,  
Soupios (Graduate Director)

Associate Professors: Bachman (Pre-Law  
Advisor), Grosskopf

Adjunct Faculty: 4

The Department of Political Science and International Studies offers the Master of Arts in Political Science that can incorporate courses from four areas: American government, comparative government, international relations, and political theory. LIU Post's graduate degree program in political science prepare students for success in a broad range of rewarding fields, including government, public service, law, education and politics.

Students examine worldwide political systems, economic systems and social organizations from a variety of perspectives. They engage in lively intellectual debates, learn how to develop persuasive arguments and articulate their convictions with confidence and poise. Students gain skills in research, analysis and critical thinking to ensure their marketability and success. Faculty members are widely recognized political analysts who have published on a variety of topics, from medieval political thought to constitutional law to contemporary world politics.

The Department of Political Science and International Studies includes seven full-time faculty members and distinguished visiting professors representing major core areas of the United Nations. Since a number of students are interested in teaching social studies, the Department includes courses which can be taken as part of graduate programs that lead to initial or professional certification in Social Studies. LIU Post also offers an extensive Pre-Law Advisement Program to help students select a curriculum that prepares them for admission to law school.

### M.A. in Political Science

The American system of self-government and political participation is one of the great stories of world history. From town and city councils to the Congress and the presidency, the institutions, political factions and social forces that drive our collective decision-making impact all of society and every individual. The Master of Arts degree in Political Science examines domestic and foreign governments, the legislative process, the Constitution, government functions, and the role of governments and their impacts on people. In addition, students must complete either a thesis (30

total credits) or comprehensive exam (36 total credits).

The graduate program offers courses from four different areas: American Government, Comparative Government, International Relations and Political Theory. Courses in each of these areas afford the student an in-depth examination of the fundamental forces, institutions and functions of public policy and governance. This program is ideal preparation for a wide range of careers or for doctoral study.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Arts in Political Science must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate work.
- In addition to satisfying the general requirements for admission to graduate studies, applicants may be required to take the Graduate Record Examination (both the aptitude test and the advanced political science or government test).
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, NY 11548-1300

#### ACADEMIC POLICES

Each grade below B is considered a deficiency. Two deficiency grades will result in probation. Three deficient grades will result in dismissal. It is the student's responsibility to bring any deficiencies to the attention of the graduate committee chairperson.

Students may choose to complete a comprehensive examination in Political Science as part of the 36-credit M.A. degree requirements. Graduate students may take the comprehensive examination no more than three times. A third failure is final and subsequently no degree will be awarded.

### M.A. in Political Science

#### Requirements

##### Required Political Science Course

POL 700	Political Science: Approaches and Methods	3.00
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##### Elective Political Science Courses

Seven courses/twenty-one credits from all POL courses excluding POL 707 and 708  
Students must choose a capstone option (Comprehensive Exam or Thesis).

#### Comprehensive Exam Option

##### Requirements

##### Additional Required Political Science

##### Course

POL 710	Seminar in Political Science	3.00
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##### Additional Elective Political Science

##### Courses

Three additional courses/nine credits from all POL courses excluding POL 707 and 708

##### Required Comprehensive Exam

Students must pass a comprehensive exam administered by the Political Science Department.

#### Thesis Option Requirements

##### Required Political Science Thesis Courses

##### All of the following:

POL 707	Research Methods	3.00
POL 708	Thesis Seminar	3.00

### M.A. in Political Science Additional Requirements

**Minimum Total Credits = 36**

**(Comprehensive Exam Option), 30 (Thesis Option)**

**Minimum G.P.A. = 3.00**

### M.S. in Middle Childhood Education: Social Studies (Grades 5-9)

#### Joint Program with College of Education, Information and Technology

The degree of Master of Science in Middle Childhood Education (Grades 5-9): Social Studies is offered by the College of Education, Information and Technology in conjunction with the Departments of History and Political Science. The student must take a minimum of 18 credits of History, maintain a cumulative G.P.A. of 3.00 in Education and also in History. Based on previous course work and with approval of the graduate advisor, students may substitute History courses with courses from Political Science. In addition, any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

Successful completion of a comprehensive examination in Social Studies is also required. Graduate students may take the comprehensive examination no more than three times. A third failure is final and subsequently no degree will be awarded.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

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### **M.S. in Adolescence Education: Social Studies (Grades 7-12)**

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#### **Joint Program with College of Education, Information and Technology**

The degree of Master of Science in Adolescence Education (Grades 7-12): Social Studies is offered by the College of Education, Information and Technology in conjunction with the Departments of History and Political Science. The student must take a minimum of 18 credits of History, maintain a cumulative G.P.A. of 3.00 in Education and also in History. Based on previous course work and with approval of the graduate advisor, students may substitute History courses with courses from Political Science. In addition, any student who receives grades below B in two graduate courses is considered to have an academic deficiency. A student who earns a third grade below B may lose his or her matriculated status or may be dismissed from the graduate program.

Successful completion of a comprehensive examination in Social Studies is also required. Graduate students may take the comprehensive examination no more than three times. A third failure is final and subsequently no degree will be awarded.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

## Political Science Courses

### **POL 500 American Constitutional Development and Interpretation**

This course covers the problems involved in the process of writing and developing a constitution, the meaning and interpretation of various approaches to constitutional theory and practice, the substance and meaning of constitutional phraseology, the historical and legal development of constitutional ideology, and the tests that must be made of the materials which may or may not find their way into a constitution.

*Credits: 3*

*On Occasion*

### **POL 501 The Theory and Practice of Federalism**

This course covers the theory of federalism and the experience in federalism in the United States, with some reference to other federal systems.

*Credits: 3*

*On Occasion*

### **POL 502 American Political Parties**

This course examines the nature and operation of American national, state and local party systems and politics related to the broad setting of the governmental system and prevailing political values. Special emphasis is given to substantive and procedural problems.

*Credits: 3*

*On Occasion*

### **POL 503 Interest Groups and Lobbies in American Politics**

This course is an analysis of group theory: nature and function of interest groups, pressure groups and lobbies; organization, functions and behavior of political interest groups; techniques and goals of lobbying.

*Credits: 3*

*On Occasion*

### **POL 507 Changes and Reforms in Current American Politics**

This course is a study of recent procedural and substantive changes in American politics against a background of continuity in American political institutions. Special attention is given to the areas of public opinion, political parties, the presidency, the Congress and focusing on the effects that change and reform have on governmental policy.

*Credits: 3*

*On Occasion*

### **POL 508 Redesigning the U.S. Constitution**

This course will simulate a 21st-century constitutional convention, in which we will reconsider the United States Constitution from the ground up. Students will revisit the choices made by the framers of the Constitution and will determine how the document should be updated to reflect the needs of modern-day governance and lessons learned from historical controversies

surrounding constitutional interpretation.

*Credits: 3*

*On Occasion*

### **POL 509 Women in Politics and Administration**

This course is an analysis of the various roles women have played in the academic and professional development of politics and public administration. In addition, the course is concerned with the concept of women's rights and the role of the public sector both as an inhibition and a contribution.

*Credits: 3*

*On Occasion*

### **POL 510 The American Legislative Process**

This course is an intensive study of the American legislative process - its organization, function and behavior. Special emphasis is given to substantive and procedural problems.

*Credits: 3*

*On Occasion*

### **POL 511 Public Policy and Public Choice**

This course is a detailed study of selected problems in public policy determination within the American political system.

*Credits: 3*

*On Occasion*

### **POL 517 Institute on Practical Government and Politics**

This course is a nonpartisan seminar in which governmental and political leaders meet to discuss practical political issues. The seminar is organized as a dialogue between the guests and the students.

*Credits: 2*

*On Occasion*

### **POL 522 Concepts of the American Presidency**

This course is designed to introduce students to the study of permanent and changing factors in the American presidency.

*Credits: 3*

*On Occasion*

### **POL 531 The Supreme Court as a Political Institution**

This course is the history and present status of the United States Supreme Court as a political instrumentality, and how it affects political, social and economic changes in American society.

*Credits: 3*

*On Occasion*

### **POL 532 Current Problems in Constitutional Law**

This course is the analysis, possible synthesis and ultimate evaluation of Supreme Court approaches to 21st-century problems of constitutional law concerning jurisdiction and judicial review, federalism, separation of powers, commerce, taxing and spending powers, war powers and civil liberties.

*Credits: 3*

*On Occasion*

### **POL 541 Teaching Civil Liberties**

This course is designed for improving the teaching of constitutional freedom in public and private schools. Materials and methods for teaching the Constitution and the Bill of Rights are presented. The course is primarily for secondary school teachers.

*Credits: 3*

*On Occasion*

### **POL 551 Metropolitcs**

Governments and politics of metropolitan regions: development, governmental structures and functions, interest and power relations, politics and problems of cities and metropolitan areas are considered.

*Credits: 3*

*On Occasion*

### **POL 561 Intergovernmental Relations**

This course is an examination of the relationships and cooperative functions between governmental units of the federal, state and local levels with particular emphasis on New York State.

*Credits: 3*

*On Occasion*

### **POL 570 Defense Policy**

This course is an analysis of the military and its relationship to both domestic and foreign policy. Special consideration is given to the United States. The areas surveyed include nuclear strategy, the concept of the limited war, guerrilla warfare, the military as a political force, and war as a policy tool.

*Credits: 3*

*On Occasion*

### **POL 581 Research and Field Work on Problems in American Government I**

Teaching by several members of the department stresses the areas of public opinion, national, state and local governments as well as methodology. The approach is behaviorally oriented. This semester is on a seminar basis and students are required to choose a topic of interest from which they can construct a research design.

*Credits: 3*

*On Occasion*

### **POL 582 Research and Field Work on Problems in American Government II**

Students go into the field to write a paper in accordance with their design. In as many cases as possible, students are placed in voluntary internship programs with local or national governments or political party organizations. The student works under the professor of his or her choice and any member of the department is available for help.

*Prerequisite of POL 581 is required.*

*Credits: 3*

*On Occasion*

### **POL 600 British Political Theory and Practice**

This course is an analysis of the nature of the

British constitution, the crown, the ministry and cabinet, parliament and elections, the party system, law and the courts, local government.

*Credits: 3*

*On Occasion*

**POL 612 Comparative Legal Systems**

Systems to be considered are the Anglo-American system, the Islamic system, the judicial system of the former U.S.S.R., and civil law systems from the point of view of their structure, function and philosophical base.

*Credits: 3*

*On Occasion*

**POL 622 Problems in Comparative Government**

This course is a thorough study and analysis of specific issues in government as treated by selected world powers.

*Credits: 3*

*On Occasion*

**POL 635 Political Power in Contemporary China**

This course is an analysis of the major political ideas, institutions and groups in contemporary China and their impact on political decision-making.

*Credits: 3*

*On Occasion*

**POL 636 Political Systems in Developing Areas: Regional Analysis**

One semester is devoted to each region. Political modernization of the developing areas; process of transition from traditionalism to modernism; developing political institutions and changing political processes to be considered in the following specific regions: South and Southeast Asia, East Africa, the Middle East, Africa south of the Sahara, North Africa, and Latin America.

*Credits: 3*

*On Occasion*

**POL 637 Seminar in the Political Problems of Asia**

This course is advanced research in selected problems of Asian political institutions and is primarily intended for graduate students specializing in the regional studies of Asia.

*Credits: 3*

*On Occasion*

**POL 639 Seminar in the Political Problems of Africa**

This course is advanced research in selected problems of African political institutions and is primarily intended for graduate students specializing in the regional studies of Africa.

*Credits: 3*

*On Occasion*

**POL 640 The Dynamics of Revolution**

This course covers the backgrounds and causes of revolutions and the assessment and prediction of revolutionary threat or potential. The types and

stages of revolution and the techniques of revolutionary action; the planning, organization, and conduct of revolution as a conflict instrument in; and the prevention and suppression of revolution are examined.

*Credits: 3*

*On Occasion*

**POL 644 Political Development and Modernization**

This course is a comparative examination of the cultural, social and ideological forces that produce political and social change with special emphasis on the role of political leadership, the interrelationships between political development and nation-building and the preconditions for the modernization revolution.

*Credits: 3*

*On Occasion*

**POL 646 Russian Government and Politics**

This course is a study of Russian politics and political culture from the Imperial period through the period of the Soviet regime to the present. Emphasis is placed on continuity and change in political thought and practice within Russia.

*Credits: 3*

*On Occasion*

**POL 652 Institute on Asian Problems**

This course covers the political, economic, social and cultural aspects of the Asian area with emphasis on current problems. Participation by representatives of the area is stressed.

*Credits: 3*

*On Occasion*

**POL 653 Institute on African Problems**

This course covers the political, economic, social and cultural aspects of the African area with emphasis on current problems. Participation by representatives of the area is stressed.

*Credits: 3*

*On Occasion*

**POL 654 Institute on European Problems**

This course covers the political, economic, social and cultural aspects of the European area with an emphasis on current problems. Participation by representatives of the area is stressed.

*Credits: 3*

*On Occasion*

**POL 655 Institute on Middle East Problems**

The political, economic, social and cultural aspects of the Middle East area with an emphasis on current problems are examined. Participation by representatives of the area is stressed.

*Credits: 3*

*On Occasion*

**POL 656 Institute on Latin-American Problems**

The political, economic, social and cultural aspects of the Latin-American area with an emphasis on current problems are examined. Participation by

representatives of the area is stressed.

*Credits: 3*

*On Occasion*

**POL 675 The Politics of International Information and Cross Cultural Communications**

This course is a study of culture-based perceptions of the media in both developed and developing countries with particular emphasis on the influence of politics on the ownership, control and performance of the media. The mandate structure and function of the U.N. Department of Public Information are examined.

*Credits: 3*

*On Occasion*

**POL 700 Political Science: Approaches and Methods**

This course is a study and analysis of the approaches and methodologies used by political scientists in examining the issues and problems of their discipline. Students develop research designs using varied approaches and methodologies discussed in class. POL 700 should be taken during a student's first semester in the program.

*Credits: 3*

*Annually*

**POL 701 Quantitative Analysis of Empirical Data in Political Science**

This course is a comprehensive introduction to the major concepts and methods of contemporary empirical research and data analysis in political science. Statistical techniques and the use of computers as tools for political analysis are emphasized.

*Credits: 3*

*On Occasion*

**POL 703 Political Science: The Development of the Discipline**

This course examines the development of the discipline of political science and includes a survey of the works of the chief writers in the present scope of political science.

*Credits: 3*

*On Occasion*

**POL 704 Special Problems in Political Science**

This course covers research on a special problem in political science not covered in existing courses conducted under the guidance of a faculty member. Approval of the department chair is required.

*Credits: 3*

*On Occasion*

**POL 707 Research Methods**

In this course, advanced study of the scientific method in the discipline of political science, together with the preparation of a master's thesis proposal and an outline of the thesis, is presented. This course is open only to matriculated students pursuing the thesis option.

*Credits: 3*

*Every Fall, Spring and Summer*

**POL 708 Thesis Seminar**

In this course, the actual writing of the thesis is covered. This course is open only to matriculated students pursuing the thesis option.

*Prerequisite of POL 707 is required.*

*Credits: 3*

*Every Fall and Spring*

**POL 710 Seminar in Political Science**

This course is a seminar designed to facilitate the integration of general principles, procedures and areas offered in the Master of Arts program for Option II M.A. students. The topic or topics of the seminar vary from semester to semester, dependent on the decision of the department. This seminar may be taken only once.

*Credits: 3*

*Annually*

**POL 720 Theories of International Relations**

This course is an examination of the problems raised by the study of international relations along with the functions and types of empirical theory such as "political realism," "peace through law," equilibrium, strategic defense, policentrism, social communication.

*Credits: 3*

*On Occasion*

**POL 721 Current Strategies and Global Politics**

This course is an examination of the development of strategic theories and their impact on the foreign policies of major states in the contemporary world.

*Credits: 3*

*On Occasion*

**POL 722 The United Nations and World Stability**

The goal in this course is to examine the role that the United Nations plays in promoting stability within and among nations. The course evaluates the success and failure of various tools available to this organization ranging from the use of military forces to humanitarian assistance, and the existing constraints and possible directions for the future.

*Credits: 3*

*On Occasion*

**POL 731 The Sources of International Law**

This course is a historical and analytical study of the documentary sources of international law and the community of nations.

*Credits: 3*

*On Occasion*

**POL 732 Public International Law**

This course studies the substantive rules of the law of nations pertaining to the relations of how public policy is formulated, applied, and enforced in administrative organizations; also, procedural law for the settlement of international disputes.

*Credits: 3*

*On Occasion*

**POL 742 Problems in International Organization**

This course examines special topics of international

organization, particularly those pertaining to the present scene.

*Credits: 3*

*On Occasion*

**POL 760 Demography, Populations and Politics**

This course is a study of domestic and international population problems and their influence on the formation and implementation of public policy.

*Credits: 3*

*On Occasion*

**POL 761 Diplomacy**

This course examines the nature and formulation of diplomatic traditions. It is a study of the evolving role of diplomacy in international relations.

*Credits: 3*

*On Occasion*

**POL 762 Foreign Policy in Contemporary World Politics**

This course is the research and discussion of selected topics in foreign policy techniques and decision-making processes since World War II.

*Credits: 3*

*On Occasion*

**POL 764 Politics of Multilateralism**

This course is a study of the theory and practice of multilateralism in the contemporary international system. Particular attention is devoted to international organizations involved with peace keeping, reactive and preventive diplomacy, conflict resolution and conflict prevention.

*Credits: 3*

*On Occasion*

**POL 772 Institute on the United Nations**

This course is a study of the United Nations and its related agencies and commissions. Students will visit the United Nations and benefit from the participation by representatives of this international organization and its agencies.

*Credits: 3*

*On Occasion*

**POL 782 International Relations**

This course is a systematic approach to specific problems in international relations such as political nationalism, geography, population and food, natural resources, imperialism, international law and organization, and collective security.

*Credits: 3*

*On Occasion*

**POL 783 Teaching of International Relations**

This course consists of lectures, readings and discussions of fundamental concepts, principles and problems of international relations with current applications. This course is primarily for secondary school teachers.

*Credits: 3*

*On Occasion*

**POL 800 Basic Problems of Legal Philosophy**

This course is an examination of selected problems

of legal philosophy conducted through the study of representative works of major schools of legal thought.

*Credits: 3*

*On Occasion*

**POL 801 Political Thought from Plato to the 16th Century**

This course is an analysis of the evolution of Western political thought from ancient Greece to the 16th century.

*Credits: 3*

*On Occasion*

**POL 802 Modern Political Thought: N. Machiavelli to J.S. Mill**

This course is an investigation of the evolution of Western political thought from Niccolo Machiavelli to John Stuart Mill.

*Credits: 3*

*On Occasion*

**POL 803 Contemporary Political Ideologies**

This course is a comparative study of major political ideologies and their relationship to political events.

*Credits: 3*

*On Occasion*

**POL 811 American Political Theory**

This course is an advanced historical and analytical examination of government theories in the United States.

*Credits: 3*

*On Occasion*

**POL 815 Law and Political Theory in Ancient China**

This course is a critical study of selected writers and issues in the development of traditional Chinese political and legal thought.

*Credits: 3*

*On Occasion*

**POL 822 Studies in Constitutionalism**

This course is an analysis of the rise of constitutionalism in medieval and early modern Europe and focuses a particular emphasis on the revival of Roman law, the impact of Aristotelianism, and the development of the conciliar movement.

*Credits: 3*

*On Occasion*

**POL 823 Democracy and Dictatorship**

This course is a discussion and evaluation of traditional and contemporary interpretations of democracy and dictatorship and takes into consideration both political and nonpolitical factors.

*Credits: 3*

*On Occasion*

**POL 951 Seminar on Public Opinion**

This course covers research in the theory and history of public opinion. Included are techniques in the measurement of public opinion and issues in

the philosophy of public opinion.

*Credits: 3*

*On Occasion*

## DEPARTMENT OF PSYCHOLOGY

Phone: 516-299-2377

Fax: 516-299-3105

Chair: Professor Lachter

Professors: Corey, Feindler (Director, Clinical Psychology Doctoral Program), Forestell (Provost), Keisner, Knafo, Matin, Rathus, Rossi  
Associate Professors: Campbell, Frye (Graduate Director), Goodman, Heimer, Neill, Ortiz, Tepper  
Assistant Professor: Diener, Vidair  
Adjunct Faculty: 9

The Department of Psychology offers the Master of Arts in Psychology, the Advanced Certificate in Applied Behavior Analysis and the Psy.D. in Clinical Psychology. Rigorous coursework encompasses child and adult psychology, abnormal behavior, therapy and psychological testing. The curricula explores the sciences of psychology – learning, perception, behavioral neuroscience, developmental processes, and normal and abnormal processes – and their practical application. Your education in psychology will teach you critical reasoning and research skills.

The faculty's expertise spans many areas, including marriage and family, hypnosis, sexuality, adolescent behavior, neuroscience, psychotherapy, developmental disabilities and learning and memory.

In addition to classroom studies, you can gain hands-on experience at community youth centers, hospitals, human resource departments or private counseling practices.

Many psychology students become psychologists or enter related professions, but many others work in unrelated fields. Their knowledge of human behavior and development, learned as part of a broad-based education, makes them excellent candidates for careers in a wide range of fields such as business, education and government.

### M.A. in Psychology

In earning this 36-credit Master of Arts degree in Psychology you will strengthen your research, writing and critical-thinking skills while broadening and deepening your knowledge of human behavior. The core curriculum provides a thorough grounding in such topics as statistics, experimental methods, behavior analysis and learning, perception and cognition, and the neuropsychological bases of behavior. Each student must complete a thesis.

In designing a program to fit your own interests and needs, you will have an opportunity to choose from a full menu of electives, including "Social Psychology," "Personality," "Developmental Psychology," "Psychopathology," "Psychopharmacology" and "Theory and Practice

of Psychotherapy." In addition to paving the way for further study on the graduate level, the M.A. in Psychology will prepare you for a wide range of positions in treatment, education, industrial organization, management training and human resources.

#### Admission Requirements

Applicants to the Master of Arts in Psychology must meet the following requirements for admission. This program admits for the Fall only. To ensure attention to individual growth, the number of students is limited. Most have undergraduate degrees in psychology. However, we are prepared to provide appropriate support for students with degrees in other disciplines who are now exploring psychology as career option. Applications are processed as they are received. However, we strongly encourage application by August 1 for students who wish to be considered for assistantships.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Submit the results of the General Graduate Record (GRE) Exam.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program. Students who do not meet this requirement are welcome to discuss their options for admissions with the graduate advisor.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, NY 11548-1300

#### ACADEMIC POLICIES

Each grade below B is considered a deficiency. Two deficiency grades will result in probation. Three deficient grades will result in dismissal. It is the student's responsibility to bring any deficiencies to the attention of the graduate committee chairperson.

### M.A. in Psychology Requirements

#### Required Experimental Psychology

##### Courses

##### All of the following:

PSY	606	Statistics in Psychology	3.00
PSY	607	Experimental Methods in Psychology I	3.00
PSY	608	Experimental Methods in Psychology II	3.00
PSY	651	Behavior Analysis and Learning	3.00
PSY	652	Perception and Cognition	3.00
PSY	703	Neuropsychological Bases of Behavior	3.00

#### Elective Psychology Courses

##### Four of the following:

PSY	614	Social Psychology	3.00
PSY	616	Personality	3.00
PSY	653	Developmental Psychology	3.00
PSY	655	Psychopathology	3.00
PSY	657	Applied Behavior Analysis	3.00
PSY	658	Ethics, Professional Development and Practicum in Applied Behavior Analysis	3.00
PSY	661	Psychological Assessment	3.00
PSY	664	Theory and Practice of Psychotherapy	3.00
PSY	666	Psychopharmacology	3.00
PSY	704	Advanced Issues in Psychology I	3.00
PSY	705	Advanced Issues in Psychology II	3.00

#### Required Thesis Courses

##### All of the following:

PSY	707	Thesis Tutorial I	3.00
PSY	708	Thesis Tutorial II	3.00

### M.A. in Psychology Additional Requirements

Minimum Total Credits = 36

Minimum G.P.A. = 3.00

## Advanced Certificate in Applied Behavior Analysis

This program is designed for individuals who wish to receive a formal background in the theory and practice of Applied Behavior Analysis. Behavior analysis is used most widely with clinical populations in the area of developmental disabilities, including but not limited to clients diagnosed as mentally retarded and/or autistic.

The program requires the completion of 18 credits, and is designed so that all requirements can be met within one calendar year (fall semester, spring semester and summer session). The curriculum consists of 9 credits in basic courses in behavior analysis, 6 credits in advanced courses and 3 practicum credits. Applications are accepted until August 1.

The Behavior Analyst Certification Board, Inc. has approved the advanced certificate's course sequence as meeting the course work requirements for eligibility to take the Board Certified Behavior Analyst Examination. Applicants will have to meet additional requirements to qualify for board certification.

For more information about Behavior Analyst Certification, visit the BACB Web site at [bacb.com](http://bacb.com).

### ADMISSION REQUIREMENTS

Applicants to Advanced Certificate in Applied Behavior Analysis must meet the following requirements for admission. This program admits for the Fall only. Application for Admission.

- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants must have achieved at least a 3.0 overall grade point average or equivalent in a bachelor's program. Students who do not meet this requirement are welcome to discuss their options for admissions with the graduate advisor.
- One professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer based or 550 paper-based) or minimum IELTS score: 6.5.

Send application materials to:  
Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, NY 11548-1300

### ACADEMIC POLICIES

Each grade below B is considered a deficiency. Two deficiency grades will result in probation. Three deficient grades will result in dismissal. It is the student's responsibility to bring any deficiencies to the attention of the graduate committee chairperson.

Students enrolled in the CASE (Concentration in Autism and Special Education) program can also complete the requirements for the Advanced Certificate in Applied Behavior Analysis by taking PSY 607, 651, and 657. These courses are taken in addition to the education courses required to complete the CASE program. In order to complete the 18 credits in the Advanced Certificate in Applied Behavior Analysis, 9 credits in Education courses would substitute for the corresponding Psychology courses as follows:

EDS 625 Contemporary Issues & Research in Autism Spectrum Disorders substitutes for PSY 658 Ethics, Professional Development and Practicum in Applied Behavior Analysis. EDS 625 is an advanced seminar in current issues facing the field of special education.

EDS 629 Curriculum-based Assessment and Instruction of Students with Severe Disabilities/Autism substitutes for PSY 704 Advanced Issues in Psychology I: Autism. EDS 629 focuses on methodologies of: (1) assessment; (2) curriculum development; (3) individualized educational planning; and (4) instructional programming for children with severe developmental disabilities and autism.

EDS 635 Behavior Management for Children with Autism and Developmental Disorders substitutes for PSY 705 Advanced Issues in Psychology II: Development of Behavior Intervention Programs. EDS 635 provides an introduction to the principles of applied behavior analysis (ABA) and its application for children with autism and other developmental disabilities.

### Advanced Certificate in Applied Behavior Analysis Requirements Required Applied Behavior Analysis

#### Courses

#### All of the following:

PSY	607	Experimental Methods in Psychology I	3.00
PSY	651	Behavior Analysis and Learning	3.00
PSY	657	Applied Behavior Analysis	3.00
PSY	658	Ethics, Professional Development and Practicum in Applied Behavior Analysis	3.00
PSY	704	Advanced Issues in Psychology I	3.00

PSY	705	Advanced Issues in Psychology II	3.00
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### Advanced Certificate in Applied Behavior Analysis Additional Requirements

Minimum Total Credits = 18

Minimum G.P.A. = 3.00

### Clinical Psychology Doctoral Program

Phone: 516-299-2090

Director: Professor Feindler

Professors: Keisner, Knafo, Rathus, Rossi (Affiliated)

Associate Professors: Frye (Affiliated), Goodman, Neill (Affiliated), Ortiz

Assistant Professor: Diener, Vidair

Adjunct Faculty: 9

The Clinical Psychology Doctoral Program (Psy.D.) trains students who want to practice as clinical psychologists with a strong interest in traditionally underserved populations. In addition to mastering a rigorous core curriculum, Psy.D. students gain special competencies in one of three areas: Developmental Disabilities, Family Violence, or Serious and Persistent Mental Illness. Our highly experienced faculty provides clinical and theoretical training in the two major orientations in the field today: cognitive behavioral and psychoanalytic. As a result, our graduates are prepared to practice with one or both models, affording considerable flexibility in a professional world of constantly changing demands and opportunities.

After the first year, students balance course work with clinical training as externs in approved patient-care institutions. Second-year students train at the LIU Post Psychological Services Center, which offers low-cost preventative and clinical mental health services to community members. Third- and fourth-year students complete closely supervised externships at one of more than 50 training sites in the New York-New Jersey metropolitan area, including inpatient, outpatient and community mental health facilities.

The Clinical Psychology Doctoral Program is accredited by the American Psychological Association. In 2009, the APA awarded the Program with accreditation until 2016, the longest possible period of accreditation. Approximately 20 students from across the United States are admitted each year; most have an undergraduate degree in psychology and some clinical experience. The program requires a full-time, year-round commitment in each of the four years of residency. The fifth year is spent in a full-time clinical internship at an American Psychological Association-approved facility. As a culminating experience, students design and conduct a significant research project, and write a doctoral dissertation under the direction of the Program



faculty. The program is 115 credits, including the clinical practicum.

## **PRACTITIONER-SCHOLAR TRAINING MODEL PROGRAM**

### **Program Competencies, Goals and Objectives**

The term practitioner-scholar best describes the primary educational model at the LIU Post Clinical Psychology Doctoral Program. The professional practice of psychology is the primary focus of the training program. However, this practice is informed by scholarly inquiry.

All program requirements are consistent with a redefinition of a science-practice relationship that includes "the productive interaction of theory and practice in a primarily practice based approach to inquiry" (Hoshmand and Polinghorne, 1992). In addition, because our program focuses on two theoretical orientations, psychodynamic and cognitive-behavioral, our students are presented with different models of clinical knowledge. Students are encouraged to use the scientific method in clinical thinking and to critically assess their clinical practice. The program also employs a developmental training approach, where expectations of minimum competency gradually increase as students proceed through the sequence of coursework, supervised clinical practice and the completion of other requirements. The program is designed so that student's assume increased responsibility and independence as they progress from the first year to completion.

Upon completion of the program, graduates are expected to be able to function as competent and ethical psychologists providing psychological services to various individuals, groups and organizations. Graduates are also expected to have specialized knowledge and experience with at least one of three populations: people with serious and persistent mental illnesses, people with developmental disabilities and the victims of family violence. These advanced concentration areas represent one facet of our public interest mission. The competencies promoted in the program are based on a blended version of the National Council of Schools and Programs of Professional Psychology Educational Model proposed by Peterson, Peterson, Abrams and Stricker (1997) and the Competencies in Professional Psychology model outlined by Kaslow (2004). This blended version reflects the generally accepted competencies in professional psychology training and the unique mission of the LIU Post Clinical Psychology Doctoral Program. The goals and objectives determine the policies, curriculum, training experiences and environment of the program and are designed to promote foundational competencies, core competencies and specialty competencies (Kaslow, 2004). These competencies are:

#### ***Foundational***

1. Ethics
2. Individual and cultural diversity,
3. Professional Development

#### ***Core***

4. Research and evaluation
5. Assessment,
6. Intervention,
7. Consultation and supervision and

#### ***8. Elective concentration***

This last competency takes the form of at least one of the three advanced training electives: Serious and persistent mental illness, developmental disability or family violence.

### **Foundational Competencies, Goals and Objectives**

**1. Ethical competence** includes the following components: knowledge of ethical codes, standards and legal regulations and case law relevant to professional practice. In particular ethical behavior requires knowledge of an ethical decision making model and the ability to apply that model in the various roles enacted by a professional psychologist (Kaslow, 2004)

**Goal #1:** To provide a training experience so that program graduates will become professional psychologists able to exhibit ethically sound relationship skills with diverse populations.

Objective 1: Students will demonstrate the knowledge necessary to treat clients and other professionals in an ethical and legal manner.  
Objective 2: Students will behave in an ethical manner when interacting with clients and other professionals.

#### **2. Individual and cultural diversity competence**

"requires self awareness of one's own attitudes, biases, and assumptions and knowledge about various dimensions of diversity and appropriate professional practice with persons from diverse groups" (Daniel, Roysircir, Abeles and Boyd). This can also be identified as multicultural competence. It requires an understanding of the need to consider and include individual and cultural differences in clinical work, possession of the knowledge necessary to conduct culturally competent practice and the attitudes and values consistent with such professional activities.

**Goal #2:** To provide a training experience so that program graduates will have the knowledge and skills to provide professional services to organizations and individuals from diverse backgrounds.

Objective 3: Students will demonstrate respect for others who represent culturally diverse backgrounds and experiences.

Objective 4: Students will demonstrate the ability to integrate their knowledge of diversity into their professional practice.

### **Core Competencies, Goals and Objectives**

#### **1. Research and Evaluation Competency**

includes the capacity to grasp psychological inquiry and research methodology via qualitative, quantitative or theoretical study of psychological phenomena relevant to clinical issues. It includes a desire to investigate local and/or individual psychological phenomena using a systematic mode of inquiry. This competency area also involves problem identification and the acquisition and

interpretation of information concerning the problem in a scientific manner.

**Goal #3:** To provide a training experience that presents students with knowledge, skills, and attitudes required for a scholarly approach to a) understanding the results of clinical research, b) effectively applying information from clinical research to practice, c) conducting clinically relevant research to generate new knowledge about clinical phenomena, d) and evaluating the validity and utility of their own scholarly activity. Students should be able to apply these skills to the resolution of individual and group problems of a psychological nature.

Objective 5: Students will demonstrate their understanding of quantitative and qualitative research methods as well as the case study approach to clinical questions.

Objective 6: Students will demonstrate appropriate levels of knowledge in the following content areas: Biological, developmental, cognitive-affective, social, and cultural bases of behavior, learning and the history of psychology.

Objective 7: Students will be able to evaluate and utilize research literature.

Objective 8: Students will be able to formulate a research question, write and defend a proposal, conduct the research project as proposed and communicate the purposes, procedures, outcomes, and implications orally and in writing.

**2. Assessment Competence** requires the ability to "describe, conceptualize, characterize, and predict relevant characteristics of a client" (Peterson, Peterson, Abrams and Stricker, 1997, p.380) This involves the development of assessment, diagnostic, and clinical interviewing skills in cognitive, personality, and behavioral domains and the ethical use of these assessment instruments and methods.

**Goal #4:** To provide a training experience so that program graduates will successfully employ appropriate professional assessment instruments and methodologies, including psychological tests and interview strategies. They will also be skilled in integrating and communicating their findings.

Objective 9: Students will successfully administer and evaluate instruments designed to assess cognitive functioning.

Objective 10: Students will successfully administer and evaluate personality assessment instruments.

Objective 11: Students will successfully administer and evaluate behavioral assessment methodologies.

Objective 12: Students will successfully employ interview methods for assessment purposes.

Objective 13: Students will successfully integrate and communicate information from a variety of assessment sources in developing reports and case conceptualizations.

**3. Intervention Competence** is expected in the following areas: Intervention skills related to psychodynamic psychotherapy, cognitive-behavioral therapy, and applied behavior analysis

with children, adolescents and adults in group as well as individual formats. These skills include the formulation and conceptualization of clinical cases, the development and implementation of treatment plans, the assessment of treatment progress and outcome, the performance of treatment consistent with ethical principles and relevant legal guidelines and the ability to effectively communicate to clients the methods to be used.

**Goal #5:** To provide a training experience so that program graduates can successfully employ intervention approaches appropriate to the person and the situation.

Objective 14: Students will apply theory and research when formulating a plan for helping clients to resolve their interpersonal difficulties, to reduce psychological problems and to increase effective use of coping strategies.

Objective 15: Students will successfully employ at least two theoretical approaches to intervention: psychodynamic and cognitive-behavioral or applied to evaluate levels of competence with the help of psychologists from the community who are independent of the program core faculty.

#### **4. Consultation and Supervision Competence**

involves "the planned collaborative interaction between the professional psychologist and one or more clients or colleagues, in relation to an identified problem area or program" (Peterson, Peterson, Abrams and Stricker, 1997, p. 380) and the capacity to exercise supervisory skills, which include knowledge of the ethical codes, laws, regulations and values that determine an ethical approach to psychological practice. The ability to teach others to develop competent clinical intervention skills is also part of the competency.

**Goal #6:** To provide training experiences so that all graduates will possess the skills necessary to conduct effective clinical supervision and consultation with other professionals.

Objective 16: Students will possess the necessary skills to conduct clinical supervision and professional consultation.

#### **5. Professional Development Competence:**

Peterson, Peterson, Abrams and Stricker (1997) identified relationship competence as including "a) intellectual curiosity and flexibility, b) openmindedness, c) belief in the capacity for change in human attitudes and behavior, d) appreciation of individual and cultural diversity, e) personal integrity and f) belief in the value self-awareness." Kaslow (2004) refers to a similar competency as professional development. The emphasis on professional development has the advantages of being more inclusive and consistent with a developmental approach to training. She includes a)"interpersonal functioning operationalized as "social and emotional intelligence, the capacity to relate effectively with others, developing one's own professional approaches and persona, internalizing professional standards, seeing one's self as a cultural being, and understanding the impact of one's own culture on

interactions with others". b) "Critical thinking implies thinking like a psychologist, that is assuming a psychological and scientific approach to problem solving and c) "self-assessment, or the capacity for self-reflection, possessing an accurate assessment and awareness of one's own level of knowledge and skill, and using this information to gauge one's readiness to provide psychological services in specific areas of practice" (Kaslow 2004, pp 776-777). Students and graduates should be aware of their own biases, limitations, and distress signals and be capable and desirous of creating and maintaining safe and effective environments when providing psychological services. Our program focuses not only on the application of professional development competency with clinical populations, but also on how such change impacts on relationships with colleagues, supervisors and community professionals. In addition, an important aspect of professional development, or a central skill necessary for successful clinical practice is what Schon (1983) as described in Hoshmand and Polinghorne (1992), called "reflection-in-action", or a "capacity to keep alive, in the midst of an action, a multiplicity of views of the situation".

**Goal #7:** To provide training experiences so that all graduates will possess "emotional and social intelligence" and have the "capacity to relate effectively with others" and for "selfassessment" (Kaslow, 2004).

Objective 17: Students will demonstrate evidence of professional development as it is operationalized in Goal #7 to effectively carry out all clinical responsibilities.

Objective 18: Students will demonstrate professional development as described in Goal#7 to effectively develop and maintain successful contacts with their colleagues.

#### **6. Specialty Competence (Elective**

**Concentration Competence)** includes the development of advanced knowledge, skills and attitudes in at least one of three elective concentration areas; serious and persistent mental illness, developmental disability or family violence.

**Goal #8:** To provide a training experience so that program graduates will have the knowledge, attitudes and skills to provide professional services to individuals and groups involved in serious and persistent mental illness, developmental disabilities or family violence.

Objective 19: Students will demonstrate knowledge of the theoretical and research literature in at least one of the concentration areas.

Objective 20: Students will possess advanced clinical knowledge and skills in at least one of the concentration areas.

Following successful completion of the program and all experience requirements, graduates of the program are eligible to sit for the New York State licensing examination. Each candidate should consult the Psychology Handbook (New York State Education

Department, 1990) as soon as possible in order to become familiar with training and experience requirements as well as regulations and laws that relate to the independent practice of psychology. Copies of the Handbook are available in the Program Office.

The professional placement and satisfaction of our graduates are two critical outcome measures of program success. Therefore, graduates can expect to be contacted on a regular basis in order to complete program outcome evaluations which will include information about employment and professional development. The program and APA are regularly monitoring these outcome measures.

#### **Program Requirements**

The program requires a full-time [year-round] commitment in each of the four years of residency. The fifth year is spent in completion of a full-time clinical internship. Students are regularly evaluated by the faculty and clinical supervisors. Evaluations reflect continued broadening of knowledge, personal and emotional development, and an ability to employ increasingly sophisticated clinical procedures. Steady development in each area is required for the student to progress in the program.

#### **Specific requirements for the degree are:**

- satisfactory completion of 89 credits in general, clinical, professional, and elective concentration courses;
- evaluations that reflect appropriate development of professional skills and judgment;
- satisfactory completion of a clinical competency evaluation consisting of a case presentation, analysis, and defense;
- satisfactory completion of year-long externships in the second, third and fourth years, and the full-time internship in the fifth year of the program
- completion of an acceptable doctoral dissertation usually in the student's elective concentration area, including an oral presentation of findings and conclusions.

Once an applicant is accepted for admission, every effort is made to assist the candidate in the successful and timely completion of the program. Each student is provided with a faculty and peer advisor. Student support groups, instructors, and supervisors are available to help integrate the stresses and challenges of doctoral training into professional growth. Continued and reasonable expansion of professional knowledge, skills and values is the basic guidepost of a student's successful evaluation.

#### **CURRICULUM**

The Clinical Psychology Doctoral Program requires four years of full-time residence. The total number of credits required to graduate is 115. Of these credits 89 are for academic courses and 26 credits are for practica/externships/supervision courses. There are five basic competency areas, each of which includes a sequence of comprehensive courses. Area one deepens the students' knowledge of basic psychological concepts and principles. There are six required

courses in this first area. Area two is the clinical core, which consists of courses in assessment, psychopathology, psychotherapy and ethics. This area, the largest, includes twelve required courses designed to train students in the basic understanding of psychopathology, methods of assessment with different groups, and the approaches for intervening with people who have problems in living. The courses address different populations, modalities and theoretical models. Area three is the research core. Three courses in statistics and research methodology prepare students for understanding the role of research in clinical practice and two independent courses are designed to help the student complete a doctoral dissertation. Area four is a series of six seminars which focus on issues of professional development, including learning about clinical psychology in the public interest, professional socialization, clinical supervision and the "psychological life of mental health organizations". The fifth area is a series of two courses where the student receives beginning level training in the application of his or her clinical knowledge and skills to specific client populations and their problems. The three elective concentrations are family violence, developmental disabilities and serious and persistent mental illness. In addition, students may choose to take elective courses, such as marital therapy or family therapy (usually offered during summer sessions).

#### **Clinical Orientations**

Although the practice of clinical psychology is informed by a number of theoretical approaches, students in this program receive substantial didactic and practical training in two major orientations, cognitive-behavioral and psychoanalytic. One or both of these orientations influence most academic courses and both orientations are a critical part of each student's clinical experience. For example, all second year students placed in the program's Psychological Services Center, receive psychotherapy supervision from at least two supervisors, one psychoanalytic and the other cognitive-behavioral. As a result of this experience, our graduates have the background and tools to practice with one or both models. This provides them with considerable professional flexibility, necessary in the world of changing demands and possibilities.

#### **CLINICAL TRAINING**

The clinical externships in the second, third and fourth years are critical to the training of every candidate. Sixteen hours per week are required in the second, third and fourth years of training. Students receive a total of fourteen credits for externship work. The second year placement is fulfilled on campus at the Psychological Services Center. Externship sites are available in the three elective concentration areas, as well as in more general clinical areas. The program is currently affiliated with more than 50 externship sites in a variety of settings, including inpatient, outpatient, and community mental health facilities.

#### **OTHER PROGRAM REQUIREMENTS**

##### **Workshops**

##### **Project S.A.V.E.:**

Students must complete before beginning PSC Practicum Placement. Available through LIU Post's School of Continuing Education

##### **Child Abuse Identification & Reporting:**

Available through LIU Post's School of Continuing Education

##### **H.I.V. Workshop for Psychologists:**

Offered every 2-3 years by the LIU Post Clinical Psychology Doctoral Program

#### **CLINICAL AND DISSERTATION MILESTONES**

##### **Clinical Competency Evaluation**

Must be scheduled by the student by June 15 of his/her fourth year. Students must pass their CCE before applying for internship that fall for the following academic year.

##### **Dissertation Proposal**

Completed, generally, in the fall of student's fourth year.

##### **Dissertation Defense (associated courses: PSY 838, 839 and 842)**

Students must defend their dissertations and hand in a bound copy, with the signatures of their dissertation committee members, to the program in order have this requirement considered complete.

#### **PSYCHOLOGICAL SERVICES CENTER**

The Psychological Services Center (PSC) is a private, nonprofit mental health facility operated by the Clinical Psychology Doctoral Program at LIU Post. The clinic operates with the objectives of providing diverse psychological services to all members of the local community as well as serving as a training facility for the LIU Post Clinical Psychology Doctoral candidates.

The PSC is staffed by second-year graduate students earning their doctoral degrees in clinical psychology. The graduate student-therapist's work is closely supervised by licensed clinical psychologists who are faculty members of the Department of Psychology, as well as licensed clinical psychologists from the Long Island community who serve as Adjunct Clinical Supervisors.

The Psychological Services Center is located in Lodge A on the LIU Post campus, 720 Northern Boulevard, Brookville, New York, 11548-1300. See the campus map. The phone number is 516-299-3211.

#### **ADMISSIONS REQUIREMENTS AND PROCEDURES**

An applicant's eligibility for admission to the Doctoral Program in Clinical Psychology is based on evidence of intellectual aptitude, personal maturity and commitment to psychology in the public interest. Applicants must hold at least a bachelor's degree in psychology or a related field from an accredited college or university and have some clinical experience. In addition, applicants must have a minimum of 18 credit hours of psychology, including courses in Statistics, Research Design or Methods, Personality, and

Abnormal Psychology, and competitive GRE scores in each of the aptitude subtests & the Advanced Psychology test. Admission decisions will be based on the following factors: academic proficiency, professional accomplishments, proposed intellectual focus, potential for completing a rigorous program, as well as a desire to work with underserved communities. After an initial review of applications and supporting documents, some applicants will be invited for a personal interview with at least two faculty members.

Applications to the Psy.D. program are accepted for the fall semester only. All application materials must be received by the January 15 deadline, including transcripts, letters of recommendation, statement of purpose, statement of research/inquiry, writing sample, Graduate Record Examination (GRE) test scores, a c.v./resume and non-refundable application fee. All requested materials should be submitted to the Graduate Admissions Office. The Psy.D. Program does not accept applications for the Spring semester admission.

#### **1. Required Admissions Application**

Applicants to the Psy.D. Program must complete the LIU Online Application for Admission at [www.liu.edu/cwpost/onlineapp](http://www.liu.edu/cwpost/onlineapp).

- For the field "Campus", select "LIU Post"
- For the field "Admit type", select "Graduate" or "International Graduate" as appropriate
- For the field "Admit term", select "Fall"
- For the field "I'll be applying as", select "full time"
- For the field "Intended major", select "Psychology-Clinical PSY.D."

#### **2. Application Fee**

Mail a non-refundable application fee of \$40 by either check or money order (made payable to LIU) or contact the Bursar to submit fee via credit card. Please write your name on the check or money order. International applicants must pay the fee in U.S. dollars by sending an international money order or check. You can also pay by credit card by printing the Credit Card Authorization form on the Bursar website at [www.liu.edu/cwpost/bursar](http://www.liu.edu/cwpost/bursar) or by calling 516-299-2323. Cash, international postal money orders or Eurochecks are not accepted.

#### **3. Transcripts**

Request one official copy of your undergraduate and graduate transcript(s) from any college(s) you have attended. You may have the transcript(s) sent directly to the Graduate Admissions Office at LIU Post, or you may wish to have them sent to you. In that case, you should submit the transcripts in the original sealed envelope as part of your application packet. Photocopies or student copies are not considered official.

#### **4. Letters of Recommendation**

Three letters of recommendation are required. These letters should be written by persons who can comment from personal knowledge on the

academic and/or professional qualifications of the applicant. Applicants to the Psy.D. Program must submit one letter of recommendation from a current or former instructor or professor.

Employers, former instructors or professional colleagues of status may write the second and third letters of recommendation.

#### **5. Personal Statement**

Write a statement describing your personal educational and professional goals and discuss what you hope to gain from doctoral study at LIU Post. You may submit your Personal Statement as part of the online application. The statement should be one to three pages in length.

The statement should be one to three pages in length, typed and double-spaced. We prefer double-sided if possible. Be sure to include your full name and page numbers in the upper-right-hand corner of each sheet and include the heading "Personal Statement" on the top of each page. Because our Doctoral program is specifically geared to training clinical practitioners, your personal statement should address each of the following:

1. Your specific goals in applying to the Doctoral Program in Clinical Psychology.
2. The scope and nature of any prior clinical experience.
3. In addition to general training in the practice of clinical psychology, the LIU Post doctoral program emphasizes training in the program's current specialty concentration areas: Applied Child Psychology, Family Violence, and Serious and Persistent Mental Illness. Please elaborate any interest you may have in one of these three concentration areas. This statement is a preference, not a commitment. Students make a formal commitment to one of the areas in the spring of the second year in the program.

#### **6. Statement of Research/Inquiry**

Write a statement describing your primary areas of research or inquiry interest. The statement should be one to three pages in length. You may submit your statement as a hard copy.

Be sure to include your full name and page numbers in the upper-right-hand corner of each sheet. Include the heading "Statement of Research/Inquiry" on the top of the page.

#### **7. Curriculum Vitae/Résumé**

Submit a curriculum vitae or résumé that includes clinical experience. Be sure to include your full name and page numbers in the upper-right-hand corner of each sheet.

#### **8. Graduate Admissions Test**

Applicants are required to submit scores for the general test (verbal, quantitative and written) of the Graduate Record Examination (GRE) and the subject GRE in Psychology. It is the applicant's responsibility to request that the Educational Testing Service (ETS) forward official copies of GRE scores directly to the LIU Post Graduate Admissions Office. Inquiries concerning this testing program and application to take the tests should be addressed to the Graduate Record

Examinations, Educational Testing Service at <http://www.gre.org>, or call 1-800-GRE-CALL. LIU Post's Educational Testing Service Code is 2070.

#### **9. Sample of Scholarly Work**

A sample of a published work or other scholarly writing (Not required, but strongly suggested; limited to 10 pages; this can be a portion of any academic or clinical writing you have done). Be sure to include your full name and page numbers in the upper-right-hand corner of each sheet. Include the heading "Sample of Scholarly Work" on the top of each page.

#### **10. International Students – Degree Requirements**

International applicants must complete the LIU Online Application for Admission at [www.liu.edu/cwpost/onlineapp](http://www.liu.edu/cwpost/onlineapp) (select "International Graduate" in the field 'Admit Type' and select "Psychology-Clinical PSY.D." in the field "Intended Major.") Applicants who do not have a master's degree from a U.S. institution must also submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 100 Internet-based (250 computer based or 600 paper-based) or minimum IELTS score: 7.5. International students whose native language is English, or who have received a degree from an accredited college or university where the **only** medium of instruction is English, may have the English Language proficiency requirement waived. The waiver is determined on an individual basis following a review of the student's application.

Send application materials to:  
Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, NY 11548-1300

#### **Personal Enrichment**

Program graduates may take courses in the Program provided that they:

- Complete and submit a "Personal Enrichment/Visiting Student" application to the Program, along with an application fee; and,
- Meet with the Program Director and Instructor of the course for approval

Unfortunately, the program cannot accommodate visiting students enrolled in other graduate or doctoral programs into its required curriculum courses. Visiting students may apply to take the elective courses, given that there is room in the course and on the approval of the instructor.

#### **Transfer Credits and Advanced Standing**

Because of the unique nature of the program, a maximum of 12 transfer credits will be granted judiciously. If a student wishes to be considered for transfer credit, those credits must be in graduate courses taken within the last five years with at least a grade of B. All applications for transfer credits must be submitted to the program by the spring of the 1st year.

Other advanced standing status requests may be

considered. Note that financial aid from the program will not be available to students who receive Advanced Standing status. Contact the program directly for information on applying for Advanced Standing.

#### **Financial Aid**

Students in the first three years of the program can be expected to receive between \$10,000 and \$25,000 in financial aid. In rare exceptions, students in the 4th year of the program can receive up to \$10,000 in financial aid. The department funds doctoral students in three main ways (Work scholarships, Teaching Assistantships, and Fellowships). In addition, the department, the University, and individual students supplement these funds from a number of other sources. All students expecting aid from the program must complete the Free Application for Federal Student Aid (FAFSA), regardless of whether or not they will be requesting federal monies.

**PsyD Scholarship:** As a research assistant, you will assist a professor with his or her research for six hours a week during the academic year. These assistantships pay \$10,000 and up per academic year (September-May).

**Teaching Assistantship:** Students teach their own section of Introduction to Psychology to undergraduates at LIU Post. These positions pay \$10,000 and up per academic year (i.e. for teaching two sections of an Introduction to Psychology course).

**Fellowships to Reduce Mental Health Service Disparities:** The purpose of this funding program is to encourage our students to work with certain groups (low SES, African Americans, Hispanics, immigrants, people with physical disabilities, and gay/lesbian/bisexual/transgendered people) after they graduate from our program by providing a financial incentive to gain experience and expertise with these groups while a doctoral student at LIU Post. In order to be eligible for this fellowship, a student must plan to devote a significant percentage of his/her career to working with members of at least one of these groups. To apply, a student does not have to belong to one of these groups. He or she must simply want to work with clients from at least one of these groups upon graduation. These Fellowships pay \$22,000 per academic year and are renewable for the first three years, as long as the student remains in good standing.

**Safe Zone Coordinator Fellowship:** Each year, the coordinator of the Safe Zone Project will receive a fellowship equivalent to the size of the fellowships intended to reduce mental health disparities.

**Research Grant Funding:** Faculty and students in the doctoral program regularly apply for funding to conduct research. Such funding may include payment for graduate research assistants.

**Other Sources of Funding:** Program and practice assistantships are often available through external organizations which are associated with the program and/or with which program faculty

collaborate. These are typically offered through a separate application process with the organization.

**Supplementary Departmental Financial Aid Based on Need, Merit, & Under-represented Ethnic Minority Status:**

The department will provide between \$3,000 and \$6,000 per year to students who demonstrate a high degree of need, to students who are particularly high performing, and to students who are from underrepresented ethnic-minority groups.

**Student Health Insurance**

Commuter Student Health Insurance is available to all first-year students. In the second, third, fourth, and fifth years (while the student is in clinical placement settings), all students must have health insurance. Compulsory health insurance will be applied to each student's bill every fall, but can be waived by the end of October of each academic year.

**Program Governance**

The Doctoral Training Committee (DTC) is the main governing body of the Clinical Psychology Doctoral Program. Its members include: the Program Director, all core faculty, the Psychological Service Center Director, the Psychology Department Chairman, one Psychology faculty representative, one student representative from every student group, and one student representative for every class year.

**Student Progress Evaluation**

Further elaboration of the program's policies on academic standing and policies are available in the Student Handbook, accessible on our Web site and handed out to all incoming first year students.

**Academic Performance**

The time limit for completing the Clinical Psychology Doctoral Program is seven years from the date of enrollment. Students may, in the spring of their 7th year, request an extension via a formal letter to the DTC. Students cannot take more than 8 years to complete the program.

**Academic Evaluation**

The grading scheme for all doctoral courses can be found on individual instructors' syllabi. The grading scheme is standard across all courses. Students are also rated using the Academic Competency Evaluation form, which rates all foundational competencies as well as the relevant core competencies (which varies by course).

Evaluation of students' dissertation progress is monitored by the committee chair and the program director. Dissertation defenses are evaluated on the basis of competencies.

**Clinical Work Evaluation**

Student externs and interns are evaluated bi-annually by the extern/internship supervisors. All evaluations are reviewed by the Director of Clinical Training and the students' advisor. The Clinical Competency Evaluation is one of the required milestones for all students completing their 3rd year externship. The CCE must be passed before students are allowed to apply for internship.

**Academic Conduct**

Academic irregularities or dishonesty, such as

plagiarism and cheating, may result in an automatic failure in a course and dismissal from the program.

**Unsatisfactory Academic Performance**

A student whose academic performance is below competency level (i.e., a B in course grades and a 2 on all relevant competency ratings) will be placed on probation and be required to formulate a remediation plan with their advisor and one faculty member. Remediation can be the result of poor grades, lower than expected competencies, ethical issues, or failures to meet required deadlines.

Other relevant policies are discussed in the Student Handbook, given to all students in their first year.

**Unsatisfactory Clinical Work Performance**

A student whose clinical work is rated as below the expected competency level will be required to meet with the Director of Clinical Training and their faculty advisor. Other relevant policies are discussed in the Student Handbook, given to all students in their first year.

**Leave of Absence**

A student requesting a leave of absence must write a formal letter to the Program Director stating reasons for the request, an estimated return to study date, and a plan for completion of the program. Leaves are granted on a caseby- case basis. If granted, the time away will not count towards the 7-year limit.

**Student Groups**

The **Doctoral Student Association (DSA)** is the student organization for the program that meets on a monthly basis to discuss the needs, concerns and various areas of interest of the doctoral students. This organization seeks to enhance the students' professional development and training. Membership is open to all fulltime doctoral students in the program.

**Peer-Advisement System:** All first year students are assigned upper-class students who serve as peer advisors.

**Students for Multiculturalism Awareness in Research & Training (S.M.A.R.T.)**

is an organization maintained and run by the program's doctoral students. Its primary aim is to promote and advocate for continued education and training in issues pertaining to diversity and under-served populations within the doctoral program in clinical psychology at LIU Post. Our interests include, but are not limited to poverty, ethnic/cultural diversity, race, sexual orientation, identity, and disability, to name a few. SMART committee members organize activities and outings to provide an atmosphere for learning and discussion. Previous activities have included obtaining a grant enabling us to invite renowned psychologists to provide colloquium lectures to the department, movie nights, and international pot luck dinners.

**SafeZone**

The Safe Zone Project is a diversity training program that was adapted by the LIU Post Clinical Psychology Doctoral Program to increase the doctoral students' sensitivity, awareness and knowledge of important issues that concern

lesbian, gay, bisexual and transgender (LGBT) individuals. In an effort to provide clinical doctoral students with training that will help foster LGBT-affirmative attitudes and engender LGBT-sensitive psychologists, the program provides a Safe Zone training that is mandatory for all entering students enrolled in the program. By bearing some of the responsibility of training individuals to competently and ethically work with LGBT individuals and related issues, the Safe Zone Project is an integral part of the program's effort to respond to the American Psychological Association's call to clinical training programs for the promotion of knowledge and training in human diversity. Although the Safe Zone Project does not provide comprehensive clinical training for treating those with LGBT-specific problems, or sexual and gender identity/orientation issues, the training does prepare a new generation of students to be more informed, sensitive, and ultimately better clinicians to the LGBT community. The Safe Zone Project offers the opportunity for a dialogue about diversity and endorses the program's provision of an atmosphere that respects all individuals, regardless of sexual orientation, ethnic background, age, ability, and gender.

**Alumni Council**

Formed in 2007, the Alumni Council is made up of alums from the first graduating class to the latest graduating class. The group meets bi-annually and as needed.

**Program Publications**

The program publishes *The Participant Observer* on a bi-annual basis. This publication includes doctoral student, faculty, and alumni submissions. *Get a Grip:* the weekly e-newsletter of the Clinical Psychology Doctoral Program at LIU Post which keeps the program community informed of program events, outside conferences, and job opportunities.

**Psy.D. in Clinical Psychology**

**Requirements**

**Required First-Year Courses**

All of the following:

PSY	803	Cognitive and Neuropsychological Assessment	3.00
PSY	803L	Cognitive and Neuropsychological Assessment Laboratory	0.00
PSY	804	Personality Assessment	3.00
PSY	804L	Personality Assessment Laboratory	0.00
PSY	806	Advanced Adult Psychopathology	3.00
PSY	807	Behavioral Assessment	3.00
PSY	807L	Behavioral Assessment Laboratory	0.00

PSY 810	Clinical Psychology in the Public Interest	3.00
PSY 820	Behavior Analysis	3.00
PSY 824	Developmental Psychology: Lifespan	3.00
PSY 826	Clinical Interviewing	3.00
PSY 851	Assessment of Children	3.00
PSY 851L	Assessment of Children Laboratory	0.00
PSY 861	Child and Adolescent Psychopathology	3.00

**Required Second-Year Courses**

**All of the following:**

PSY 801	Psychological Statistics I	3.00
PSY 802	Psychological Statistics II	2.00
PSY 805	Integrating Test Findings and Report Writing	3.00
PSY 805L	Integrating Test Findings and Report Writing Laboratory	0.00
PSY 811	Ethical Practice in Clinical Psychology	3.00
PSY 821	Cognition, Perception and Cognitive Therapy	3.00
PSY 822	Individual Intervention: Psychodynamic	3.00
PSY 830	Professional Development Seminar: Case Supervision I	3.00
PSY 837	Introduction to Clinical Research	3.00
PSY 840	Professional Development Seminar: Case Supervision II	3.00
PSY 865	Treatment of Children and Adolescents	3.00
PSY 878	Group Intervention Supervision I	3.00
PSY 879	Group Intervention Supervision II	3.00
PSY 891	Psychological Clinic Practicum I	3.00
PSY 892	Psychological Clinic Practicum II	3.00
PSY 893	Psychological Clinic Practicum III	3.00

**Required Third-Year Courses**

**All of the following:**

PSY 844	Biological Basis of Behavior	3.00
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PSY 850	Professional Development Seminar: Benefiting from Supervision	3.00
PSY 853	Group Psychotherapy	3.00
PSY 860	Professional Development Seminar: Preparation for the Clinical Competency Exam (CCE)	3.00
PSY 894	Clinical Externship I	1.00
PSY 895	Clinical Externship II	1.00
PSY 896	Clinical Externship III	1.00

**Required Fourth-Year Courses**

**All of the following:**

PSY 897	Clinical Externship IV	1.00
PSY 898	Clinical Externship V	1.00

**Required Third- or Fourth-Year Courses**

**All of the following:**

PSY 852	Social and Community Psychology	3.00
PSY 862	History and Systems of Psychology	3.00
PSY 864	Cultural Issues in Psychology and Psychotherapy	3.00
PSY 880	Supervision and Management of Mental Health Professionals	3.00

**Required Capstone Courses**

**All of the following:**

PSY 838	Doctoral Dissertation I	3.00
PSY 839	Doctoral Dissertation II	3.00
PSY 841	Full-Time, Year-Long Internship	0.00

**Students must choose a concentration in Applied Child, Developmental Disabilities, Family Violence or Serious and Persistent Mental Illness.**

**Applied Child Concentration Requirements**

**Required Applied Child Courses**

**All of the following:**

PSY 849	Consultation in Multicultural School Settings	3.00
PSY 859	Evidence-Based Psychological Interventions in Schools	3.00

**Developmental Disabilities**

**Concentration Requirements**

**Required Developmental Disabilities Courses**

**All of the following:**

PSY 848	Concentration: Theory and Research in Developmental Disabilities	3.00
PSY 858	Concentration: Clinical Applications in Developmental Disabilities	3.00

**Family Violence Concentration Requirements**

**Required Family Violence Courses**

**All of the following:**

PSY 846	Concentration: Theory and Research in Family Violence	3.00
PSY 856	Concentration: Clinical Applications in Family Violence	3.00

**Serious and Persistent Mental Illness Concentration Requirements**

**Required Serious and Persistent Mental Illness Courses**

**All of the following:**

PSY 847	Concentration: Theory and Research in Serious and Persistent Mental Illness	3.00
PSY 857	Concentration: Clinical Applications in Serious and Persistent Mental Illness	3.00

**Psy.D. in Clinical Psychology**

**Additional Requirements**

**Minimum Total Credits = 115**

**Minimum G.P.A. = 3.00**

## Psychology Courses

### PSY 606 Statistics in Psychology

A graduate-level treatment of descriptive and inferential univariate statistics. Data analysis using SPSS will be studied in conjunction with the theoretical material.

*Credits: 3*

*Every Spring*

### PSY 607 Experimental Methods in Psychology I

The major focus of this course is on the design, execution and evaluation of single-case research designs. Topics to be considered include a discussion of the history and philosophy of behavior analysis, a discussion of experimental control, and single-case research techniques and examples from both experimental and applied behavior analysis. Data presentation methods including the use of Microsoft Excel will also be discussed.

*Credits: 3*

*Every Fall*

### PSY 608 Experimental Methods in Psychology II

This course covers the design, execution, and evaluation of psychological research using group designs. Representative topics include between and within group designs, random assignment, and questionnaire construction. Data collection via the Internet is emphasized.

*Prerequisite of PSY 607 is required.*

*Credits: 3*

*On Occasion*

### PSY 610 Behavioral Assessment

Behavioral assessment is designed to identify, specify, and measure specific behaviors and client goals, and to design intervention strategies for individual clients relative to these behaviors and goals.

*Credits: 3*

*On Occasion*

### PSY 614 Social Psychology

This course is a discussion of fundamental issues in contemporary social psychology, together with an evaluation of theory, experimental methods and research trends.

*Credits: 3*

*On Occasion*

### PSY 616 Personality

The theories of personality are examined from a dual viewpoint: the historical development of theories of behavior and a critical evaluation of these theories in the light of current research.

*Credits: 3*

*On Occasion*

### PSY 651 Behavior Analysis and Learning

This course provides (1) an introduction to the major theories dealing with conditioning and learning, and (2) a systematic analysis of the current

data obtained from animal learning experiments in the areas of reinforcement theory, stimulus control and aversive control.

*Credits: 3*

*Every Fall*

### PSY 652 Perception and Cognition

An examination of the principles of perception and cognition, with a focus on their interaction.

*Credits: 3*

*Every Spring*

### PSY 653 Developmental Psychology

This course explores major theories, developmental norms and experimental research on development throughout the life span. The focus is on the psychosocial development of the self in the historical, sociocultural and physical environmental contexts. Special attention is given to ethnic and cross cultural similarities and differences, the impact of the information age, and to the active role of the individual in his/her developmental journey.

*Credits: 3*

*On Occasion*

### PSY 655 Psychopathology

The etiology, symptomatology and dynamics of major mental disorders are discussed. Neuroses and psychoses, and the classification and systematic presentation of organic and nonorganic clinical patterns are presented. A discussion of current literature is included.

*Credits: 3*

*Every Spring*

### PSY 657 Applied Behavior Analysis

This course examines the theory and practice underlying the application of principles of classical and operant conditioning to the analysis and treatment of problems in human behavior.

*Credits: 3*

*Every Spring*

### PSY 658 Ethics, Professional Development and Practicum in Applied Behavior Analysis

This course will have both a classroom component and a practicum requirement. In class, students will meet weekly to discuss issues related to applied behavior analysis. These issues will include ethics, issues relating to professional development and evaluation of specific clinical interventions.

Students will be expected to present clinical cases for the class to discuss. For the practicum portion of the course, students will work in the field under the supervision of a qualified behavior analyst in a setting of their choice for a minimum of five hours per week. Practicum settings include, but are not limited to, agencies serving people with developmental disabilities, consulting firms, research facilities, hospitals and schools.

*Credits: 3*

*Every Fall, Spring and Summer*

### PSY 660 Current Issues in Applied Behavior Analysis

This course is designed to provide information about the current issues facing behavior analysts. Topics may include ethical issues in providing ABA services, state and local licensing of behavior analysts, discussion of evidence-based treatment, and the role of punishment in behavior analysis.

*Prerequisite of PSY 657 is required.*

*Credits: 3*

*On Occasion*

### PSY 661 Psychological Assessment

This course deals with the theories of intelligence, the history of the intelligence testing movement, and the administration, scoring, interpretation and reporting on the major tests of intelligence for all ages. Emphasis is placed upon the Stanford-Binet Intelligence Scale, WPPSI, WISC and WAIS. The use of specialized tests of intelligence for select handicapped populations (blind, deaf, etc.) is explored. The course includes supervised practical experience.

*Credits: 3*

*On Occasion*

### PSY 664 Theory and Practice of Psychotherapy

This course is a survey of major theories of individual intervention and includes an introduction to basic techniques used in a one-to-one counseling situation.

*Credits: 3*

*Every Fall*

### PSY 666 Psychopharmacology

This course is a study of the neuropharmacological and behavioral effects of psychoactive drugs including stimulants and antidepressants, anti-anxiety agents, antipsychotics, hallucinogens or psychotomimetics, cannabis preparations and the opiates.

*Credits: 3*

*On Occasion*

### PSY 703 Neuropsychological Bases of Behavior

A systematic study of the neuroanatomical and neurophysiological mechanisms mediating behavior. Emphasis is placed on sensory systems and on mapping these systems within the brain. Neurological and psychological disorders are discussed with respect to the affected brain. Methods and techniques used in the investigation of neural correlates of behavior are demonstrated in the laboratory.

*Credits: 3*

*Every Fall*

### PSY 704 Advanced Issues in Psychology I

This course is the advanced treatment of topics of current theoretical interest.

*Credits: 3*

*Every Fall and Spring*

**PSY 705 Advanced Issues in Psychology II**

This course is the advanced treatment of topics of current theoretical interest.

*Credits: 3*  
*Every Fall, Spring and Summer*

**PSY 707 Thesis Tutorial I**

Student receives guidance on the selection of problem and execution of the thesis experiment, followed by an oral defense of the thesis.

*Credits: 3*  
*Every Fall, Spring and Summer*

**PSY 708 Thesis Tutorial II**

Student receives guidance on the selection of problem and execution of the thesis experiment, followed by an oral defense of the thesis.

*Prerequisite of PSY 708 is required.*  
*Credits: 3*  
*Every Fall, Spring and Summer*

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**Clinical Psychology Doctoral Courses**

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**PSY 801 Psychological Statistics I**

This is the first course in a two-course sequence on research and statistical methods. The curriculum includes basic information about descriptive and inferential statistics. Year 2 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 3*  
*Every Spring*

**PSY 802 Psychological Statistics II**

This course is the continuation of the study of research and statistics that was begun in PSY 801. We cover multiple regression, logistic regression, factor analysis, PCA, meta analysis, and ANCOVA. Year 2 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 2*  
*Every Summer*

**PSY 803 Cognitive and Neuropsychological Assessment**

This course consists of three principal areas: 1) professional standards and test theory in psychological assessment; 2) preparation for administration, scoring and interpretation of objective test instruments (emphasizing intellectual assessment); and 3) general introduction to clinical neuropsychology. Lectures, demonstrations, and supervised practice in administration/interpretation of select testing instruments are included. Laboratory: 3 hours weekly. Year 1 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 3*  
*Every Fall*

**PSY 803L Cognitive and Neuropsychological Assessment Laboratory**

Required laboratory for PSY 803. Meets for 3 hours

weekly. Year 1 course.  
*Open to students in the Psy.D. plan only.*  
*Credits: 0*  
*Every Fall*

**PSY 804 Personality Assessment**

This course emphasizes the administration and clinical interpretation of both projective tests and self-report inventories of personality and psychopathology. Supervised practice in administration and analysis of test findings supplements lecture and in-depth examination of select case studies. Another major focus is the integration of findings from several tests and communication of results in preparing coherent reports. Laboratory: 3 hours weekly. Year 1 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 3*  
*Every Spring*

**PSY 804L Personality Assessment Laboratory**

Required laboratory for PSY 804. Meets for 3 hours weekly. Year 1 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 0*  
*Every Spring*

**PSY 805 Integrating Test Findings and Report Writing**

This course focuses on advanced clinical interpretation of psychological tests of intelligence, cognitive functioning and personality. Attention is directed toward integrating findings from test batteries, formulating clinical inferences about adaptive functioning, and describing personality functioning in depth. Laboratory: 3 hours weekly. Year 2 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 3*  
*Every Fall and Spring*

**PSY 805L Integrating Test Findings and Report Writing Laboratory**

Required laboratory for PSY 805. Meets for 3 hours weekly. Year 1 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 0*  
*Every Fall and Spring*

**PSY 806 Advanced Adult Psychopathology**

This course introduces the students to concepts of normality and abnormality. It covers basic theoretical models in conceptualizing how and why symptoms are formed and maintained, as well as the different etiological pictures entailed in various diagnostic categories (neuroses, character disorder, mood disorders, psychoses, trauma, psychosomatic disorders, and perversions). Psychopathology is considered from an historical perspective (ways in which different cultures define mental health and foster specific defensive structures, and how cultural factors enter into diagnosis and misdiagnosis of pathology). Year 1 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*  
*Every Spring*

**PSY 807 Behavioral Assessment**

This course provides both theoretical and practical knowledge of behavioral assessment. Distinction between traditional and behavioral assessment, psychometric principles, diagnostic considerations and treatment evaluation issues are included. Major behavioral assessment methods are reviewed and practiced.

Laboratory: 3 hours weekly. Year 1 course.  
*Open to students in the Psy.D. plan only.*

*Credits: 3*  
*Every Summer*

**PSY 807L Behavioral Assessment Laboratory**

Required laboratory for PSY 807. Meets for 3 hours weekly. Year 1 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 0*  
*Every Summer*

**PSY 810 Clinical Psychology in the Public Interest**

Students are familiarized with the program's mission through readings and discussions.

Questions are raised and discussed about: how to define the public interest; the role of psychotherapy in clinical psychology; whether managed care is in the public interest; and how clinical psychotherapy fits into history and the cultural context. Also, it is in the first semester that candidates begin to examine and address how their own values and biases enter into their relationships with clients, supervisors and staff. Special attention is paid to factors like gender, age, ethnicity and social/economic statuses which often enter in to each candidate's treatment of others. Year 1 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 3*  
*Every Fall*

**PSY 811 Ethical Practice in Clinical Psychology**

This course is devoted to the development of ethical and responsible clinical practice. Students learn to be sensitive to ethical decision-making models in the normal course of professional practice, and are exposed to various ethical decision-making models. General ethical principles, such as nonmaleficence, beneficence, justice, fidelity and autonomy, through processing of ethical dilemmas, are a central part of the course. Comparisons are made among ethical, regulatory, civil and criminal issues and violations. Learning how to integrate ethical guidelines with good clinical practice is the basic objectives of the course. Year 2 course.

*Open to students in the Psy.D. plan only.*  
*Credits: 3*  
*Every Fall*

**PSY 820 Behavior Analysis**

The purpose of this course is to introduce students to the theory, principles and research strategies in the study of animal and human learning as well as



the application of behavior analysis in clinical practice. Year 1 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Spring*

### **PSY 821 Cognition, Perception and Cognitive Therapy**

The course will review basic findings, theories and methodologies in the study of perception, cognition, and emotions in normal and abnormal behavior. Students will also be introduced to cognitive therapy conceptualization and the practice of empirically supported cognitive therapies. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

### **PSY 822 Individual Intervention: Psychodynamic**

This course is designed to educate students in the theory and practice of psychoanalytic psychotherapy. Basic concepts, such as transference, resistance, countertransference, working alliance, termination and interpretation, are examined through readings, presentations and examinations. Students are introduced to object relational, interpersonal and self-psychology approaches to Freudian treatment. Modification due to patient psychopathology and time limitations is also considered. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Spring*

### **PSY 824 Developmental Psychology: Lifespan**

Provides students with both theoretical and practical knowledge about the human lifespan including an in-depth understanding of the bio-psychosocial contributions in the development of the self. The course will familiarize students with the many challenges and opportunities that individuals confront at various ages in the lifespan and provide sensitivity training about the contributions that and individual's multicultural identity has on their unique personal development. Through supervised case presentations, students will be prepared to conduct interviews utilizing developmental theories and research, which are appropriate to the development level and stage of life of the individual. Year 1 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

### **PSY 825 Synthesizing Psychotherapy Models**

This is an advanced doctoral course for students who have already taken the basic individual intervention (psychotherapy) courses. The course focuses on the philosophical, theoretical and practical similarities and differences between the psychodynamic and cognitive-behavioral approaches, the "common-factors" issues, integration or eclectic models, and other approaches to psychotherapy.

*Credits: 3*

*On Occasion*

### **PSY 826 Clinical Interviewing**

This course introduces the beginning doctoral student to the basic elements of the psychological interview. The course begins with the topics such as the first meetings, listening, note-taking and establishing rapport. Later topics include history taking, mental status exams, special patients, recommendations and communicating findings. Year 1 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

### **PSY 830 Professional Development Seminar: Case Supervision I**

This seminar will aim to facilitate candidate confidence and skill as clinicians. It uses lecturing, reading materials, case materials from formal student presentations and informal student participation to accomplish its goals. The seminar demonstrates the use of a psychoanalytic lens in the conceptualization of patient issues, the formulation of treatment process, and the recognition of therapy as an intrapsychic/interactive process between patient and therapist. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

### **PSY 837 Introduction to Clinical Research**

In this course students apply the critical thinking and rigorous methodologies of science to the practice of clinical psychology. The course will focus on research design as well as research strategies relevant to practitioners, and will provide a foundation of research and evaluation competencies that will help prepare students to complete the doctoral dissertation, as well as to consume and conduct research as psychologist. The course will cover both quantitative and qualitative methods. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

### **PSY 838 Doctoral Dissertation I**

Student must have dissertation committee chair chosen. Year 3 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Spring*

### **PSY 839 Doctoral Dissertation II**

Student must have dissertation topic and dissertation committee members (2) chosen. Year 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

### **PSY 840 Professional Development Seminar: Case Supervision II**

This seminar will aim to facilitate candidate confidence and skill as clinicians. It uses lecturing, reading materials, case materials from formal student presentations and informal student participation to accomplish its goals. The seminar demonstrates the use of a psychoanalytic lens in the conceptualization of patient issues, the formulation of treatment process, and the recognition of therapy as an intrapsychic/interactive process between patient and therapist. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

### **PSY 841 Full-Time, Year-Long Internship**

The fifth year of the program is spent at a full-year, full-time clinical internship. Various sites are available and most often students choose a site in their concentration area. Student must apply to internships sites, which vary in deadline and acceptance rate. Students must be accepted to and complete an internship program accredited by the American Psychological Association or listed as a member of the Association of Psychology Postdoctoral and Internship Centers (APPIC). PSY 841 is a requirement for completion of the program and receipt of the degree. Internship generally begin in June of the fourth year or September of the fifth year. Year 4 or 5 course. This course has a special fee.

*Open to students in the Psy.D. plan only.*

*Credits: 0*

*Every Fall and Summer*

### **PSY 842 Dissertation Supervision Continuation**

Beginning in the fifth year or when all required program courses excluding internship have been completed, students are required to register for dissertation supervision continuation each fall and spring semester until they successfully defend their dissertation. If a student successfully defends their dissertation before the fall semester of their fifth year, this course will be waived. A bound copy of the dissertation must be submitted to the program. Year 5 course. This course has a special fee.

*Open to students in the Psy.D. plan only.*

*Credits: 0*

*Every Fall and Spring*

### **PSY 844 Biological Basis of Behavior**

The purpose of this course is to study the brain through the examination of the nerve cell. Structure and function of the nervous system will be covered, along with neurotransmission and clinically relevant brain anatomy. Methods and techniques are used in the investigation of neural pharmacological aspects of mental health practice. Year 3 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

**PSY 846 Concentration: Theory and Research in Family Violence**

The purpose of this course is to highlight a segment of the larger topic of violence by focusing on violence in the home. This research and theory course provides epidemiological, descriptive and theoretical information on the significant areas of child abuse, spouse abuse and sexual abuse. In addition to the scope of the problem, characteristics of the offender, the victim and the witnesses will be described, and the dynamics of their relationships will be analyzed. Following theoretical explanations from psychodynamic, cognitive-behavioral and family systems perspectives, students will review the current state of clinical research in the area of family violence as well as the methodological limitations and conceptual inadequacies. Students will critique current clinical research and propose innovative and rigorous research ideas. Year 3 or 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Alternate Fall*

**PSY 847 Concentration: Theory and Research in Serious and Persistent Mental Illness**

The seriously mentally ill represent a unique category of patients suffering from exceptionally long episodes of suffering and adjustment difficulties. These difficulties stem from the intensity of the illness, both psychological and biological, and are manifested in social, interpersonal, family and community problems. Many such patients are treatment refractory and await the continued integration of science and clinical care for hopes of improvement. This course examines the psychology of serious mental illness, exploring etiological, treatment, outcome, and mental health policy issues. Year 3 or 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Alternate Fall*

**PSY 848 Concentration: Theory and Research in Developmental Disabilities**

The purpose of this concentration seminar is to provide solid background in theory, research and practice with people who are developmentally disabled. Topics in this first course include definitions, classifications, and epidemiology of developmental disabilities, models of intelligence, diagnostic procedures, strategies for research and research outcome in developmental disabilities. Year 3 or 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Alternate Fall*

**PSY 849 Consultation in Multicultural School Settings**

In this course, students will study theories of mental health consultation and organizational change as they apply to instructional settings. They will learn to analyze a school's culture and

organization in order to act as a positive change agent. They will also study ways of developing consultative relationships with colleagues, parents and community agency personnel in order to develop intervention plans for children in schools. Skills crucial to effective consultation and ethical guidelines for practice will be identified and used. Students will learn about issues pertaining to consultation in multicultural settings. Year 3 or 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Alternate Spring*

**PSY 850 Professional Development Seminar: Benefiting from Supervision**

This course is designed to provide a link between the doctoral program and the first semester for external field placement experiences (externships). Structured exercises and assignments are designed to produce productive discussions about the externship experience including adjusting to new work environments, new administrative structures and requirements, new patient populations, and new supervisory styles. Students are also guided through the process of selecting potential clients to be the focus of their Clinical Competency Evaluation (CCE). Year 3 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

**PSY 851 Assessment of Children**

This course will cover theory and application in child assessment. In a combination of classroom and laboratory (applied) settings, students learn the principles of assessments with children, and become familiar with the content and administration of techniques of a range of standard child assessment tools. Students will administer, score and write a report for one child testing case. Laboratory: 3 hours weekly. Year 1 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Spring*

**PSY 851L Assessment of Children Laboratory**

Required laboratory for PSY 851. Meets for 3 hours weekly. Year 1 course.

*Open to students in the Psy.D. plan only.*

*Credits: 0*

*Every Spring*

**PSY 852 Social and Community Psychology**

An examination of small group processes and social problems in contexts that include issues of gender, disability, racism, homelessness, health psychology, adoption, terror management, environmental psychology, and media influences on aggression, race, and the psychotherapeutic profession. Year 3 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Summer*

**PSY 853 Group Psychotherapy**

This course presents a historical orientation to group psychotherapy. The student will learn about large and small group dynamics - both within the clinic and in society at large. Concepts covered include group-as-a-whole, containment, holding, cohesiveness, leadership (and co-leadership), prejudice and scapegoating, identification and individuation. Year 3 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

**PSY 856 Concentration: Clinical Applications in Family Violence**

Builds on theoretical foundations acquired in PSY 846 and emphasizes psychotherapeutic interventions for offenders, victims and witnesses of family violence. Students learn various methods of clinical assessment used in family violence treatment and learn methods of intervention from cognitive-behavioral, psychodynamic and family therapies. Through the use of hypothetical and actual case presentations, students implement and evaluate available therapies. Year 3 or 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Alternate Spring*

**PSY 857 Concentration: Clinical Applications in Serious and Persistent Mental Illness**

The aim of this course is to familiarize students with psychotherapeutic understanding and techniques for the treatment of serious and persistent mental illness. The first part of the course addresses key concepts - e.g., projective identification, attacks on linking, psychic retreats and autism, and regression - in the treatment of primitive or regressed states of mind, regardless of diagnostic category. Part one of the course also carefully examines the importance of appreciation and use of countertransference in these treatments. Part two of the course addresses psychotherapy techniques that are designed to treat specific diagnostic categories including: narcissistic, schizoid, and borderline personality disorders, psychosis, trauma and addiction, severe depression, and perversions. Year 3 or 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Alternate Spring*

**PSY 858 Concentration: Clinical Applications in Developmental Disabilities**

An introduction to intervention strategies with people who have developmental disabilities and their families. The relationship between applied behavioral research and treatment is emphasized. The course focuses on the role of the clinical psychologist in providing services to individuals and small groups of clients as well as the families of people with developmental disabilities. Year 3 or 4 course.

*Open to students in the Psy.D. plan only.*

Credits: 3

Alternate Spring

**PSY 859 Evidence-Based Psychological Interventions in Schools**

This course will provide an overview of school-based psychological intervention strategies and programs designed to improve the emotional, behavioral and social functioning of children and adolescents. Evidence-based interventions will be emphasized. Service delivery at the individual, group, and systems level, as well as indicated, selective and universal prevention programs will be addressed. Implementation issues specific to school settings will be examined. Year 3 or 4 course.

Open to students in the Psy.D. plan only.

Credits: 3

Alternate Fall

**PSY 860 Professional Development Seminar: Preparation for the Clinical Competency Exam (CCE)**

This semester is a continuation of PSY 850 culminating in a written and oral case presentation to a panel of three professional psychologists (including on full-time faculty member). Students are evaluated on such factors as treatment plans and progress, ethical issues, difficulties with the case and sensitivity to human diversity. Year 3 course.

Open to students in the Psy.D. plan only.

Credits: 3

Every Spring

**PSY 861 Child and Adolescent Psychopathology**

Provides a historical perspective and conceptual models of child and adolescent psychopathology and emphasizes an integration of major developmental issues. The course focuses on specific diagnostic classifications pertinent to children and adolescents and covers clinical symptomatology, epidemiology, etiologic considerations, course and prognosis, familial patterns, and influences and differential diagnosis. Year 1 course.

Open to students in the Psy.D. plan only.

Credits: 3

Every Fall

**PSY 862 History and Systems of Psychology**

This course covers the philosophical and historical roots of contemporary psychology. Topics include: 1) the question of psychology as science, 2) examples of myths that have permeated our discipline, 3) the prominent schools and systems of psychology, 4) the history of clinical psychology, 5) the role of gender, ethnicity and social issues in the history of psychology and 6) major ethical issues that are part of the history of psychology. Primary readings and letters exchanged by prominent philosophers and psychologists are discussed. Year 3 course.

Open to students in the Psy.D. plan only.

Credits: 3

Every Spring

**PSY 863 Family Therapy (Elective)**

This course provides a survey of a wide range of issue related to families. Basic theories regarding family functioning are discussed and a review of major family therapy modalities is presented.

Throughout the course, attention is paid to the impact of social class, race, gender, ethnicity, physical disability and sexual orientation on the structure and function of families. Students have the opportunity to conceptualize the use of family therapy in their own concentration, to focus on a topic of particular interest, and to being to evaluate the impact of their own family experiences on their development and their work. Year 1 or 2 course.

Open to students in the Psy.D. plan only.

Credits: 3

On Occasion

**PSY 864 Cultural Issues in Psychology and Psychotherapy**

This course is designed to help students work more effectively with clients from different racial, ethnic or cultural backgrounds. The lectures and readings provide an introduction to aspects of non-European cultures such as African American, Asian American and Latino in order to help students to better understand their clients' experiences, values and world view. Throughout the course, students will be introduced to clinical concepts that are central to the challenges of cross-cultural client work. Year 3 or 4 course.

Open to students in the Psy.D. plan only.

Credits: 3

Annually

**PSY 865 Treatment of Children and Adolescents**

Examines the psychodynamic and cognitive-behavioral approaches to dealing with various childhood disorders. Developmental psychopathology, childhood assessment and diagnosis, and consultation with school and families are included. Year 2 course.

Open to students in the Psy.D. plan only.

Credits: 3

Every Fall

**PSY 870 Professional Development Seminar: Internship Preparation**

This professional development seminar is the next in the series of courses designed to help students achieve a more advanced level of competence in professional psychology. This seminar is designed to support students through the internship application process. The seminar addresses site selection, essay development, calculating hours, categorizing clinical data, writing a C.V., writing cover letters, selecting supplementary materials, interviewing, ranking sites, the matching algorithm, match day and the Clearinghouse. The format of the class is an open discussion, in which students will have the opportunity to discuss all aspects of applying for an internship. Further consideration in the field relative to the development and monitoring of internship training experiences will

be explained. Students will be able to understand the current issues in training and the implications of recent changes for the future of clinical psychology.

Open to students in the Psy.D. plan only.

Credits: 3

Every Summer

**PSY 871 Clinical Issues in Psychology I**

This course covers advanced treatment of current issues in psychology chosen by the instructor. Registration by permission of the instructor and program director only. Topics can include: self psychology, personality disorders and neuropsychology.

Open to students in the Psy.D. plan only.

Credits: 1 to 3

On Occasion

**PSY 872 Clinical Issues in Psychology II**

This course covers advanced treatment of current issues in psychology chosen by the instructor. Registration by permission of the instructor and program director only. Topics can include: self psychology, personality disorders and neuropsychology.

Open to students in the Psy.D. plan only.

Credits: 1 to 3

On Occasion

**PSY 876 Special Topic Elective**

Consideration of a topic in clinical psychology not covered in other courses such as neuropsychological testing, psychopharmacology, relational approaches to personality development, autism, language and thought disorders, feminist psychology, psychotherapy with difficult patients, psychology and law, psychology of addictions, Dialectical Behavior Theory (DBT), object relations theories, unconscious fantasies, dreams, free association, creativity, couples therapy and psychopharmacology.

Open to students in the Psy.D. plan only.

Credits: 1 to 3

On Occasion

**PSY 877 Special Topic Elective**

Consideration of a topic in clinical psychology not covered in other courses, such as neuropsychological testing, psychopharmacology, relational approaches to personality development, autism, language and thought disorders, feminist psychology, psychotherapy with difficult patients, psychology and law, and psychology of addictions, Dialectical Behavioral Theory (DBT), object relations theories, unconscious fantasies, dreams, free association, creativity, couples therapy and psychopharmacology. Same as PSY 876 with Pass/No Pass grading.

Open to students in the Psy.D. plan only.

Credits: 1 to 3

On Occasion

**PSY 878 Group Intervention Supervision I**

All clinical psychology doctoral students are required to develop and lead two time-limited psychoeducational or psychotherapeutic groups during their second year in the doctoral program. This course provides for supervision of the first group leadership experience by faculty who are licensed psychologists. Students will meet weekly with co-leader(s) and faculty supervisor for the duration of the groups. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

**PSY 879 Group Intervention Supervision II**

All clinical psychology doctoral students are required to develop and lead two time-limited psychoeducational or psychotherapeutic groups during their second year in the doctoral program. This course provides for supervision of the first group leadership experience by faculty who are licensed psychologists. Students will meet weekly with co-leader(s) and faculty supervisor for the duration of the groups. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Spring*

**PSY 880 Supervision and Management of Mental Health Professionals**

Focuses upon supporting advanced students in developing their skills as clinical supervisors and managers of psychologists as well as of professional and administrative staff in mental health and other disciplines. The structure includes a combination of didactic and experiential learning with readings encompassing issues of specific technique, interpersonal relatedness, authority and responsibility, ethics and organizational development. Year 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Spring*

**PSY 891 Psychological Clinic Practicum I**

This course offers the opportunity for Graduate Student Therapists (GST) at the LIU Post Psychological Services Center (PSC) to receive supervised experience in the delivery of a variety of psychological services including individual and group psychotherapies, marital and family therapy, psychoeducation, prevention and wellness counseling and psychological assessment. In addition to weekly individual supervision by both faculty and community licensed psychologists, the GST participate in weekly group therapy supervision, clinic administrative meetings and educational seminars. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Fall*

**PSY 892 Psychological Clinic Practicum II**

Continuation of PSY 891. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Spring*

**PSY 893 Psychological Clinic Practicum III**

Continuation of PSY 892. Year 2 course.

*Open to students in the Psy.D. plan only.*

*Credits: 3*

*Every Summer*

**PSY 894 Clinical Externship I**

Supervised training in clinical psychology at program-approved externship sites for two days per week. Year 3 course.

*Open to students in the Psy.D. plan only.*

*Credits: 1*

*Every Fall*

**PSY 895 Clinical Externship II**

Continuation of PSY 894. Year 3 course.

*Open to students in the Psy.D. plan only.*

*Credits: 1*

*Every Spring*

**PSY 896 Clinical Externship III**

Continuation of PSY 895. Year 3 course.

*Open to students in the Psy.D. plan only.*

*Credits: 1*

*Every Summer*

**PSY 897 Clinical Externship IV**

Continuation of PSY 896. Year 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 1*

*Every Fall*

**PSY 898 Clinical Externship V**

Continuation of PSY 897. Year 4 course.

*Open to students in the Psy.D. plan only.*

*Credits: 1*

*Every Spring*

**PSY 899 Clinical Externship VI**

For students continuing externship beyond requirement and before internship: supervised training in clinical psychology at program-approved externship sites for two days per week. Year 5 course.

*Open to students in the Psy.D. plan only.*

*Credits: 0*

*Every Fall, Spring and Summer*

## SERVICE COURSE DESCRIPTIONS

The following graduate courses are, if approved by a program's director, available electives.

### Anthropology

#### ANT 500 General Anthropology - Physical Anthropology and Archaeology

This course is a comprehensive survey of the two of the four sub-fields of anthropology. Emphasis in the physical anthropology portion is placed on basic concepts of human developments and variation in the past, in the present and in the future. The archaeological relatedness to physical anthropology as well as its own unique methods, theories, and goals in the field of pre-history are also explored.

*Credits: 3*

*On Occasion*

#### ANT 501 General Anthropology - Cultural Anthropology and Linguistics

Based on the previous semester's work, this course investigates the approaches employed by cultural anthropology and linguistics in the study of man. The structure, processes and theory of culture is analyzed and cultural systems are to be explored with the view of solving adaptive problems in the technological and social areas. The linguistic focus is on interrelatedness to culture theory and culture concepts.

*Credits: 3*

*On Occasion*

#### ANT 532 Area Studies

This course is an analysis of selected sociocultural systems and social problems in developing countries of Africa, Latin America and the Middle East.

*Credits: 3*

*On Occasion*

#### ANT 533 Contemporary Asia

This course is an exploration of the social structure and cultural systems of Asian societies - China, India, Japan, Southeast Asia - by analyzing their effects on human behavior and personality. Further emphasis is given to an investigation of social change brought about by East-West cultural contact.

*Credits: 3*

*On Occasion*

#### ANT 541 Archaeology of the Old World

This course is a concurrent lecture series in old world archaeology combined with a five-week intensive program in field archaeology at selected sites. This seminar investigates problems in pre-history with particular emphasis on the Mediterranean region and covers the Paleolithic through the Neolithic periods. Simultaneously, archaeological survey, excavation and interpretation techniques are studied and

applied in connection with the sites being investigated. Students are expected to contribute original thinking on problems of typology, interpretation and methods as they are encountered in the excavations. Offered for 4 credits when given with special field work.

*Credits: 3 to 4*

*On Occasion*

### Economics

#### ECO 612 Economic Environment of Business

The determinants of national income, employment and price levels are considered. Particular attention is given to the relationship of the national economy to private enterprise. The role of private investment, the relations between government and business (antitrust and labor legislation), and the use of national income accounts in short-run economic forecasting are reviewed. Topics covered include national income accounting, fiscal and monetary policy and their impact on business, and the determination of full employment goals.

*Credits: 3*

*On Occasion*

#### ECO 615 The Economics of Management Decisions

This course is designed to set the foundation for the effective integration of economic theory and administration. Topics discussed include demand analysis, cost determination and pricing in varying market conditions, from perfectly competitive to monopolistic. Strategies for competing in oligopoly markets are investigated. Quantification of economic models is stressed through instruction in basic econometrics.

*Credits: 3*

*On Occasion*

#### ECO 620 Econometrics

This course is an introduction to the use of mathematical and statistical techniques for the solution of economic problems. The course includes analysis of micro- and macroeconomic models and their use for design making and simulation.

*Prerequisite of ECO 612 is required.*

*Credits: 3*

*On Occasion*

#### ECO 627 Economics of the City

This course is an analysis of the principal problems of the modern American city such as transportation, housing, the ghetto, environmental pollution, education, fiscal problems. The course is an exploration of feasible economic adjustments to these problems.

*Credits: 3*

*On Occasion*

#### ECO 630 Labor Economics

This course is an analysis of problems and issues concerning employment in an industrial society.

Stress is placed on the development of industrial relations and practices, and their impact on workers, management and the public. Attention is also given to underlying economic factors and other problem areas.

*Prerequisite of ECO 612 is required.*

*Credits: 3*

*On Occasion*

#### ECO 631 Government and the Economy (Economic Policy)

This course covers the role of government in the market economy with special reference to the United States and includes the following topics: maintenance of competition; conservation of resources and control of environmental pollution; protection of the consumer; problems of poverty and affluence; monetary and fiscal policies to promote economic growth.

*Prerequisite of ECO 612 is required.*

*Credits: 3*

*On Occasion*

#### ECO 636 Public Finance and Fiscal Policy

This course is a study of the impact of governmental fiscal operation on resource allocation and income distribution. Special attention is given to the relationship of government expenditures and taxation to employment and price levels, and alternative choices available to influence the rate of economic activity.

*Prerequisite of ECO 612 is required.*

*Credits: 3*

*On Occasion*

#### ECO 641 History of American Business

This course covers the evolution of the American industrial system with emphasis given to developments since 1870. Consideration is given to such factors as changing entrepreneurial functions, the relationship of government to business, employment and labor conditions, and changes in political and social attitudes.

*Prerequisite of ECO 612 is required.*

*Credits: 3*

*On Occasion*

#### ECO 646 Environmental Economics

This course is an economic analysis of environmental issues as problems in resource allocation among competing uses. The course deals with the inherent externalities of environmental degradation and the cost-belief aspects of environmental quality.

*Credits: 3*

*On Occasion*

#### ECO 660 Business Conditions Analysis and Forecasting

Forecasting techniques, including time series analysis, patterns of statistical relationship and econometric models that can be used to provide estimates of future overall activity for given components of the economy are examined. The use of forecasting methods to help decision-making or

production planning for particular industries and tests to verify forecasts is considered.

*Prerequisite of ECO 612 is required.*

*Credits: 3*

*On Occasion*

## Environmental Studies

### ENV 702 Internship

This course is open only to matriculated students who have completed at least 12 credits in courses in the Environmental Studies Program with the permission of a faculty advisor and the program director. The internship involves placement for 260 hours under the direction of a competent professional in a national, state or local government facility or in a private organization. The internship is designed to provide professional training experience in dealing with environmental problems (e.g., surface and subsurface waters, biological environments, U.S. Park Service). If taken during the summer, all summer sessions may be required for the completion of the 260 hours.

*Prerequisite of ENV 601, 602, 603 and PAD 729 are required.*

*Credits: 3*

*Every Fall, Spring and Summer*

### ENV 707 Thesis Research

This course is open only to matriculated students who have completed at least 12 credits in courses in the Environmental Studies Program with the permission of a faculty advisor and the program director.

*Prerequisite of ENV 601, 602, 603 and PAD 729 are required.*

*Credits: 3*

*Every Fall, Spring and Summer*

### ENV 708 Thesis

This course is open only to matriculated students who have completed at least 12 credits in courses in the Environmental Studies Program with the permission of a faculty advisor and the program director.

*Prerequisite of ENV 601, 602, 603, 707 and PAD 729 are required.*

*Credits: 3*

*Every Fall, Spring and Summer*

## Philosophy

### PHI 510 Issues in Contemporary Aesthetics

A critical examination of current questions in aesthetic theory such as the nature of aesthetic experience, the relation of the fine arts to the decorative arts, to craft, and to the popular and folk arts, interpretation, representation, institutional theory, and the end of art. The practice and problems of different methodologies is also examined including phenomenology, hermeneutics, deconstruction and philosophical analysis.

*Credits: 3*

*On Occasion*

### PHI 511 The Interrelations of the Arts

An examination of historical and applied classifications of the arts, and a comparative study of the various arts from the standpoint of their materials and media, their technologies, their products and their experiences.

*Credits: 3*

*On Occasion*

### PHI 512 The History of Aesthetics

A study of the literature in the history of aesthetics, from the classical period through the rise of modern aesthetics in the 18th century and the romantic theories of the 19th century to the present.

*Credits: 3*

*On Occasion*

### PHI 513 Creativity in the Arts

An inquiry into the nature of creativity in the arts and its relationship to creativity in other fields. Attention is given to the differences, if any, between creativity and such things as originality, fashion and style.

*Credits: 3*

*On Occasion*

### PHI 514 The Aesthetic Dimensions of the Arts

This course focuses on a single art which is examined in-depth, with attention to its history, its materials and techniques, its meaning and experience, and its critical literature. The course may be taken more than once on different arts.

*Credits: 3*

*On Occasion*

### PHI 515 Criticism in Art

A study of various theories of aesthetic criticism.

*Credits: 3*

*On Occasion*

### PHI 688 Issues in the History of Aesthetics

A detailed examination of a particular issue or movement or of a major work in the history of aesthetics. The course may be taken more than once if the content is different.

*Credits: 3*

*On Occasion*

## Astronomy and Physics Courses

### AST 501 Spherical and Elliptical Astronomy

The course is devoted to an advanced study of astronomical concepts, especially the motions of the Earth and other bodies in the solar system and the physical phenomena to which they give rise. Topics include the Celestial Sphere, the Sun, Precession of the Equinoxes, the Observer-Based Celestial Sphere, Diurnal Motion, the Celestial Meridian, the Solar System, Planetary Orbits and Motions, the Moon and Eclipses.

*Credits: 3*

*Annually*

### PHY 501 Introduction to Theoretical Physics I

This course covers the application of the principles of physics to a wide variety of topics, including dynamics, thermodynamics, kinetic theory and statistical mechanics.

*Credits: 3*

*On Occasion*

### PHY 601 Classical Mechanics I

Review of elementary principles; variational principles; Lagrange's and Hamilton's equations of motion; motion of rigid bodies.

*Credits: 3*

*On Occasion*

### PHY 605 Geometrical and Physical Optics I

Lens theory, mirrors, theory of stops, ray tracing, lens aberrations. Electromagnetic theory of light, reflection and refraction of plane waves, interference, Fraunhofer and Fresnel diffraction, absorption, scattering and dispersion, polarization.

*Credits: 3*

*On Occasion*

## Science Research

### SCI 601 Science Research Workshop for High School Teachers

This workshop is focused on developing skills for mentoring high school students in scientific research.

*Credits: 1 to 3*

*On Occasion*

## Sociology

### SOC 500 Topics in Sociology

This graduate course examines in-depth select topics in Sociology. The student's particular topic will be determined in consultation with faculty and with approval by the chair. May be taken more than once if topic is not the same.

*Credits: 3*

*On Occasion*

**COLLEGE OF MANAGEMENT**

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The College of Management seeks to equip students with essential management competencies coupled with an appreciation of professional accountability and social responsibility. Graduates of the College should possess the functional skills and professional capabilities to contribute in meaningful ways as part of today's service-driven economy in public companies, private organizations and nonprofit entities.

The College is distinguished by AACSB-accredited bachelor's degrees in business administration (with concentrations in finance, international business, management and marketing) and accountancy and master's degrees in accountancy, business administration (MBA) and taxation. The Department of Health Care and Public Administration offers bachelor's degrees and the only NASPAA accredited M.P.A. program on Long Island.

Across the College, courses of study are taught by a distinctively credentialed faculty and practicing professionals who provide students with the discipline area skills, knowledge, professional abilities and personal attributes that can form the basis for success in their professional lives.

Please direct your questions to the dean's office at 516-299-3017, email: [collegeofmanagement@cwpost.liu.edu](mailto:collegeofmanagement@cwpost.liu.edu), or fax: 516-299-2786.

**Andrew J. Rosman**

Dean

[andrew.rosman@liu.edu](mailto:andrew.rosman@liu.edu)**Andraes Alexander**

Assistant Dean

[andraes.alexander@liu.edu](mailto:andraes.alexander@liu.edu)

## Master of Business Administration (M.B.A.)

The Master of Business Administration (M.B.A.) degree is a comprehensive, integrated, 36-to-48 credit program, which combines the highest levels of academic rigor and real-world relevance. Ethics is imbedded throughout the program. Accredited by AACSB International, the M.B.A. Program offers several flexible options to support individual interests, career objectives and busy schedules.

Students may pursue their education on a full or part-time basis in the Campus Program during weeknights and/or in the Saturday Program. The M.B.A. is a general business degree, with electives available in the areas of business law, finance, management, marketing and international business.

The M.B.A. Program includes the joint J.D./M.B.A. Program offered in conjunction with Touro Law Center in Central Islip, N.Y. and the Corporate M.B.A. Program, where classes are presented on-site at sponsoring corporate offices. In addition, LIU Post's Accelerated B.S./M.B.A. and B.A./M.B.A. programs allow qualified students to complete their Bachelor of Science or Bachelor of Arts degree and M.B.A. in only five years.

### ADMISSION REQUIREMENTS

The College of Management Business Program has established the following criteria as the most critical in the evaluation of candidates for graduate study:

- Scholastic achievement and a desire to excel as evidenced by previous academic work.
- Aptitude for graduate study as indicated by scores on the Graduate Management Admissions Test (GMAT).
- Motivation, leadership potential and maturity as evidenced by prior work experience and extracurricular activities.

Applicants to the Master of Business Administration (M.B.A.) must submit the following items for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- A bachelor's degree with a minimum G.P.A. of 2.75 from an accredited college or university. Students who do not meet these requirements are welcome to discuss their options for admission with the graduate advisor. No specific undergraduate major is required for application. Applicants who are in their senior year at an undergraduate institution may apply for admission to the College of Management, but acceptance will be made contingent upon submission of final grades and receipt of the bachelor's degree. Applicants who have attended institutions outside the United States must hold a degree equivalent to a U.S. bachelor's degree.
- Official copies of your undergraduate and/or

graduate transcripts from any college(s) or universities you have attended.

- Although most applicants achieve a score of 500 or higher, a minimum GMAT (Graduate Management Admissions Test) score of 400 is required for full admission (higher if the overall undergraduate G.P.A. is between 2.75 and 3.0.) Students who have not yet taken the GMAT or did not earn a qualifying score, are invited to enroll in the Personal Enrichment Program as non-matriculated students and take up to two (2) 500-level M.B.A. core courses. The student is expected to successfully pass the GMAT Exam no later than the completion of the second course. The GMAT is not required if a student has taken the LSAT Exam within the past five (5) years and has received a minimum score of 141. Those students holding CPA license, JD degree, doctorate degree, or a Master's degree in Engineering also are exempt from the GMAT. The GRE is not accepted for admission into the LIU Post M.B.A. program.
- Two professional and/or academic letters of recommendation on company letterhead that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- A current résumé.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 85 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

### Master of Business Administration (M.B.A.) Requirements

#### Required Core Courses

GBA	520	Economics for Business Decisions	3.00
GBA	521	Financial Accounting and Reporting	3.00
GBA	522	Corporate Financial Management	3.00
GBA	523	Management and Leadership in a Global Society	3.00
GBA	524	Marketing Management	3.00
GBA	525	Statistics For Management	3.00

#### Required Management Perspective Courses

MBA	620	Managing Information Technology and e-Commerce	3.00
MBA	621	Financial Markets and Institutions	3.00

MBA	622	Competitive Marketing Strategy	3.00
MBA	623	Organizational Behavior	3.00
MBA	624	Operations Management	3.00
MBA	625	Global Business: Environment and Operations	3.00

#### Required Capstone Course

MBA	820	Business Policy	3.00
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#### Elective Courses

Students must complete 3-5 elective courses taken from BLW 701, TAX 726, or any 700 level FIN, IBU, MAN, MIS, MKT courses.

Total credits required ranges from 36-48, depending on the amount of core course waivers and elective credit requirements.



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## Advanced Certificate in Business Administration

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In an ever-changing economy, many graduates who hold the M.B.A. degree discover that in order to further their careers, they must expand their skill set and/or acquire additional expertise in a specific subject area or discipline field. The Advanced Certificate in Business Administration is specifically designed to meet these needs. The Advanced Certificate in Business Administration is earned by successfully completing 12 units (4 courses) of 700- level courses with a grade of B or better beyond the M.B.A. degree. Courses are offered in the following subject areas: Finance, International Business, Management and Marketing. A customized Advanced Certificate tailored to meet a student's specific career interests and needs may be developed with approval from the Director of the Office of Graduate Programs for the College of Management. The Advanced Certificate in Business Administration is open to all M.B.A. degree holders who received their degree from an AACSB-International accredited program.

### ADMISSION REQUIREMENTS

- Application for Admission
- Application fee: \$40 (non-refundable)
- An M.B.A. from an AACSB-International accredited program.
- Official copies of your undergraduate/graduate transcripts from any college(s) or universities you have attended.
- Two professional and/or academic letters of recommendation on company letterhead that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- A current résumé.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 85 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

## Graduate Business Courses

### FIN 704 Financial Reports Analysis

This course provides a survey of analytical tools and techniques used to evaluate financial statements. Financial and corporate reports are analyzed for solvency, quality of earnings, investments, and forecasting implications. Emphasis is placed on ratio and trend analysis for the detection and interpretation of strengths, weaknesses, and problem areas of the business.

Cross-listed with ACC 754

*Prerequisites of GBA 520, 522, MBA 621 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 705 Securities Analysis - Equities

This course focuses on security markets and investment opportunities. Students are exposed to the concepts of market efficiency and risk and return in the context of valuation of equities, fixed income securities, and derivative securities. The objective is to provide a systematic method of analyzing investment portfolios and the effects of diversification and risk management.

*Prerequisites of GBA 520, 522, MBA 621 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 708 Financial Engineering

This course covers the creation of derivative securities to meet financing needs. This course will explore the rapid growth of strategic financial product innovation and securitization precipitated by environmental and intra-firm factors. Chiefly as a solution to risk management, financial engineering will be explored from both the corporate treasurer's perspective and from the investor's and speculator's perspectives. Recent debt, equity, equity-related and derivative innovations will be examined.

Cross-listed with IBU 708

*Prerequisites of GBA 520, 522, MBA 621 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 710 Corporate Mergers and Restructuring Strategies

The aim of the course is to provide understanding of the decisional dynamics and valuation consequences of financial, business, and organizational restructuring by corporate credits. The course prepares students to plan, evaluate, and execute corporate restructuring activities.

*Prerequisites of GBA 520, 522, MBA 621 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 716 International Finance

This course presents an analysis of the financial opportunities and risks resulting from global market investment. Topics include determinants of foreign exchange rates and international capital flows; balance of payments analysis techniques; foreign exchange risk management, especially hedging and speculation strategies; the reasons and impact from official intervention; and elements of country-risk analysis.

Cross-listed with IBU 702

*Prerequisites of GBA 520, 522, MBA 621 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 717 Investment Analysis Fixed Income and Derivatives

This course analyzes the activities of the financial intermediaries in the marketplace. The course presents a rigorous quantitative and qualitative analysis of the money and capital markets, concentrating on the Fixed Income and Derivatives markets. It focuses on the risks and returns associated with investments in those markets, and on how these instruments can be optimally allocated to yield successful portfolio management performance. This course, when combined with FIN705, presents a complete overview of the global capital markets.

*Prerequisites of GBA 520, 522, MBA 621 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 722 Real Estate Investments

This course covers the theory and measurement of return and risk on real estate loans and equity investments, investment decision making and financing alternatives, techniques of real estate investment financing, evaluation of investment risk and credit quality on selected types of properties and loans. Topics include: site selection, income properties, office buildings, shopping centers, industrial properties, condos and co-ops, leasing valuation and marketing.

*Prerequisites of GBA 520, 522, MBA 621 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 725 Money, Banking, and Capital Markets

This course's main objective is to analyze and understand the principal forces that are shaping the U.S. and world money and capital markets. Money creation, the demand for money, and the relation of money to inflation and financial flows are each examined. Interest rates are analyzed in the context of portfolio choice and their behavior is carefully

examined. Emphasis is also placed on the changing role of competitive financial institutions and the effects of these changes on the flow of funds and monetary policy.

*Prerequisites of GBA 520, 522, MBA 621 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 726 International Corporate Finance

This course is an analysis of the financial opportunities, risk, and decision-making processes associated with international operations. Topics include management of translation, transaction and economic exposure; taxation issues; multinational capital budgeting and current asset management; complexities of international performance evaluation and control systems; comparative financial statement analysis; cost of capital; and international financing options. The case method is utilized.

Cross-listed with IBU 708

*Prerequisites of GBA 520, 522, MBA 621, and (FIN 716 or IBU 702) or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 727 Global Economic Environment of Business

The main goal of this course is to analyze and understand the global economy in which business operates today. Attention centers on the key policy issues and major economic forces that affect business activity and on the tools necessary to evaluate these issues and forces. The tools of analysis include the portfolio approach, post-Keynesian and modern monetarist approaches, rational expectations, and state-of-the-art analysis of saving and investment. The course also explores the role played by U.S. and world financial markets in influencing the domestic and global economic environment. Material in the text will be heavily supplemented by, and integrated with, current events.

*Prerequisites of GBA 520, 522, MBA 621 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### FIN 750 Seminar In Finance

This seminar investigates advanced and timely topics in finance that influence corporate and investor decision making. It also explores major issues that affect financial markets and intermediaries. Topics analyzed will vary according to financial conditions and developments, but may include: systemic risks to the financial system; value at risk; corporate governance; financial engineering; and portfolio rebalancing strategies.

*Prerequisites of GBA 520, 522, MBA 621 or its*

equivalents are required. Student must be in acceptable plan of study.

Credits: 3

On Occasion

#### **GBA 520 Economics for Business Decisions**

Key micro and macro economic concepts and issues are used to equip students to analyze economic problems and appreciate the implications of global economic events. The course develops key microeconomic concepts, such as the construction of supply and demand curves, elasticity and marginal analysis. The course then develops key macroeconomic concepts and tools to examine key policy issues as: National Income Accounting, the aggregate supply and demand curve, the supply and demand for money, fiscal and monetary policy, international trade, and the impact of changes in exchange rates.

MBA Students only.

Credits: 3

Every Fall and Spring

#### **GBA 521 Financial Accounting and Reporting**

This course examines basic accounting concepts and methods and their significance to management and other users of financial statements. Topics include an introduction to fundamental accounting concepts; the measurement and reporting of income, financial position, and cash flows; and the measurement and reporting of assets, liabilities, and stockholders' equity. Ethical issues are considered throughout this course.

MBA Students only.

Credits: 3

Every Fall and Spring

#### **GBA 522 Corporate Financial Management**

This course focuses on wealth maximization and managerial decision making in a global market setting. Basic principles by which the modern corporation manages its assets, controls its liabilities and raises new capital are addressed. Topics include the time value of money, valuation and rates of return on securities, financial statement analysis, capital budgeting techniques, as well as cost of capital, capital structure, and leverage considerations.

Prerequisite or co-requisite of GBA 521 or its equivalents is required.

Credits: 3

Every Fall and Spring

#### **GBA 523 Management and Leadership in a Global Society**

This course addresses contemporary global management challenges stemming from changing organizational structures, complex environmental conditions, new technological developments, and increasingly diverse workforces. Highlighted are critical management issues involved in planning, organizing, controlling, and leading an organization. The course focuses on leadership and addresses the complex issue of business ethics inherent in decision making. Students will apply

theoretical management concepts to organizational situations with the use of current business headlines and case studies. This synergy of theory and practice will help students gain analytical skills for professional assessments. Students will also make research-based oral presentations to further develop their communications skills.

MBA Students only.

Credits: 3

Every Semester

#### **GBA 524 Marketing Management**

This course is an analysis of the operations of marketing systems. It familiarizes students with marketing principles and enables them to adapt marketing operations to opportunities in for-profit and non-profit organizations. Focus is placed upon the principal decision components that include market segmentation, marketing research, consumer behavior, product development, promotion, pricing and distribution. International and ethical issues are discussed.

MBA Students only.

Credits: 3

Every Semester

#### **GBA 525 Statistics For Management**

The course is designed to give a fundamental knowledge of the principles, concepts, and techniques involved in the application of probability and statistics to business research and managerial decisions. The range of applications covers various functional areas such as finance, marketing, accounting, management, economics and production. Topics covered include descriptive statistics, probability concepts and techniques applicable in risk assessment and decision theory, statistical inference (estimation and hypothesis testing), and some basic forecasting models including regression.

MBA Students only.

Credits: 3

Every Semester

#### **IBU 702 International Finance**

This course presents an analysis of the financial opportunities and risks resulting from global market investment. Topics include determinants of foreign exchange rates and international capital flows; balance of payments analysis techniques; foreign exchange risk management, especially hedging and speculation strategies; the reasons and impact from official intervention; and elements of country risk analysis.

Cross-listed with FIN 716

Prerequisite of MBA 625 or its equivalents is required. Student must be in acceptable plan of study.

Credits: 3

On Occasion

#### **IBU 703 International Trade and Competition**

The main goal of this course is to analyze and understand competitive issues in the global trading system from a business perspective. The course

reviews and utilizes traditional theories of trade, but emphasizes modern concepts of dynamic competitive advantage, the role of firm strategies, the role of location, country factors, and public policies in the context of the evolving system of world trade. Critical business issues concerning trade and competition arising out of the World Trade Organization (WTO) system, the regional trading arrangements such as the European Union (EU), and the North American Free Trade Association (NAFTA), as well as the trade regulations and industrial policies of major trading countries are examined.

Prerequisites of GBA 524, MBA 622, 625 or its equivalents are required. Student must be in acceptable plan of study.

Credits: 3

On Occasion

#### **IBU 704 Management of International Business**

This course focuses on the management of direct international investment, commonly known as multinational corporations. The course examines the nature, growth and new directions of direct investment, and how they are related to changing economic, social and monetary conditions. The interplay of business and government in international management is highlighted.

Prerequisite of MBA 625 or its equivalents is required. Student must be in acceptable plan of study.

Credits: 3

On Occasion

#### **IBU 705 International Marketing**

This course is an analysis of both marketing strategy and marketing management in the international marketplace. It provides students with an understanding of the global marketing environment and how the environment impacts the applicability of the marketing strategies. Students will learn theoretical foundations of international marketing and apply them to international marketing campaigns based on the similarities and differences of international markets in terms of cultural, economic, regulatory and competitive forces. Country market selection, market entry modes and ethical issues are discussed.

Prerequisite of MBA 625 or its equivalents is required. Student must be in acceptable plan of study.

Credits: 3

On Occasion

#### **IBU 707 Multinational Business in Emerging Markets**

This course is an analysis and discussion of the opportunities and problems of operating multinational firms in developing nations. Consideration is given to marketing opportunities, national customs and mores, natural resource policies, tax policies, governmental economic nationalism, economic liberalization and similar concepts and problems of operating in emerging

economies.

*Prerequisite of MBA 625 or its equivalents is required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**IBU 708 International Corporate Finance**

This course is an analysis of the financial opportunities, risks and decision-making processes associated with international operations. Topics include management of translation, transaction and economic exposure, taxation issues, multinational capital budgeting and current asset management, complexities of international performance evaluation and control systems, comparative financial statement analysis, cost of capital, and international financing options. The case method is utilized.

Cross-listed with FIN 726

*Prerequisites of GBA 520, 522, MBA 621, and (FIN 716 or IBU 702) or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**IBU 710 IT Management in a Multinational Business Environment**

This course focuses on worldwide IT environments, national infrastructures and regulatory regimes, global IT applications, global IS development strategies, global management support systems, and global IT management strategies. It inculcates an in-depth understanding of managing information resources across national borders, time zones, cultures, political philosophies, regulatory regimes, and economic infrastructures. The course emphasizes the critical role and issues of IT and Electronic Commerce (EC) in contributing to the success of global finance, marketing, manufacturing, trade and accounting practices.

*Prerequisite of MBA 625 or its equivalents is required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**IBU 750 International Business Seminar**

This course is an analysis of the decision-making processes and methods for defining, analyzing and resolving contemporary international financial and trade problems. Emphasis is on assessing international developments and trade relating to business.

*Prerequisite of MBA 625 or its equivalents is required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**MAN 702 Theories Of Organization**

This course is a survey of organizational theories with particular emphasis on goal setting, assessment, achievement and displacement. Topics

include: the relationship of authority, role responsibility, organizational structure, design and culture. Students diagnose organizational functions, analyze deficiencies, and determine ways of adapting organizational structure to realize goals.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**MAN 703 Project Analysis and Program Management**

This course provides a comprehensive analysis of projects in contemporary organizations. The course addresses the basic nature of managing all types of projects: public, business, engineering, information systems, and so on as well as the specific techniques for project management. Topics include: the organization's strategy and project selection, project leadership, project planning, uncertainty and risk management, project budgeting and cost estimation, project scheduling, resource allocation, conflict and negotiation, project monitoring and controlling, project auditing, and project evaluation and termination.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**MAN 705 Management Decision Theory**

This course introduces the basic principles and techniques of making decisions in managerial situations. Students will learn to develop decision models for improving the quality of decisions; sharpen their ability to structure problems and to perform logical analyses; translate descriptions of decision problems into formal models, and investigate those models in an organized fashion; identify settings in which models can be used effectively and apply modeling concepts in practical situations. Emphasis will be placed on model formulation and interpretation of results in diverse industries and functional areas, including finance, operations, and marketing.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**MAN 707 Small Business & New Venture Management**

This course examines the role of a small business in a dynamic, free enterprise economy. The course is designed to stimulate a creative approach to the problems of a small firm by entrepreneurs. Emphasis is placed upon: establishing new enterprises, financing, organizing, planning, operating, marketing, growth and acquisitions.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in*

*acceptable plan of study.*

*Credits: 3*

*On Occasion*

**MAN 722 Human Resources Management**

This course is a review of the major areas of personnel administration. Topics include: selection and replacement, compensation, training and development, labor relations, and employee services. These activities are viewed from the position of both the large and small firm.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**MAN 723 Behavior Concepts Applied to Management**

This course covers the application of behavioral concept techniques to the problems of managers and supervisors in large and small enterprises.

Topics include: approaches to personnel assessment, the development and motivation of managers, and the fundamentals of executive performance.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**MAN 725 Work, People, and Productivity**

This course is an analysis of the problems of the occupational environment in small and large enterprises. Emphasis is placed upon practical problem solving of immediate concern to the participants. Topics include: survey of new approaches to motivation, attitudes, job satisfaction, job enrichment, monotony, fatigue, working conditions and conflict resolution, quality circles, and productivity.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

**MAN 731 Negotiation & Strategy**

Negotiation is a central part of personal career and organizational strategy. Through the study and practice of negotiation, students develop strategic thinking, learn about the psychology of bargaining, explore their decision making and psychological biases, broaden their ability to convey important points of view with respect to analyzing complex positions and ultimately develop their ability to apply the totality of learning through their educational experience. The class is experiential helping students build advanced interpersonal and communication skills, presentation skills, constructive conflict resolution skills (personal and in-team) through the use of business-specific, knowledge intensive exercises and role-plays. The course develops students' strategic thinking as well

as their ability to conduct circumspect situational-analysis with ethical emphasis. Consequently students build a comprehensive set of skills necessary for a business career. The course is highly beneficial to students in the management major and would also be a strong elective to complement any major.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

#### **MAN 734 Supply Chain Management**

The function of supply chain management is to design and manage the processes, assets, and flows of material and information required to satisfy customers' demands. Supply logistics related costs account for 20-25% of a typical firm's total cost. On the revenue side the supply chain decisions have a direct impact on the market penetration and customer service. Globalization of economy and electronic commerce has heightened the strategic importance of supply chain management and created new opportunities for using supply chain strategy and planning as a competitive tool. Electronic commerce has not only created new distribution channels for consumers but also revolutionized the industrial marketplace by facilitating inter-firm communication and by creating efficient markets through trading communities. Moreover combination of enterprise information infrastructure and internet has paved the way for a variety of supply chain optimization technologies. In line with these developments, this course focuses on management and improvement of supply chain processes.

*Prerequisites of GBA 523, 525 MBA 624 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

#### **MAN 740 Social Entrepreneurship**

This course is designed to integrate previous courses in Management, Marketing, Finance and Accounting in the application of business skills and techniques in alleviating social problems. Students will be expected to develop a comprehensive Business Plan as well as assist external organizations which are focused on meeting societal needs. With the application of the business approach to meeting societal needs, students will gain further expertise in applying their skills to a real-world problem.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

#### **MAN 745 Business Consulting**

This course covers the complete process of business consulting, from developing business proposals and mobilizing a consulting team, to producing

deliverables and deploying solutions. The course is designed to provide MBA students with the background and skills needed to pursue a career in consulting. The course discusses specific applications in such consulting fields as strategy consulting, training, organizational development, technical and business development consulting. Specific and practical concepts, tools, techniques and frameworks are covered that can be used in all forms of consulting and any area of consulting application.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

#### **MAN 750 Management Seminar**

The problems of organizational management are considered from a multi-disciplinary point of view. Concepts and research from management studies are applied to specialized problems of management. Theory and technique are integrated by using group and individual study projects. The course is designed to enhance general management skills related to superiors, subordinates, staff specialists and peers.

*Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

#### **MBA 620 Managing Information Technology and e-Commerce**

This course is devoted to the management of information resources in an organization. It will emphasize management concepts and strategies essential for the selection, development, design, implementation, use, and maintenance of information and e-Commerce technologies and information systems in today's organizations. Business cases will be extensively utilized to facilitate classroom discussion.

*Prerequisite or Co-requisite of GBA 520, 521, 524, 525 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*Every Semester*

#### **MBA 621 Financial Markets and Institutions**

This course provides the student with knowledge of global financial markets; the institutions that operate in those markets and the manner in which various markets and institutions interrelate. Topics covered include: types of markets and of financial institutions; determinants of interest rates; the risk and term structure of interest rates: money markets and capital markets; asset-backed securities; forwards, futures, options, swaps, and other derivatives; equity markets; the role of central banks in the creation of money and in the conduct of monetary policy; and an examination of some recent developments in global finance.

*Prerequisite of GBA 522 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*Every Semester*

#### **MBA 622 Competitive Marketing Strategy**

The course focuses on marketing planning processes, concepts, methods and strategies with a global orientation at the product level as well as at the corporate level. It emphasizes the relationship between marketing and other functions and draws upon perspectives from industrial economics, corporate finance and strategic management literature. Competitive marketing strategies and practices of contemporary firms are discussed as they relate to industrial and consumer products and services. The overall objective of the course is to help students incorporate and apply the skills, methods and insights they have acquired in prior marketing and other business courses in the design and implementation of marketing strategies.

*Prerequisite of GBA 524 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*Every Semester*

#### **MBA 623 Organizational Behavior**

This course examines the important behavioral issues facing individuals within organizations. Initially, focus is placed on the organizational factors that influence behavior. Next, the course examines the individual differences that influence behavior. Topics in this section include motivation, reward systems, and values and ethics. The course then focuses on the development of effective work groups to explore communications, negotiations, teams, and the learning organizations. Selected topics in leadership conclude the course of study.

*Prerequisite of GBA 523 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*Every Semester*

#### **MBA 624 Operations Management**

Operations Management is concerned with the efficient and effective transformation of resources into goods and services. This course is designed to develop the ability to analyze and improve the performance of operations processes in organizations. Topics to be discussed include operations strategy, product/service selection and design, capacity planning, quality management, facility location and layout, inventory management, business process reengineering, and supply chain management.

*Prerequisite of GBA 525 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*Every Semester*

**MBA 625 Global Business: Environment and Operations**

This course introduces the student to the discipline of international business. It demonstrates the uniqueness of the international business environment and focuses on aspects of business necessary to compete in the global arena. The first half of the course focuses on: the environmental context in which international firms operate, country-specific factors (socio-cultural, political, legal and economic factors), the global trade, investment environment and the global monetary system. Theories and concepts associated with these factors are surveyed and the forces of regionalization and globalization are discussed, including the facilitating institutions. The second half of the course examines the strategies and structures that firms adopt, and explains how firms can perform their key functions: production, marketing, R & D, finance, human resource management and compete successfully in the international business environment.

*Prerequisite of GBA 520, 521, 522, 523, 524, 525 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3  
Every Semester*

**MBA 820 Business Policy**

Business policy is an integrating course that prepares students for pulling together the diverse disciplines involved in organizational decision making. The course explores formal and informal aspects of policy formation, its application, and consequences. Students deal with formal decision theory and practice, organizational theory and practice, marketing and personnel policies and social conditions as they impinge upon and require new organizational thinking. This course develops students' capabilities in strategic decision making in a changing world. Issues include the ranking and the definition and measurement of organizational objectives; the concept of organizational strategy; mission; the formulation and evaluation of alternatives; the interrelationships between quantitative and qualitative analytical techniques; the roles of personal values, ethics, and political power; product life cycle; capital allocation; and acquisitions and divestitures. A computer-based simulation, cases, lectures, and group analyses are employed.

*Prerequisite of GBA 520, 521, 522, 523, 524, 525, MBA 620, 621, 622, 623, 624, 625 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3  
Every Semester*

**MIS 710 IT Management in a Multinational Business Environment**

This course focuses on worldwide IT environments, national infrastructures and regulatory regimes, global IT applications, global IS development strategies, global management support systems, and

global IT management strategies. It inculcates an in-depth understanding of managing information resources across national borders, time zones, cultures, political philosophies, regulatory regimes, and economic infrastructures. The course emphasizes the critical role and issues of IT and Electronic Commerce (EC) in contributing to the success of global finance, marketing, manufacturing, trade and accounting practices.

*Prerequisites of GBA 523, MBA 620 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3  
On Occasion*

**MKT 701 Marketing Communication and Advertising**

This course covers the role of mass and personal communication and sales promotion in marketing management and its social and economic implications. Research findings in communication theory, behavioral sciences, and comprehensive models of buyer behavior are particularly stressed. The course surveys the planning, implementation and measurement of effectiveness of marketing communication activities. Students are required to develop integrated promotional campaigns based on actual marketing information.

*Prerequisites of GBA 524, MBA 622, or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3  
On Occasion*

**MKT 702 Marketing Research**

This course emphasizes the role of information in marketing decisions. Given the sheer variety and quantity of information available in today's environment, the ability to assess the quality of information is more important than ever before. This course will provide students with the tools and techniques that are essential to developing this ability. The course takes a very applied, hands-on approach to the subject, at the same time ensuring that students are exposed to the theoretical concepts that are relevant. It covers two broad areas: research design and data analysis and interpretation. Ethical issues are incorporated throughout the course. A variety of examples, cases and assignments will be used to illustrate the application of different research methodologies and to provide an understanding of how research can be used to make better decisions.

*Prerequisites of GBA 524, MBA 622, or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3  
On Occasion*

**MKT 703 Sales Management and Forecasting**

This course emphasizes the management of selling activities and the outside sales force as one major phase of marketing management. The course

includes discussion of the administrative activities of sales force managers from the district manager up to the top level sales executive in the firm. Organization of the sales department, operating the sales force, planning sales force activities, and the analysis and control of sales operations are covered. Major emphasis is given to determining market and sales potentials, forecasting sales, preparing sales budgets, and establishing territories and quotas. Cases are used to stress practical applications.

*Prerequisites of GBA 524, MBA 622, or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3  
On Occasion*

**MKT 705 Consumer Behavior**

This course uses the multi-disciplinary approach to understanding consumer behavior in the marketplace by integrating the contributions of cultural anthropology, psychology, sociology and economics. This course reviews the role of the behavioral sciences in marketing in such areas as determination of product choice, brand loyalty and switching, and company loyalty policies. Topics include: learning theory, motivation, diffusion of innovation, reference group theory, roleplaying, perception, and attitude formation. Managerial implications are examined using case studies.

*Prerequisites of GBA 524, MBA 622, or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3  
On Occasion*

**MKT 706 Product Strategy**

The course provides a comprehensive presentation of the product planning and development process and examines strategies over the product's life cycle. Topics include idea generation, concept development, screening criteria, concept testing, commercialization and the development of marketing plans. Marketing mix decisions over the product life cycle are also covered. The product/brand manager organizational structure as well as ethical considerations is also examined.

*Prerequisites of GBA 524, MBA 622, or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3  
On Occasion*

**MKT 707 Marketing Distribution Systems**

This course is an analysis of the competitive struggle for channel command, and the utilization of economic, analytical tools and behavioral models. The growth of, and innovation in, vertical systems is examined with regard to social, economic and legal constraints. The course also surveys the objectives and decision-making processes of individual members at various channel levels. Case studies that are used stress practical applications.

*Prerequisites of GBA 524, MBA 622, or its equivalents are required. Student must be in*

acceptable plan of study.

Credits: 3

On Occasion

#### **MKT 712 Direct Marketing**

The direct response techniques, an increasingly important component of the marketing efforts of companies of all sizes, are studied in this course in detail. Direct marketers have developed a sophisticated awareness of the exact relationship of their marketing effort to sales and profits. This course familiarizes students with the entire range of direct marketing, media, and fulfillment strategies with special emphasis on scientific database management.

*Prerequisites of GBA 524, MBA 622, or its equivalents are required. Student must be in acceptable plan of study.*

Credits: 3

On Occasion

#### **MKT 715 Marketing Strategies for High Tech Products and Services**

Innovation of new products and services is expensive to produce and inexpensive to reproduce. As a result, high-technology firms that invest heavily in R & D often have difficulty in appropriating the fruits of their innovative efforts. Legal protection of intellectual capital by means of patents, copyrights and trade secrets do not work well in practice.

"Inventing around" patents is a common practice that can often be accomplished at a relatively modest cost. Moreover, markets for high-tech products and services suffer from high degree of uncertainty. The course examines the unique problems faces by the high-technology firms - with focus on ICT and pharmaceutical sectors - and marketing strategies that help mitigate these problems within the larger context of emerging global market for technology/know-how as opposed to products and services.

*Prerequisites of GBA 524, MBA 622, or its equivalents are required. Student must be in acceptable plan of study.*

Credits: 3

On Occasion

#### **MKT 716 International Trade**

The main goal of this course is to analyze and understand competitive issues in the global trading system from a business perspective. The course reviews and utilizes traditional theories of trade, but emphasizes modern concepts of dynamic competitive advantage, the role of firm strategies, the role of location, country factors, and public policies in the context of the evolving system of world trade. Critical business issues concerning trade and competition arising out of the World Trade Organization (WTO) system, the regional trading arrangements, such as the European Union (EU), and the North American Free Trade Association (NAFTA), as well as the trade regulations and industrial policies of major trading countries are examined.

*Prerequisites of GBA 524, MBA 622, 625 or its equivalents are required. Student must be in acceptable plan of study.*

Credits: 3

On Occasion

#### **MKT 717 International Marketing**

This course is an analysis of both marketing strategy and marketing management in the international marketplace. It provides students with an understanding of the global marketing environment and how the environment impacts the applicability of the marketing strategies. Students will learn theoretical foundations of international marketing and apply them to international marketing campaigns based on the similarities and differences of international markets in terms of cultural, economic, regulatory and competitive forces. Country market selection, market entry modes and ethical issues are discussed.

*Prerequisites of GBA 524, MBA 622, 625 or its equivalents are required. Student must be in acceptable plan of study.*

Credits: 3

On Occasion

#### **MKT 750 Marketing Seminar**

This seminar offers advanced special topics in marketing that are relevant to increasing the effectiveness of marketing as an organizational function. Topics will vary according to advances in the field and the environment in which marketing operates. They include research methodology and techniques, impact of technology, ethics, and global marketing strategy. The course utilizes the expertise of guest speakers, when applicable.

*Prerequisites of GBA 524, MBA 622, 625 or its equivalents are required. Student must be in acceptable plan of study.*

Credits: 3

On Occasion

## DEPARTMENT OF HEALTH CARE AND PUBLIC ADMINISTRATION

Phone: 516-299-2716

Fax: 516-299-3912

Email: [hepa@cwpost.liu.edu](mailto:hepa@cwpost.liu.edu)

Chair: Carl L. Figliola

Professors: Figliola

Associate Professors: Forman

Assistant Professor: Henderson, Mullins

Adjunct Faculty: 16

The Department of Health Care and Public Administration offers graduate degree programs that prepare students for positions in hospitals and nursing homes; county, city, town and village governments; school districts; and federal and state agencies. Taught by dedicated faculty, the curriculum stresses leadership, effective performance, problem-solving skills, ethical concerns, and program analysis and implementation in a student-centered environment.

Graduate programs offer a number of options reflecting real-world priorities: M.P.A. degrees in Public Administration or Health Care Administration; a dual J.D./M.P.A. in Health Care Administration (in conjunction with the Touro Law Center, Central Islip, N.Y.); and an Advanced Certificate in Nonprofit Management or Gerontology. The Master of Public Administration is the only program on Long Island accredited by the National Association of Schools of Public Affairs and Administration.

### M.P.A. in Public Administration

The M.P.A. in Public Administration prepares you for a wide range of managerial and leadership positions in local, state and national government, the law, and non-profit organizations. For administrators already employed in public service, this 42-credit program provides opportunities to improve your administrative skills, pursue a specific area of interest and prepare for increasing levels of responsibility and management.

Your plan of study is comprised of 18 credits of foundation courses, including: "Principles of Public Administration", "Organizational Theory and Behavior in the Public Sector", "Economic Environment and the Public Sector", "Analytical Methods", "Computer-based Management Systems" and "The Policy Process in Health Care Administration".

The Advanced Core Curriculum (nine credits) explore various aspects of public sector administration, including "Human Resource Administration", "Fundamentals of Budgeting and Finance" and "Administrative Responsibility and the Legal Environment." Nine credits of electives and a thesis complete this comprehensive course of study.

The M.P.A. degree is accredited by the

National Association of Schools of Public Affairs and Administration.

A specialization in Nonprofit Management is available.

#### Admission Requirements

Applicants to the M.P.A. Program must meet the following requirements for admission:

- Application for Admission.
- Application fee: \$40 (non-refundable)
- A bachelor's degree with a minimum G.P.A. of 3.0 from an accredited college or university or successful completion of another Master's degree. Students who do not meet these requirements are welcome to discuss their options for admission with the graduate advisor. Applicants who have attended institutions outside the United States must hold a degree equivalent to a U.S. bachelor's degree.
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

### Master of Public Administration

#### Major Requirements

##### Required Public Administration Foundation Courses

MPA	501	Principles of Public Administration	3.00
MPA	502	Organizational Theory and Behavior in the Health & Public Sectors	3.00
MPA	503	Economic Environment and the Public Sector	3.00
MPA	505	Analytical Methods	3.00
MPA	506	Performance Management & Information Systems	3.00
MPA	507	The Policy Process in Health Care and Public Administration	3.00

### Master of Public Administration: Public Administration Concentration

#### Required Public Administration Advanced Core Courses

PAD	602	Human Resource Administration in the Public Sector	3.00
PAD	603	Foundations of Budgeting and Finance in the Public Sector	3.00
PAD	604	Administrative Responsibility and the Legal Environment in the Public Sector	3.00

#### Elective Public Administration Courses

Students must complete three courses from the list below.

PAD	712	Environmental Law and Administration	3.00
PAD	714	Seminar in the Politics of Environmental Control	3.00
PAD	715	Environmental Pollution	3.00
PAD	716	Coastal Zone Management	3.00
PAD	717	Environmental Impact Analysis	3.00
PAD	725	Governmental Regulation of Land Use	3.00
PAD	729	Environmental Planning	3.00
PAD	748	Managing Metropolitan Government	3.00
PAD	780	Current Issues in Public Administration	3.00

#### Required Public Administration Capstone

##### Seminar Courses

PAD	707	Thesis Research Consultation and Thesis	3.00
PAD	708	Thesis Research Consultation and Thesis	3.00

### Master of Public Administration: Nonprofit Management Concentration

#### Required Nonprofit Management Core Courses

NPM	650	Introduction to Nonprofit Management	3.00
NPM	651	Fundraising and Development for Nonprofit Organizations	3.00
NPM	652	Human Resource Management in Nonprofit Organizations	3.00
NPM	653	Financial Management in Nonprofit Organizations	3.00
NPM	654	Legal, Ethical and Governance Issues in Nonprofit Organizations	3.00



**Elective Public Administration Courses for Nonprofit Management.**

Students must complete one course from the list below.

MPA	701	Managerial Communications	3.00
MPA	708	Work, People & Productivity	3.00
MPA	713	Grant Writing and Administration	3.00
MPA	721	Quality Improvement and Program Evaluation Strategies	3.00

**Required Nonprofit Management Capstone Seminar Courses**

NPM	707	Thesis Research Consultation	3.00
NPM	708	Thesis	3.00

<b>Foundation</b>	<b>18 credits</b>
<b>Non profit</b>	<b>15 credits</b>
<b>Electives</b>	<b>3 credits</b>
<b>Capstone</b>	<b>6 credits</b>
<b>Total</b>	<b>42 credits</b>

**M.P.A. in Health Care Administration**

The 42-credit Master of Public Administration degree in Health Care Administration provides the comprehensive curriculum needed to succeed in a highly complex, competitive and ever-changing health care environment. Courses examine both practical and theoretical problems in the field and provide an understanding of a wide range of topics including organizational structures, administrative techniques, policy analysis and program management.

The plan of study is comprised of 18 credits of foundation courses, including: "Principles of Public Administration", "Organizational Theory and Behavior in the Public Sector", "Economic Environment and the Public Sector", "Analytical Methods", "Computer-based Management Systems" and "The Policy Process in Health Care Administration."

The Advanced Core Curriculum (nine credits) explores various aspects of public sector administration, including: "Human Resource Administration", "Fundamentals of Budgeting and Finance" and "Administrative Responsibility and the Legal Environment." Nine credits of electives and a Thesis round out the program.

A specialization in Gerontology is available.

Our M.P.A. degree is accredited by the National Association of Schools of Public Affairs and Administration.

**ADMISSION REQUIREMENTS**

Applicants to the M.P.A. in Health Care

Administration must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable)
- A bachelor's degree with a minimum G.P.A. of 3.0 from an accredited college or university or successful completion of another Master's degree. Students who do not meet these requirements are welcome to discuss their options for admission with the graduate advisor. Applicants who have attended institutions outside the United States must hold a degree equivalent to a U.S. bachelor's degree.
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**Master of Public Administration in Health Care Administration Requirements**

**Required Health Care Administration Foundation Courses**

MPA	501	Principles of Public Administration	3.00
MPA	502	Organizational Theory and Behavior in the Health & Public Sectors	3.00
MPA	503	Economic Environment and the Public Sector	3.00
MPA	505	Analytical Methods	3.00
MPA	506	Computer Based Management Systems	3.00
MPA	507	The Policy Process in Health Care and Public Administration	3.00

**Required Health Care Administration Advanced Core Courses**

HAD	602	Human Resource Administration in the Health Sector	3.00
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HAD	603	Foundations of Budgeting and Finance in The Health Sector	3.00
HAD	604	Administrative Responsibility and the Legal Environment in the Health Sector	3.00

**Required Health Care Administration Capstone Seminar Courses**

HAD	707	Thesis Research Consultation and Thesis	3.00
HAD	708	Thesis Research Consultation and Thesis	3.00

**General Health Care Administration Concentration Requirements**

Students who select this concentration must complete three courses from the list below. Any 700-level MPA courses can be used in addition to the courses listed below.

HAD	701	Hospitals & Health Care Organizations	3.00
HAD	702	Epidemiology & Public Health	3.00
HAD	709	Legal Aspects In Health	3.00
HAD	710	Gerontology: Processes of Aging	3.00
HAD	711	Long-Term Care Administration	3.00
HAD	712	The Management of Senior Community Programs	3.00
HAD	713	Rehabilitation and Restorative Programs	3.00
HAD	714	Planning and Marketing in Health Care	3.00
HAD	715	Mental Health Administration	3.00
HAD	723	Economics of Health	3.00
HAD	724	Managed Care Administration	3.00
HAD	725	Financial Management of Health Care Institutions	3.00
HAD	780	Current Issues in Health Administration	3.00
HAD	726	Interdisciplinary Assessment	3.00
HAD	727	Entrepreneurship in Gerontology	3.00
HAD	728	Financial, Estate and Retirement Planning	3.00

HAD 729	Bereavement: Psychological, Cultural and Institutional Perspectives	3.00
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**Gerontology Concentration Requirements**

Students who select this concentration must complete the courses from the list below.

HAD 709	Legal Aspects In Health	3.00
HAD 710	Gerontology: Processes of Aging	3.00
HAD 711	Long-Term Care Administration	3.00
HAD 712	The Management of Senior Community Programs	3.00

<b>Foundation Courses</b>	<b>18 credits</b>
<b>Advanced Core</b>	<b>6 credits</b>
<b>Specialization</b>	<b>12 credits</b>
<b>Capstone</b>	<b>6 credits</b>
<b>Total</b>	<b>42 credits</b>

**J.D./M.P.A. in Health Care Administration**

**Dual Degree Program Offered by Touro Law Center and LIU Post**

The dual J.D./M.P.A. in Health Care Administration prepares you for a variety of challenging careers in hospitals, clinics and health care agencies. The Juris Doctor (J.D.) degree, offered by Touro Law Center in Central Islip, N.Y., provides extensive training in both fundamental legal theory and development of practical skills. The Master of Public Administration (M.P.A.) degree, offered by the College of Management at LIU Post in Brookville, N.Y., ensures a strong grounding in the principles of health care administration. The dual degrees provide a comprehensive understanding of the interaction between the business and law fields.

The M.P.A. degree is accredited by NASPAA. The J.D. degree is accredited by the American Bar Association. The number of credits required is 112, and 12 credits from each program can be transferred to the other. The J.D. and M.P.A. degrees are awarded separately by their respective institutions upon the successful completion of requirements. Students must apply and be admitted to each institution separately.

The program's unique strengths include mastery of organizational processes and structures, administrative and management techniques, and policy analysis and creation. Earning the two degrees position you for leadership roles in the rapidly changing and integrating fields of health care administration and law.

**FOR LIU POST:**

The College of Management's M.P.A. in

Health Care Administration Program has established the following criteria as the most critical in the evaluation of candidates for graduate study:

- Scholastic achievement and a desire to excel as evidenced by previous academic work.
- Motivation, leadership potential and maturity as evidenced by prior work experience and extracurricular activities.

Applicants to the Master of Public Administration (M.P.A.) at LIU Post must submit the following items for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable)
- A bachelor's degree with a minimum G.P.A. of 2.5 from an accredited college or university. Students who do not meet these requirements are welcome to discuss their options for admission with the graduate advisor. No specific undergraduate major is required for application. Applicants who are in their senior year at an undergraduate institution may apply for admission to the College of Management, but acceptance will be made contingent upon submission of final grades and receipt of the bachelor's degree. Applicants who have attended institutions outside the United States must hold a degree equivalent to a U.S. bachelor's degree.

- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Copy of LSAT score taken within the past five (5) years with a minimum score of 141.
- Two professional and/or academic letters of recommendation on company letterhead that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study. **Please indicate you are interested in the J.D./M.P.A. Program.**
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**Advanced Certificate in Gerontology**

An increase in the older person population has created a need for professionals who can guide individuals, families, communities and institutions in dealing with the special needs of the elderly.

With formal courses, lectures and case studies, the Department of Health Care and Public Administration offers instruction on an advanced level. Upon completion of this 15-credit program, LIU confers a graduate Advanced Certificate in Gerontology. The program requires successful completion of five courses. A matriculated Master of Public Administration student who pursues this certificate may transfer up to three courses from his or her M.P.A. curriculum. An Advanced Certificate in Gerontology candidate must have a bachelor's degree from an accredited institution, and an acceptable record in undergraduate and other studies as reflected on official transcripts. Each candidate must also meet admission criteria established for the M.P.A. degree program.

**ADMISSION REQUIREMENTS**

Applicants to the Advanced Certificate in Gerontology must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- A minimum overall G.P.A. of 3.0
- International students are also required to achieve a minimum Test of English as a Foreign Language (TOEFL) score of 85 Internet-based (a minimum listening score of 22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.5 or above is also acceptable.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**Advanced Certificate in Gerontology Requirements**

**Required Gerontology Course**

HAD 710	Gerontology: Processes of Aging	3.00
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**Elective Gerontology Courses**

Students must complete four courses from the following:

HAD 602	Human Resource Administration in the Health Sector	3.00
HAD 603	Foundations of Budgeting and Finance in The Health Sector	3.00
HAD 709	Legal Aspects In Health	3.00

HAD	711	Long-Term Care Administration	3.00
HAD	712	The Management of Senior Community Programs	3.00
HSN	501	Principles Of Nutritional Science	3.00
HAD	726	Interdisciplinary Assessment	3.00
HAD	727	Entrepreneurship in Gerontology	3.00
HAD	728	Financial, Estate and Retirement Planning	3.00
HAD	729	Bereavement: Psychological, Cultural and Institutional Perspectives	3.00

**Advanced Certificate in Gerontology requires 15 credits to complete.**

### Advanced Certificate in Nonprofit Management

The 15-credit Advanced Certificate in Nonprofit Management provides graduate students with an understanding of the issues unique to nonprofit organizations and the skills to supervise and manage in nonprofit settings. The certificate requires successful completion of five courses. Candidates who already have a Master of Public Administration degree may apply up to three courses (9 credits) toward the certificate. Candidates for the Advanced Certificate in Nonprofit Management must have a bachelor's degree from an accredited institution, and an acceptable record in undergraduate and other studies as reflected by official transcripts. Each candidate must also meet admission criteria established for the M.P.A. degree program.

#### ADMISSION REQUIREMENTS

Applicants to the Advanced Certificate in Non Profit Management program must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- A minimum overall G.P.A. of 3.0
- International students are also required to achieve a minimum Test of English as a Foreign Language (TOEFL) score of 85 Internet-based (a minimum listening score of

22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.5 or above is also acceptable.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

#### Advanced Certificate in Nonprofit Management Requirements

##### Required Nonprofit Management Course

NPM	650	Introduction to Nonprofit Management	3.00
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##### Advanced Nonprofit Management Courses

Students must complete three courses from the list below

NPM	651	Fundraising and Development for Nonprofit Organizations	3.00
NPM	652	Human Resource Management in Nonprofit Organizations	3.00
NPM	653	Financial Management in Nonprofit Organizations	3.00
NPM	654	Legal, Ethical and Governance Issues in Nonprofit Organizations	3.00

##### Elective Public Administration Course for Nonprofit Management

Students must complete one course from the list below

MPA	701	Managerial Communications	3.00
MPA	708	Work, People & Productivity	3.00
MPA	713	Grant Writing and Administration	3.00
MPA	721	Quality Improvement and Program Evaluation	3.00

**Advanced Certificate in Nonprofit Management requires 15 credits to complete.**

## Health Care and Public Administration Courses

### **HAD 602 Human Resource Administration in the Health Sector**

This Course explores the theories and practices of human resource administration in health service organizations such as merit systems, unionism, bureaucratic trends, personnel recruitment, testing, and performance evaluations. Other topics include equal employment opportunity, employee rights and occupational safety.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*Annually*

### **HAD 603 Foundations of Budgeting and Finance in the Health Sector**

This course familiarizes the student with the principles of budgeting and finance in the health sector. Topics include budgetary systems, methods, processes and cycles, preparation, justification and financial information systems. The course includes a survey of the federal prospective payment system and other current developments in reimbursement methods.

*Prerequisites of MPA 501 & 503 are required.*

*Credits: 3*

*Every Fall*

### **HAD 604 Administrative Responsibility and the Legal Environment in the Health Sector**

This course considers the authority and procedures utilized by health care agencies in the administration of their services. The course includes an analysis of problems of accountability and the reconciliation of the administrative process with medical, political, social, statutory and regulatory mandates.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*Every Fall*

### **HAD 701 Hospitals & Health Care Organizations**

This course reviews the organization and management of hospitals within a regional context of primary care. Included are the elements of hospital structure and organization, and a focus on problem solving and development of administrative skills.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

### **HAD 702 Epidemiology & Public Health**

This course defines and reviews the concept and practice of public health administration in the United States. It clarifies the regulatory and monitoring function derived from public health policy with special emphasis on the application of epidemiological theories and methods to the study of disease in various human populations.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

### **HAD 707 Thesis Research Consultation and Thesis**

In the first semester, advanced study of the scientific method in the Health Administration discipline together with the preparation of a master's thesis proposal, and an outline of the thesis. The second semester is devoted to the actual writing of the thesis. A student must have completed at least 36 credits to register for HAD 707 and must seek permission of the academic advisor. HAD 707 and 708 may NOT be taken simultaneously.

*Prerequisite of MPA 501, 502, 503, 504, 505, 506, & 507 is required.*

*Credits: 3*

*Every Semester*

### **HAD 708 Thesis Research Consultation and Thesis**

In the first semester, advanced study of the scientific method in the Health Administration discipline together with the preparation of a master's thesis proposal, and an outline of the thesis. The second semester is devoted to the actual writing of the thesis. A student must have completed at least 42 credits to register for HAD 708 and must seek permission of the academic advisor. HAD 707 and 708 may NOT be taken simultaneously.

*Prerequisite of HAD 707 and 42 credits completed are required.*

*Credits: 3*

*Every Semester*

### **HAD 709 Legal Aspects In Health**

This course applies legal principles to the health delivery system. Topics discussed include, but are not limited to: hospital code; consents; patients' rights; admission and discharge of patients; malpractice; liability of hospitals, physicians, and nurses; medical records; immunity of hospitals; medical staff rights and privileges; medical ethics issues relating to abortion, sterilization and artificial insemination.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

### **HAD 710 Gerontology: Processes of Aging**

This course is a survey of gerontology, including theories of aging, health and physiological aspects of aging, psychological and psychiatric problems, family and sex roles of the aged, the middle years, retirement, and institutional placement in long-term care facilities.

*Credits: 3*

*On Occasion*

### **HAD 711 Long-Term Care Administration**

This course considers the unique organizational and administrative aspects of the various types of long-term facilities as distinct from acute-care

hospitals. The course includes the special Federal and local code requirements pertinent to facility construction, administration, medical-nursing care, and other numerous therapeutic modalities required by the geriatric and convalescent patient. Note: When HAD 709, HAD 710, HAD 711, HAD 602, HAD 603 are taken as part of the total Health Care Administration curriculum, program graduates should meet the educational requirements for eligibility to take the State Board Examination for a Nursing Home Administrator's license.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

### **HAD 712 The Management of Senior Community Programs**

The emphasis in this course is on the basic skills necessary to supervise and conduct programs for the majority of older adults who are community residents. Among these are workshops and seminars on issues of retirement, nutrition, general health, outreach, information and referral assistance, and related services. Governmental programs and relevant laws and regulations are integrated with each topic.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

### **HAD 713 Rehabilitation and Restorative Programs**

This course is a study of the functions of the various services and programs, both free-standing or in health facilities, that concern themselves with restoration from chronic disease, orthopedic disabilities, post-cardiovascular and other disabling conditions. The course includes familiarization with the workman's compensation system.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

### **HAD 714 Planning and Marketing in Health Care**

This course examines the issues pertinent to the role of the planning and marketing functions in a health organization. Principles of planning, the relationship between health planning and the development of a marketing plan, and action planning are explored as a means to provide coordination in meeting health needs and providing health services.

*Prerequisite of MPA 501,502 & MPA 503 are required.*

*Credits: 3*

*On Occasion*

### **HAD 715 Mental Health Administration**

This course is designed to acquaint the health administrator with the organizational, legal and political issues affecting the delivery of mental health services.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

#### **HAD 723 Economics of Health**

This course reviews health delivery as an economic activity. Determinants of demand for health services are analyzed and the supply of resources is examined, along with the various approaches to bring the two into equilibrium. Particular attention is given to public involvement in health services in the form of licensure, regulation, financing and planning.

*Prerequisite of MPA 501, 502 & MPA 503 are required.*

*Credits: 3*

*On Occasion*

#### **HAD 724 Managed Care Administration**

This course analyzes various forms of managed care systems in terms of legislation, organization, administration, financing, marketing and legal aspects. An analysis of the essential ingredients in the success of prepaid systems is included.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

#### **HAD 725 Financial Management of Health Care Institutions**

This course is a description and analysis of financial issues on the institutional level. Topics include third party payment systems, managed care financing and the contracting with providers and systems of cost control.

*Prerequisites of MPA 503 & HAD 603 are required.*

*Credits: 3*

*On Occasion*

#### **HAD 727 Entrepreneurship in Gerontology**

This course analyzes entrepreneurial concepts in gerontology, integrating project planning and marketing of aging services. Students study methods used to achieve goals and objectives in a highly competitive, resource constrained elder care environment. The course explores the characteristics of both free and regulated public and private geriatrics markets and life extension implications.

*Prerequisites of MPA 501 & 503 are required.*

*Credits: 3*

*On Occasion*

#### **HAD 780 Current Issues in Health Administration**

A special topics course exploring selected themes, current developments and emerging issues in health administration. Recent sections have focused on advanced computer application, quality assurance, death and dying, and program evaluation.

*Prerequisites of MPA 501, 502, 503, and 507 are required.*

*Credits: 3*

*On Occasion*

#### **MPA 501 Principles of Public Administration**

This course is a prerequisite or co-requisite for all other courses in the program. This course is an introduction to the field of Public Administration and includes organization and management concepts and the political process. The origin, growth and interrelationships within the public sector are discussed. This discussion falls within the broader School of Public Service context of public policy processes with special attention to the topics of bureaucracy and intergovernmental relations.

*Credits: 3*

*Every Semester*

#### **MPA 502 Organizational Theory and Behavior in the Health & Public Sectors**

This course examines and analyzes organizational theories with emphasis on the informal and formal aspects of the administrative process. Topics include individual behavior patterns, group dynamics, communication, motivation, decision-making, and leadership as they relate to the public health and nonprofit sector.

*Credits: 3*

*Every Semester*

#### **MPA 503 Economic Environment and the Public Sector**

This course examines the role of the public sector in economic decision-making. The nature of public goods is described as it relates to the allocation, stabilization, and distribution functions of the economic system. The role of private investment, the relations between government and business, and the use of national income accounts are examined. Opposing views about the reasons, methods and institutions influencing governmental regulation, fiscal and monetary policy and action are presented.

*Credits: 3*

*Every Semester*

#### **MPA 505 Analytical Methods**

This course is an introduction to the methods, tools and uses of applied research. The course surveys basic data gathering, analytical concepts and techniques as they apply to administrative problems. Skills and issues related to research are also considered.

*Prerequisite of MPA 501, 502 & MPA 503 are required.*

*Credits: 3*

*Every Semester*

#### **MPA 506 Performance Management and Information Systems in the Public Sector**

This course is an introduction to current concepts in information systems design and management. The use of these systems and implications for managers are covered. Topics include the information systems life cycle and dimensions of computer-assisted management (e.g., office automation, electronic spreadsheets, data base management and word processing).

*Credits: 3*

*Every Semester*

#### **MPA 507 The Policy Process in Health Care and Public Administration**

This course is an analysis of the policy process in terms of the development and implementation of programs as they relate to the health care and public sectors. The impact of special interests is examined as an integral part of the process. A variety of timely subject/case studies are explored.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*Every Semester*

#### **MPA 701 Managerial Communications**

In this course, theory and practice in written and oral communication as applied to the public, health and nonprofit sectors are examined. Report writing, memo writing, correspondence and oral presentations are included.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

#### **MPA 704 Intergovernmental Relations**

This course is an analysis of the vertical and horizontal relationships of the national, state and local governments. Topics include the theory of federalism, intergovernmental cooperation and conflict, municipal, state and regional relationships.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

#### **MPA 707 Training & Development**

This course is devoted to the kinds of activities and problems encountered by an agency's director of training and development. Such items as the role of the training director in organizational development, the relationship with line managers, the relationship with the president, and the techniques of training are examined by case studies, lectures and outside speakers.

*Prerequisites of MPA 502 and HAD 602 and PAD 602 are required.*

*Credits: 3*

*On Occasion*

#### **MPA 708 Work, People & Productivity**

This course focuses on learning and practicing practical management and supervisory techniques for improving individual, group and organizational performance. Students learn the principles of behavioral management which they apply in a project at their own work place. They learn and practice giving effective positive and corrective feedback, and to manage inter-group and interpersonal conflict. Students learn to analyze their own work style, and the styles of others, and discuss how to allocate tasks based upon that knowledge. They learn how to conduct effective meetings, and how to lead work groups through a problem-solving process.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

**MPA 710 Labor Relations in the Public Sector**

This course examines the interaction of the labor movement with management in the political setting of government. This course also examines collective bargaining in relation to public bodies, and the impact of bargaining on a fiscal budget. Other policy processes as well as the role of the administration are covered and include strategies of bargaining and the role of public opinion.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

**MPA 712 Managing Diversity in the Workplace**

This course examines the role and function played by diversity, civil and human rights, and administrative agencies at the federal, state and local levels. The course analyzes the governmental response to diversity issues. Topics include a review of current legislation and the respective agencies established to address the problems of discrimination.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

**MPA 713 Grant Writing and Administration**

In this highly experiential course, students locate available federal, state, local and foundation sources of funding for a specific project, write a letter proposal to a foundation or private sector organization, and follow-up with a full grant proposal, following the request for proposal (RFP) guidelines to a federal, state or local agency. Topics addressed include effective research, creating a plan for the program, elements of a good proposal, components of the proposal package and strategies for getting a proposal read by a foundation or corporation officer. Administration, evaluation and reporting functions, as well as accountability are described and discussed.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

**MPA 721 Quality Improvement and Strategies**

This course prepares students with the theory, knowledge and skills to implement program evaluation and quality improvement (e.g., Total Quality Management) strategies and measurements. The focus of the course is on applications in Health Care Human Services and Public Sector Organizations.

*Prerequisites of MPA 504 and 505 are required.*

Credits: 3  
On Occasion

**MPA 724 Organizational Change & Development**

A detailed examination of organization development with a specialization in restructuring for a more efficient delivery system of policy progress.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

**MPA 777 Critical Issues in the Health Public and Private Sectors**

This course reviews critical issues facing the public and private sectors and their interrelationship. Noted figures from the public and private sectors present the issues from their perspective.

*Prerequisites of MPA 501 and 507 are required.*

Credits: 3  
On Occasion

**MPA 785 Independent Study**

The student is expected to research one specific phase of a problem in considerable depth under the supervision of a faculty advisor, and to prepare a well-documented evaluative report expressing his/her own assessment of the impact and significance of both the problem and of one or more solutions.

Credits: 3  
Every Semester

**MPA 788 Graduate Internship in Administration**

An opportunity for students without administrative experience to work in an organization based upon a plan approved by the head of the program and the agency. Students prepare a substantial research and/or analytical paper concerning their experience and participate in an Internship Seminar.

Credits: 3  
Every Semester

**NPM 650 Introduction to Nonprofit Management**

This course introduces students to nonprofit management beginning with the history of philanthropy and the emergence of the nonprofit sector. Classical organizational theory and principles as well as current management and supervision practices are applied to the structure, resources and mission of the nonprofit organization. Special attention is focused on strategic planning.

*Prerequisite of MPA 501,502 & MPA 503 are required.*

Credits: 3  
On Occasion

**NPM 651 Fundraising and Development for Nonprofit Organizations**

The course provides an overview of sources of funding for nonprofit organizations. It explains the fundraising manager's role in development planning and focuses on mechanisms for raising money, including donor profiles, foundation and corporate philanthropy, government grant and contract programs, special events, marketing and public relations functions, direct mail and membership campaigns, planned giving, major gifts and capital campaigns. Ethical and legal issues related to fundraising are also addressed.

*Prerequisite of MPA 501,502 & MPA 503 are*

*required.*  
Credits: 3  
On Occasion

**NPM 652 Human Resource Management in Nonprofit Organizations**

The course examines methods of recruiting, developing, supervising, motivating and recognizing volunteers and staff, maximizing staff-volunteer relations, and communicating the mission effectively within the organization. HRM topics such as legal employment issues, recruiting and hiring practices, diversity in the workplace, compensation and benefits, performance appraisal, grievance mechanisms and discipline are also explored.

*Prerequisite of NPM 650 is required.*

Credits: 3  
On Occasion

**NPM 653 Financial Management in Nonprofit Organizations**

This course addresses financial management concepts and techniques required for effective management of nonprofit organizations. Topics include nonprofit accounting, budget management, revenue forecasting, financial statements/reports, tax issues, grant compliance, internal expenditure control, audits, cash flow management, long-term planning, endowment management, and capital financing.

*Prerequisite of NPM 650 is required.*

Credits: 3  
On Occasion

**NPM 654 Legal, Ethical and Governance Issues in Nonprofit Organizations**

This course examines the laws affecting the establishment and operation of nonprofit organizations, including incorporation and tax-exempt status, general liability, regulatory compliance/reporting, and contracts. The course explores the roles, responsibilities, processes and powers of boards of directors including issues of board liability. The nonprofit agency's advocacy responsibilities and opportunities and ethical issues are examined and discussed.

*Prerequisite of NPM 650 is required.*

Credits: 3  
On Occasion

**NPM 707 Thesis Research Consultation and Thesis**

In the first semester, students complete the advanced study of the scientific method in the Public Administration discipline, together with the preparation of a master's thesis proposal, and an outline of the thesis. The second semester is devoted to the actual writing of the thesis. A student must have completed at least 36 credits to register for NPM 707 and must seek permission of the academic advisor. NPM 707 and 708 may NOT be taken simultaneously.

*Prerequisite of MPA 501, 502, 503, 504, 505,506, 507 and 36 credits completed are required.*

Credits: 3  
Every Semester

### **NPM 708 Thesis Research Consultation and Thesis**

In the first semester, students complete the advanced study of the scientific method in the Public Administration discipline, together with the preparation of a master's thesis proposal, and an outline of the thesis. The second semester is devoted to the actual writing of the thesis. A student must have completed at least 42 credits to register for NPM 708 and must seek permission of the academic advisor. NPM 707 and 708 may NOT be taken simultaneously.

*Prerequisite of NPM 707 and 42 credits are required.*

Credits: 3  
Every Semester

### **PAD 601 Public Administration, Policies & Regulatory Practices**

An analysis of regulating administration in terms of policy development and the monitoring of public sector progress.

*Prerequisite of MPA 501,502 & MPA 503 are required.*

Credits: 3  
On Occasion

### **PAD 602 Human Resource Administration in the Public Sector**

This course is an exploration of the theories and practices of human resource administration in the public sector, including the merit system, civil service and unionism. Bureaucratic trends, personnel, recruitment, testing, and performance evaluation are discussed. Other topics include equal employment opportunity, employee rights and occupational safety.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
Every Spring

### **PAD 603 Foundations of Budgeting and Finance in the Public Sector**

This course familiarizes the student with the principles of budgeting, accounting and auditing in the public sector. Topics include budgetary systems, methods, processes and cycles, preparation and justification of financial information.

*Prerequisites of MPA 501 & 503 are required.*

Credits: 3  
Every Spring

### **PAD 604 Administrative Responsibility and the Legal Environment in the Public Sector**

This course considers the authority and procedures utilized by government agencies in the administration of public affairs. It includes the analysis of problems of accountability and the reconciliation of the administrative process with constitutional, statutory, and regulatory mandates.

*Prerequisites of MPA 501, 502, 503 & 507 are required.*

Credits: 3  
Every Spring

### **PAD 707 Thesis Research Consultation and Thesis**

In the first semester, students complete the advanced study of the scientific method in the Public Administration discipline, together with the preparation of a master's thesis proposal, and an outline of the thesis. The second semester is devoted to the actual writing of the thesis. A student must have completed at least 36 credits to register for PAD 707 and must seek permission of the academic advisor. PAD 707 and 708 may NOT be taken simultaneously.

*Prerequisite of MPA 501, 502, 503, 504, 505,506, 507 and 36 credits completed are required..*

Credits: 3  
Every Semester

### **PAD 708 Thesis Research Consultation and Thesis**

In the first semester, students complete the advanced study of the scientific method in the Public Administration discipline, together with the preparation of a master's thesis proposal, and an outline of the thesis. The second semester is devoted to the actual writing of the thesis. A student must have completed at least 42 credits to register for PAD 708 and must seek permission of the academic advisor. PAD 707 and 708 may NOT be taken simultaneously.

*Prerequisite of PAD 707 and 42 credits completed*

Credits: 3  
Every Semester

### **PAD 712 Environmental Law and Administration**

This course is an analysis of federal, state and local government laws and regulations concerning the environment. Political and administrative problems concerning the implementation of such legislation, regulatory approaches, subsidies, and other governmental alternatives are examined.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

### **PAD 714 Seminar in the Politics of Environmental Control**

This course is an investigation of problems in the politics of environmental control, including: air, water and noise pollution; regional planning; transportation; population growth; and conservation of natural resources. Field studies in this area are included. Students produce research papers on different aspects of the man-environment relationship.

*Prerequisites of MPA 501, 502, & 507 are required.*

Credits: 3  
On Occasion

### **PAD 715 Environmental Pollution**

This course is a comprehensive review of the origin, detection, and control of pollutants in the surface and ground waters, atmospheres and terrestrial

environments. Auditory and visual pollution are included. Conventional and advanced technologies are covered for water supply and wastewater treatment, air pollution control, and solid waste management.

Federal, state and local environmental standards are reviewed along with regulatory structures.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

### **PAD 716 Coastal Zone Management**

The course deals with the following: techniques for mapping coastal resources; wetland zoning problems; causes, consequences, and management of stormwaters and their runoffs; and erosion problems and their impact. Field work involves projects on such problems as Long Island coastal watershed mapping and the development of management guidelines; and the surveying of Long Island wetland resources and the preparation of management recommendations.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

### **PAD 717 Environmental Impact Analysis**

This course reviews federal and state laws specifying environmental impact statements, procedural elements, and means of compliance. The techniques for the evaluation of primary and secondary impact on all components of the natural and human environments with methods for mitigating significant adverse impact are discussed. Environmental ecosystems, water and air quality, noise, esthetics, historic/archaeological considerations, transportation, population and land use, employment, etc. are covered.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

### **PAD 723 Regional Planning Process**

An examination of the regional planning process with emphasis on zoning. Economic development and environmental concerns.

Credits: 3  
On Occasion

### **PAD 725 Governmental Regulation of Land Use**

This course examines various forms of governmental power (zoning, eminent domain, urban renewal) to regulate the use of land.

*Prerequisites of MPA 501& 502 are required.*

Credits: 3  
On Occasion

### **PAD 729 Environmental Planning**

This is a survey course exploring the development, utilization and maintenance of natural and man-made resources. The planning function and its relationship to the environment are covered.

Problems of air and water pollution, sewage, energy conservation, and noise levels are examined as they relate to planning.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*

**PAD 734 Administration In Local Government**

A detailed examination of local governments with emphasis on village, town and municipal. Course will also explore special districts and public authorities.

*Prerequisites of MPA 501, 503, and 507 are required.*

*Credits: 3*

*On Occasion*

**PAD 748 Managing Metropolitan Government**

This course examines the politics of changing constituencies and their impact on community participation and city management. This course surveys the management and organization of American metropolitan areas.

*Prerequisites of MPA 501, 503, and 507 are required.*

*Credits: 3*

*On Occasion*

**PAD 780 Current Issues in Public Administration**

This course is a special topic course exploring selected themes, current developments and emerging issues. Recent sections have focused on advanced computer application, quality circles, George Orwell, and Sunset Legislation.

*Prerequisites of MPA 501& 502 are required.*

*Credits: 3*

*On Occasion*



## SCHOOL OF PROFESSIONAL ACCOUNTANCY

Phone: 516-299-2364

Fax: 516-299-2297

Director: Charles A. Barragato

Professors: Abatemarco, Barragato, Bertucelli, Comunale

Associate Professors: Leopold-Persoff, Rosner

Adjunct Faculty: 10

The School of Professional Accountancy holds the proud distinction of being the first autonomous school of professional accountancy in the nation. Founded in 1974, the School prepares students for careers as accountants, tax preparers and estate and financial planners. The curriculum qualifies students to sit for the Certified Public Accountant (CPA) examination in New York State. Graduate programs in accountancy and taxation are offered in the blended learning format, which combines the convenience of online learning with the benefits of live classroom discussion and interaction. The School is part of LIU Post's College of Management, which is accredited by AACSB International – the Association to Advance Collegiate Schools of Business.

All courses incorporate the latest technology and software applications in the digital accounting and taxation fields. Our faculty members possess an unsurpassed combination of experience and professional and academic credentials. An extensive internship program connects students with leading firms in the New York metropolitan area. Graduates are recruited by the "Big Four" global accounting firms as well as international, national, regional, and local accounting firms; corporations, and government agencies. In addition, student organizations regularly bring accounting professionals to campus to meet with accounting majors at formal and informal events.

### M.S. in Accountancy

#### CONCENTRATION IN PROFESSIONAL ACCOUNTING

The 30-credit Master of Science in Accountancy with a concentration in Professional Accounting will prepare you for a career in public accounting, industry or government enterprises. This widely respected program offers a rigorous course of study taught by top tax and accounting professionals with expertise in a broad range of topics.

The program is offered in a blended learning format, which combines the convenience of online learning with the richness of live classroom discussion and interaction. Four courses are available online: "Not-for-Profit Entity Accounting," "Financial Statement Analysis," "Advanced Accounting Information Systems," and "Advanced Assurance Services and Computer

Auditing." The remaining six courses are held in the headquarters of the School of Professional Accountancy, Lorber Hall, which is equipped with "smart" classrooms, computer labs, wireless Internet, and faculty and academic advising offices. The M.S. in Accountancy program is registered by the New York State Education Department to qualify for a one-year reduction of the experience requirement for CPA licensure.\*

It is intended for those individuals who have completed an undergraduate degree in accounting at an accredited college or university and who wish to fulfill the 150-hour requirement. For those interested students who did not major in Accounting, prerequisite courses are necessary. Please consult Cathy Black at the Office of Graduate Programs at 516-299-4182 or cathy.black@liu.edu for further information.

#### Program Goals

1. Demonstrate knowledge and understanding beyond accounting fundamentals
2. Demonstrate ability to analyze, synthesize, and apply accounting issues in domestic and international settings
3. Demonstrate effective oral and written communication skills
4. Use information technology for decision making and problem solving in business
5. Identify and apply regulatory requirements in business and accounting environments
6. Demonstrate ability to work effectively in teams

*\*The one-year reduction of the experience requirement applies only to candidates who have completed the required prerequisites (or their equivalent). The New York State Education Department 150-hour program requires that certain content areas be met in the areas of professional accountancy, general business, and liberal arts and sciences.*

#### CONCENTRATION IN TAXATION

The 30-credit Master of Science in Accountancy with a concentration in Taxation is designed to provide the student with the technical expertise needed to succeed as an accountant or business adviser with a specialization in tax issues. Combining a thorough education in accounting with a critical specialty in taxation and taught by expert professionals with excellent academic credentials, the M.S. in Accountancy with a concentration in Taxation is a degree of extraordinary value.

The program is offered in a blended learning format, which combines the convenience of online learning with the richness of live classroom discussion and interaction. Four courses are available online: "Not-for-Profit Entity Accounting," "Financial Statement Analysis," "Advanced Accounting Information Systems," and "Advanced Assurance Services and Computer Auditing." The remaining six courses are held in the headquarters of the School of Professional Accountancy, Lorber Hall, which is equipped with "smart" classrooms, computer labs, wireless

connections, and faculty and academic advising offices.

The M.S. in Accountancy is registered by the New York State Education Department to qualify for a one-year reduction of the experience requirement for CPA licensure.\* It is intended for those individuals who have completed an undergraduate degree in accounting at an accredited college or university and who wish to fulfill the 150-hour requirement.

For those interested students who did not major in Accounting, prerequisite courses are necessary. Please consult Cathy Black at the Office of Graduate Programs at 516-299-4182 or cathy.black@liu.edu for further information.

*\*The one-year reduction of the experience requirement applies only to candidates who have completed the required prerequisites (or their equivalent). The New York State Education Department 150-hour program requires that certain content areas be met in the areas of professional accountancy, general business, and liberal arts and sciences.*

#### ADMISSION REQUIREMENTS

Applicants to the Master of Science in Accountancy must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of all transcripts from any college(s) or universities you have attended, including college level high school courses.
- Bachelor's degree from an accredited college with at least a 3.0 cumulative grade point average in undergraduate studies or successful completion of another master's degree. An applicant who attended institutions outside the United States must hold a degree equivalent to a U.S. bachelor's degree. An undergraduate major in accounting is required for the M.S. in Accountancy program.
- An applicant who is in his or her senior year at an undergraduate institution may apply for admission, but acceptance is contingent upon submission of final grades and receipt of a bachelor's degree. All previous coursework will be evaluated by the graduate accounting advisor. Students who have not taken necessary prerequisites may be admitted to the program subject to the completion of prerequisites with a B or better as part of their program of study. The following criteria have been established as the most critical in the evaluation of the application:
  - Scholastic achievement and a desire to excel as evidence by previous academic work;
  - Aptitude for graduate study as indicated by scores on the GMAT;
  - Leadership potential and maturity as evidence by prior work experience, extracurricular activities, and responses to the application form questions.
- A minimum score of 400 on the GMAT® exam or a minimum 141 on the LSAT. Applicants

holding professional licenses or advanced degrees may be eligible for a waiver.

- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Accountancy**

**Major Requirements**

**Required Graduate Accountancy Courses**

ACC 750	Advanced Accounting Information Systems	3.00
ACC 753	Advanced Assurance Services and Computer Auditing	3.00

**Students must complete one of the following:**

ACC 709	Corporate Financial Reporting	3.00
ACC 742	Financial Statement Analysis	3.00

**M.S. in Accountancy with a concentration in Professional Accounting**

**Required Taxation Courses**

Students must complete one of the following:

TAX 726	Tax Strategies and Business Decisions	3.00
TAX 760	Tax Research	3.00

**Elective Accounting Courses**

Students must complete three of the following:

ACC 709	Corporate Financial Reporting	3.00
ACC 720	Not-for-Profit Entity Accounting	3.00
ACC 742	Financial Statement Analysis	3.00
ACC 754	Fraud Examination	3.00
ACC 790	Accounting Seminar	3.00
TAX 620	Tax Accounting	3.00
TAX 625	Federal Taxation of Estates, Gifts and Trusts	3.00
TAX 726	Tax Strategies and Business Decisions	3.00

TAX 729	State & Local Taxation	3.00
TAX 760	Tax Research	3.00
TAX 762	Procedures and Practices in Federal Taxation	3.00
TAX 771	Corporate Taxation	3.00
TAX 772	Corporate Reorganizations and Consolidations	3.00
TAX 773	Consolidated Returns	3.00
TAX 775	Introduction to Partnerships and Limited Liability Entities	3.00
TAX 776	Subchapter S Corporations	3.00
TAX 777	Estate Planning	3.00
TAX 778	Advanced Partnerships and Limited Liability Entities	3.00
TAX 779	Tax Exempt Organizations	3.00
TAX 780	Fundamentals of Qualified Employee Benefit Plans	3.00
TAX 788	International Taxation	3.00
TAX 790	Seminar in Current Developments in Taxation	3.00
TAX 791	Independent Study (Director's Permission)	3.00

**Elective Graduate Business Courses**

Students must complete two graduate Business courses from the following (BLW, FIN, IBU, MAN, MBA, MIS, or MKT).

**Elective Graduate Accounting, Business or Taxation Courses**

Students must complete one graduate Accounting, Business or Taxation course from the following (ACC, BLW, FIN, IBU, MAN, MBA, MIS, MKT, or TAX).

**M.S. in Accountancy with a concentration in Taxation**

**Required Taxation Course**

TAX 760	Tax Research	3.00
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**Elective Taxation Courses**

Students must complete three of the following:

TAX 620	Tax Accounting	3.00
TAX 625	Federal Taxation of Estates, Gifts and Trusts	3.00
TAX 729	State & Local Taxation	3.00

TAX 762	Procedures and Practices in Federal Taxation	3.00
TAX 771	Corporate Taxation	3.00
TAX 775	Introduction to Partnerships and Limited Liability Entities	3.00
TAX 777	Estate Planning	3.00
TAX 778	Advanced Partnerships and Limited Liability Entities	3.00
TAX 788	International Taxation	3.00

**Elective Graduate Business Courses**

Students must complete two graduate Business courses from the following (MAN or MBA).

**Elective Graduate Accounting, Business or Taxation Courses**

Students must complete one graduate Accounting, Business or Taxation course from the following (ACC, BLW, FIN, IBU, MAN, MBA, MIS, MKT, or TAX).

**Typical M.S. in Accountancy (Professional Accounting or Taxation) is 30 credits.**

**M.S. in Taxation**

The 30-credit Master of Science program in Taxation is designed to provide the student with the technical expertise to succeed as a tax professional. This requires a high level of knowledge and understanding of the fundamental principles and practices of taxation. Both entry-level and experienced professionals, such as accountants and attorneys, will benefit from this educational experience.

Emphasis is placed on tax planning, research of tax problems, and Internal Revenue procedures. Risk management and professional ethics are interwoven throughout the curriculum. A specialized tax library, including computerized research tools, is maintained to facilitate research.

The program consists of 18 required core courses and 12 credits in specialized elective courses.

The program is delivered in a blended learning format, which combines the convenience of online learning with the richness of live classroom discussion and interaction. Online courses include "Tax Research," "Subchapter S Corporations" and "Federal Taxation of Estates, Gifts and Trusts." Onsite classes are held in the headquarters of the LIU Post School of Professional Accountancy, Lorber Hall, which is equipped with "smart" classrooms, computer labs, wireless Internet, and faculty and academic advising offices.

**Program Goals**

1. Develop and understanding of the techniques of tax research utilizing information technology
2. Demonstrate ability to identify and measure the

- tax consequences of actions taken by individuals, partnerships and corporations
3. Demonstrate ability to analyze and solve tax problems through the application of critical thinking skills
  4. Demonstrate knowledge of the tax consequences of income, gift and estate tax
  5. Recognize and analyze ethical and professional responsibility issues in tax practice
  6. Demonstrate ability to analyze complex taxation problems and effectively communicate analysis in writing

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science in Taxation must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- A four year baccalaureate degree, with at least a 3.0 cumulative grade point average, from an accredited institution, including 3 credits of Auditing, 3 credits of Individual and Corporate Taxes and 3 credits each of Business and Commercial Law (total 12 credits). An applicant who attended institutions outside the United States must hold a degree equivalent to a U.S. bachelor's degree.
- An applicant who is in his or her senior year at an undergraduate institution may apply for admission, but acceptance is contingent upon submission of final grades and receipt of a bachelor's degree. All previous coursework will be evaluated by the graduate accounting advisor. Students who have not taken necessary prerequisites may be admitted to the program subject to the completion of prerequisites with a B or better as part of their program of study. The following criteria have been established as the most critical in the evaluation of the application:
  - Scholastic achievement and a desire to excel as evidence by previous academic work;
  - Aptitude for graduate study as indicated by scores on the GMAT;
  - Leadership potential and maturity as evidence by prior work experience, extracurricular activities, and responses to the application form questions.
- Scholastic achievement and a desire to excel as evidence by previous academic work;
- Aptitude for graduate study as indicated by scores on the GMAT;
- Leadership potential and maturity as evidence by prior work experience, extracurricular activities, and responses to the application form questions.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason

you are interested in pursuing graduate work in this area of study.

- A minimum score of 400 on the GMAT® exam or a minimum 141 on the LSAT. Applicants holding professional licenses or advanced degrees may be eligible for a waiver.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
 LIU Post  
 720 Northern Boulevard  
 Brookville, N.Y. 11548-1300

**M.S. in Taxation Requirements**

**Required Taxation Core Courses**

TAX	620	Tax Accounting	3.00
TAX	625	Federal Taxation of Estates, Gifts and Trusts	3.00
TAX	760	Tax Research	3.00
TAX	762	Procedures and Practices in Federal Taxation	3.00
TAX	771	Corporate Taxation	3.00
TAX	775	Introduction to Partnerships and Limited Liability Entities	3.00

**Elective Taxation Courses**

Students must complete twelve credits from the following:

TAX	729	State & Local Taxation	3.00
TAX	772	Corporate Reorganization & Consolidation	3.00
TAX	773	Consolidated Returns	3.00
TAX	776	Subchapter S Corporations	3.00
TAX	777	Estate Planning	3.00
TAX	778	Advanced Partnerships and Limited Liability Entities	3.00
TAX	779	Tax-Exempt Organizations	3.00
TAX	780	Fundamentals of Qualified Employee Benefit Plans	3.00
TAX	782	Investment Tax Problems	3.00
TAX	788	International Taxation	3.00
TAX	790	Seminar in Current Developments in Taxation	3.00
TAX	791	Independent Study	3.00

## Accounting, Taxation, and Business Law Courses

### ACC 709 Corporate Financial Reporting

This course involves the study of authoritative pronouncements on accounting principles that guide reporting financial position, results of operations, and changes in cash flow. It includes case studies and analysis of published financial reports. The purpose of this course is to attempt to bring theory and practice closer together through application of concepts and methods of accounting.

*Credits: 3*

*On Occasion*

### ACC 720 Not-for-Profit Entity Accounting

This course provides an in-depth study of the accounting for government and other nonprofit organizations. The course focuses on the various governmental funds and group of accounts of these public entities. In addition, attention is given to other nonprofit organizations such as colleges, universities, and hospitals.

*Credits: 3*

*Annually*

### ACC 742 Financial Statement Analysis

This course provides a survey of analytical tools and techniques used to evaluate financial statements. Financial and corporate reports are analyzed for solvency, quality of earnings, investments, and forecasting implications. Emphasis is placed on ratio and trend analysis for the detection and interpretation of strengths, weaknesses, and problems areas.

*Credits: 3*

*Every Fall and Spring*

### ACC 750 Advanced Accounting Information Systems

This course provides an advanced examination of accounting information systems (AIS). It includes issues relating to the design and development of AIS with emphasis on the software selection process, hands-on experience in designing accounting information systems using a database approach, various considerations during the systems development life cycle, and the impact of new and emerging technologies on AIS applications and controls.

*Credits: 3*

*Annually*

### ACC 753 Advanced Assurance Services and Computer Auditing

This course provides an advanced review of assurance services and an in-depth analysis of computer auditing. Students study current and emerging applications of assurance services, including information systems assurance. The course also focuses on the collection and evaluation of evidence using statistical sampling techniques and hands-on computer assisted audit tools and

techniques(CAATTs).

*Prerequisite of ACC 750 is required.*

*Credits: 3*

*Annually*

### ACC 754 Fraud Examination

The nature of fraud, elements of fraud, fraud prevention, fraud detection, fraud investigation, design and use of controls to prevent fraud, and methods of fraud resolution are examined in this course. The role of fraud examination to perform a variety of antifraud and forensic accounting engagements including, but not limited to, investigating suspected fraud, investigating assertions of fraud, developing fraud loss estimates and performing acquisition due diligence are also considered.

*Credits: 3*

*Annually*

### ACC 790 Accounting Seminar

Current trends in accounting and the accounting profession are analyzed. A review of relevant pronouncements, exposure drafts and discussion memoranda issued in accounting and auditing is conducted. New developments are examined for their significance to the practicing accountant.

*Prerequisite of Completion of Accounting Core Courses is required.*

*Credits: 3*

*Annually*

### BLW 701 Law For Business Managers

This course examines the current legal environment of business and how it affects the decision-making process for managers of business enterprises. The topics covered include ethics, contracts, torts, intellectual property, international transactions, employment agreements, real property, consumer protection, forms of business organizations, and debtor-creditor relations.

*Prerequisites of GBA 520, 521, 522, 523, 524, 525 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*Annually*

### GBA 521 Financial Accounting and Reporting

This course examines basic accounting concepts and methods and their significance to management and other users of financial statements. Topics include an introduction to fundamental accounting concepts; the measurement and reporting of income, financial position, and cash flows; and the measurement and reporting of assets, liabilities, and stockholders' equity. Ethical issues are considered throughout this course.

*MBA Students only.*

*Credits: 3*

*Every Fall and Spring*

### TAX 620 Tax Accounting

This course will provide the participant with an in-depth analysis of the Code, Regulations, Rulings and Cases governing tax accounting issues. Areas

covered include accounting periods and methods (including cash, accrual and installment sales), inventory rules, debt-forgiveness, time-value of money concepts and required adjustments for changes in accounting methods. Materials are introduced via lecture, open class discussion and review of selected case studies.

*Credits: 3*

*Annually*

### TAX 625 Federal Taxation of Estates, Gifts and Trusts

A detailed study of the gift and estate tax provisions of the Internal Revenue Code is covered. An introduction to the income taxation of trusts and estates is also provided.

*Credits: 3*

*Annually*

### TAX 726 Tax Strategies and Business Decisions

This course includes an examination of how taxes impact the business environment and affect management decision making. Using a planning approach, students learn how to adapt to constantly changing tax rules and assess their future impact. The objective of the course is to provide the student with a framework to assess and predict how taxes affect business activities and participants, including customers, suppliers, employees, investors, and competitors. M.S. in Taxation students and M.S. in Accountancy students in the taxation concentration may not receive credit for this course.

*Prerequisite of GBA 520, 521, 522, 523, 524, 525, MBA 620, 621, 622, 623, 624, 625 or its equivalents are required. Student must be in acceptable plan of study.*

*Credits: 3*

*On Occasion*

### TAX 729 State & Local Taxation

In-depth analysis of Nexus, Uniform Division of Income for Tax Purposes Act, the unitary principle, the multi-state taxes compact regulations and P.L. 86-272. Various landmark Supreme Court decisions pertaining to multi-state taxation are discussed. Emphasis is placed on New York State Income, Franchise and Sales Taxes for those entities doing business in New York State.

*Credits: 3*

*Annually*

### TAX 760 Tax Research

Sources of Legislative, Administrative and Legal precedents are discussed. Utilization of IRS publications, tax reporters, and judicial and statutory authority is explained. An introduction to computer-based tax research tools and techniques is included. Several research projects using these materials are required. Written and oral techniques for presenting research results are discussed. The presentation of three written research papers is required. This course is taught primarily on a distance learning basis. Assignments are prepared on and submitted via the Internet and weekly discussion board questions are discussed. The

participant must have access to a computer with Internet access.

*Credits: 3*  
*Annually*

#### **TAX 762 Procedures and Practices in Federal Taxation**

Among topics considered are preparation of tax returns, due dates and extensions, techniques for gathering information and preparation of returns, statute of limitations, tax examinations, appeals procedures in the IRS, request for rulings, collection matters, tax fraud, and professional responsibility of taxpayer's representatives.

*Credits: 3*  
*Annually*

#### **TAX 771 Corporate Taxation**

This course reviews the tax aspects of corporate formations, including corporate characteristics, transfers to controlled corporations, corporate capital structure, the income tax calculations for corporate entities and elections. Topics covered include corporate stockholder relationships, corporate distributions, corporate redemptions and partial liquidation, accumulated earnings, and personal holding companies.

*Prerequisite of TAX 620 & TAX 760 is required.*  
*Credits: 3*  
*Annually*

#### **TAX 772 Corporate Reorganization and Consolidations**

Coverage includes reorganizations, recapitalization, acquisitions and disposal of assets, mergers, and divisive reorganizations as well as corporate tax attributes.

*Prerequisite of TAX 771 is required.*  
*Credits: 3*  
*On Occasion*

#### **TAX 773 Consolidated Returns**

This course deals with the principles and mechanics of consolidated returns including eligibility, computation of consolidated tax liability, inter-company transactions, inventory adjustments, basis of property, net operating losses, earnings and profits and separate return limitations.

*Prerequisite of TAX 771 is required.*  
*Credits: 3*  
*On Occasion*

#### **TAX 775 Introduction to Partnerships and Limited Liability Entities**

A study of the fundamentals of Subchapter K of the Internal Revenue Code and regulations pertaining to the Subchapter. Topics that will be covered are: choice of entity, partnership formations, operations, allocations, distributions, sales and exchanges of partnership interests, and transactions between a partner and a partnership. The tax ramifications of Limited Liability Companies (LLC) and Limited Liability Partnerships (LLP) are discussed.

*Prerequisite of TAX 620 & TAX 760 is required.*

*Credits: 3*  
*Annually*

#### **TAX 776 Subchapter S Corporations**

This course is an in-depth study of the federal tax ramifications of operating the S Corporation. The election, operation, termination and special rules associated with the S Corporation status are examined.

Tax planning for the S Corporation is also emphasized.

*Prerequisite of TAX 771 is required.*  
*Credits: 3*  
*On Occasion*

#### **TAX 777 Estate Planning**

In general, this course covers Estate planning techniques for the individual. The course includes study of the factors to be considered in planning an estate, including life insurance, trusts, specific legacies, provisions for protection of a going business, and estate and gift tax provisions of the Internal Revenue Code, especially with respect to marital deduction, powers of appointment, exemptions, and jointly owned property.

*Prerequisite of TAX 625 is required.*  
*Credits: 3*  
*On Occasion*

#### **TAX 778 Advanced Partnerships and Limited Liability Entities**

An in-depth study of certain advanced topics relating to partnerships and limited liability companies. Topics that will be covered include: a detailed analysis of partnership allocation regulations (704(b) and 704(c) regulations) and the sharing of partnership liabilities (752 regulations), the disguised sales rules and some of the more complex areas of Subchapter K (disproportionate distributions, retirement of a partner, etc.).

*A pre requisite of TAX 775 is required.*  
*Credits: 3*  
*Annually*

#### **TAX 779 Tax-Exempt Organizations**

In this course, the tax laws governing the creation and operation of tax exempt organizations are studied. Compliance requirements governed by the Internal Revenue Service are also reviewed.

*Prerequisite of TAX 620 & TAX 760 is required.*  
*Credits: 3*  
*On Occasion*

#### **TAX 780 Fundamentals of Qualified Employee Benefit Plans**

This course is an in-depth study of ERISA. The course is geared towards an understanding of the pension and profit-sharing rules required for plan qualification. Emphasis is placed upon the establishment of a qualified plan for both incorporated and unincorporated forms of business.

*Prerequisite of TAX 620 & TAX 760 is required.*  
*Credits: 3*  
*On Occasion*

#### **TAX 788 International Taxation**

This course covers the taxation of United States persons investing or doing business abroad and nonresident aliens and foreign corporations having nexus with the United States. Topics covered include, among others, the foreign tax credit, Subpart F income, controlled foreign corporations, tax treaties, sourcing rules and expatriate taxation.

*Prerequisite of TAX 771 is required.*  
*Credits: 3*  
*Annually*

#### **TAX 790 Seminar in Current Developments in Taxation**

Current trends in federal taxation are analyzed. Tax cases, rulings and new developments are examined for their significance to tax practitioners. Students are required to complete the required taxation core prior to taking this class.

*Prerequisites of TAX 620, 625, 760, 762, 771, 775 are required.*  
*Credits: 3*  
*On Occasion*

#### **TAX 791 Independent Study**

Directed independent reading and research projects in an area selected by the student with the approval of a faculty member sponsor. The student is expected to prepare a substantial integrative written report at the conclusion of the semester. Students must seek approval of the Director of the School of Professional Accountancy prior to taking this class.

*Credits: 3*  
*On Occasion*

## SCHOOL OF HEALTH PROFESSIONS AND NURSING

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The School of Health Professions and Nursing offers a wide range of accredited programs that lead to rewarding careers. Certificates, undergraduate and graduate degrees are offered in the departments of Biomedical Sciences, Health Sciences, Nursing, Nutrition, and Social Work. Please refer to the departments for specific information on degrees and certificates.

Drawing from intense classroom studies, real-world internship opportunities, laboratory-based courses and clinical experiences, you will develop the skills to serve others with competency and courage. You may take part in practicums at respected senior citizen facilities, pharmaceutical companies and well-respected hospitals including North Shore University Hospital and Memorial Sloan-Kettering Cancer Center. You will graduate with a comprehensive résumé and a respected degree, ready to take advantage of the many opportunities in the growing field of health care or human services.

If you have questions, please contact the dean's office at 516-299-2485, email: [healprof@cwpost.liu.edu](mailto:healprof@cwpost.liu.edu), or fax: 516-299-2527.

**MaryAnn Clark, Ed.D.**

Professor and Dean

[maryann.clark@liu.edu](mailto:maryann.clark@liu.edu)

**Paul Dominguez, M.S.**

Assistant Dean

[paul.dominguez@liu.edu](mailto:paul.dominguez@liu.edu)

## Grievance Policy

### 1. Student Grievance Policy

The School of Health Professions and Nursing faculty members are committed to assist students with any academic difficulties. A student who wishes to submit a grievance has the right to do so by utilizing the following procedure:

#### a. Instructor/faculty member:

The student must first make an effort to resolve the matter with the course instructor/faculty member. The student must contact the instructor or faculty member within 10 business days of the issue. The instructor will meet with the student to discuss the grievance within 5 business days of being contacted. If there is no resolution, the student may file a formal written grievance with the Chair/Program Director of the department within 10 business days after meeting with the instructor.

#### b. Chair/Program Director:

The Chair/Director will schedule a meeting with the student within 5 business days of his/her receipt of the student grievance. At this time the Chair/Director may also consult with the faculty member/instructor to discuss the grievance and attempt to resolve the matter. The Chair/Director may consult other members of his/her department informally or as part of a departmental meeting/committee. Individual departments shall determine such procedures. The Chair must advise the student in writing of his/her finding within 10 business days of the meeting with the student.

#### c. Dean:

- Subject to the procedures outlined below, the student may appeal the decision to the Dean of the School of Health Professions and Nursing within 10 business days of the issuance of the Chair/Director's decision. The student must submit a written appeal to the Dean indicating (1) the basis of the appeal and (2) all methods used to date to resolve the problem.
- The Dean will review the case and, if she/he believes the appeal has merit, will refer the matter to the Dean's Academic Standing Committee. A meeting of the Academic Standing Committee will be convened within 10 business days of receipt of the referral.
- The Academic Standing Committee will hear statements from both the student and faculty/department.
- The Academic Standing Committee will make a recommendation to the Dean within 5 business days after the conclusion of its meeting.
- The student will be notified by the Dean in writing of the decision within 10 business days of the dean receiving the recommendation from the Committee.
- The Dean's decision is the final decision making body within the School of Health Professions and Nursing. If the student wishes to appeal the Dean's decision, the student must

submit an Appeal Request Form to the Office of the Vice President of Academic Affairs within 5 business days after receipt of the Dean's letter.

### 2. Basis for Appeal

It is presumed that academic decisions result from consistent, fair, and equitable application of clearly articulated standards and procedures.

Students appealing such decisions must demonstrate that the standards and procedures were not clearly stated or that they were not applied in a consistent, fair and equitable manner.

An appeal may not be based on a disagreement with the standards and procedures themselves. Further, an instructor's evaluation of a student's work and performance in that instructor's course must not be over-ridden merely because of a difference of opinion or evaluative judgment formed in accordance with the generally accepted canons of the relevant discipline and of LIU and the School of Health Professions and Nursing.

An appeal may be initiated only on a claim that the decision/final grade was based on:

- (1) Clerical error;
- (2) Arbitrary or capricious evaluation;
- (3) Inconsistent or inequitably applied standards for evaluation, or
- (4) A disputed finding of academic dishonesty.

The burden of proof in the appeal of a grade or other academic decision is on the student. In every appeal, the student must present evidence that the grade/decision appealed was affected by one of the first three conditions articulated above, or evidence that the allegation of academic dishonesty was not warranted.

### 3. Confidentiality

All discussions and deliberations of the Academic Standing Committee shall be strictly confidential. Confidentiality shall be maintained in a fashion consistent with the Family Educational Rights and Privacy Act (FERPA) and other applicable privacy laws. The Committee may consult with or request documentation of a student's history of academic dishonesty and may apprise its members of such information on a strict need to know basis.

No student member of the Academic Standing Committee (if applicable) may be apprised of any academic information concerning another student (including grades or other confidential information) unless the student filing the appeal has expressly permitted such disclosure by signing the disclosure statement on the formal Academic Appeals Form.

## DEPARTMENT OF BIOMEDICAL SCIENCES

Phone: 516-299-3047

Phone: 516-299-3039 (Clinical Laboratory Sciences)

Fax: 516-299-3998

Email: [biomed@cwpost.liu.edu](mailto:biomed@cwpost.liu.edu)

Chair: Dr. Seetha Tamma

Professors: Tamma

Associate Professors: Chandrasekaran, Vellozzi

Assistant Professors: Fink, Ginsburg, Gucwa,

Martinez

Program Director, Cardiovascular Perfusion: Chan

Program Director, Clinical Laboratory Sciences:

Capetandes

Program Director, Cytotechnology: Friedlander

Program Director, Forensic Science: Harten

Research Coordinator, Forensic Science: Buffolino

Adjunct Faculty: 20

The Department of Biomedical Sciences offers accredited master's degrees that prepare competent and knowledgeable professionals dedicated to the highest standards of science and health care.

Graduate programs include the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) accredited M.S. in Clinical Laboratory Sciences (CLS) in which students are selected on a competitive basis for clinical rotations required for eligibility to take the ASCP certification exam and upon passing will acquire New York State licensure for CLS; this is required for employment in a clinical laboratory in NY. Other graduate programs include the M.S. in Medical Biology with specializations in Hematology, Immunology, Medical Chemistry and Medical Microbiology; the M.S. in Clinical Laboratory Management, which integrates technological and administrative courses to prepare graduates for management careers in the clinical laboratory setting; and the M.S. in Cardiovascular Perfusion, which is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) in conjunction with the Department of Cardiovascular and Thoracic Surgery at North Shore University Hospital in Manhasset, New York.

### M.S. in Medical Biology

Medical biology professionals produce the information necessary to diagnose, assess, prevent and treat disease states. With more than 70 percent of treatment decisions by physicians based on laboratory findings, medical biologists are vital cornerstones of modern health care.

The 36-credit Master of Science in Medical Biology can lead to positions in health education, health care agencies, medical, pharmaceutical or diagnostics laboratories, management information systems or biomedical research in the public or private sectors. Students pursue courses that

examine normal and diseased states of the human body, pathophysiology, biomedical research, and body fluid chemistries. Students choose one of four specializations – hematology, immunology, medical chemistry or medical microbiology. These courses constitute 12 credits of the core curriculum, which includes completion of a thesis. Four courses are recommended in each specialty; two courses are considered electives. The M.S. in Medical Biology is ideal preparation for further study at the doctoral level.

Since the practice of medicine as it currently exists would cease without laboratory tests, the future is bright for those who are trained to work in and manage clinical labs. The programs at LIU Post are recognized for graduating competent and knowledgeable professionals in this vital field.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Science in Medical Biology must meet the following requirements for admission.

- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree with an undergraduate G.P.A. of at least 3.0.
- Applicants should have completed at the undergraduate level: one year of biology; one year of college math (may include one semester of statistics); one year of organic chemistry or one semester of organic chemistry and one semester of biochemistry. The minimum grade point average of 3.0 in the undergraduate major is required. A candidate whose credentials satisfy all of the above requirements as well as university admissions requirements may be accepted as a fully matriculated student.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.
- Two letters of recommendation, preferably from former science professors.

Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.

#### ADDITIONAL REQUIREMENTS

Admission to the Medical Biology Program is highly competitive. Students are expected to have achieved a minimum grade point average for a 3.0 out of a 4.0 (A grade) in all pre-requisite courses. The pre-requisite undergraduate courses for the major include:

- Eight semester hours (12 quarter hours) of biology (with lab)
- Eight semester hours (12 quarter hours) of organic chemistry and/or biochemistry (with lab)
- One year of college mathematics (may include a semester of statistics)

- One semester of introductory physics  
A student may be accepted on a limited matriculant basis if his or her credentials are deficient in not more than two areas. Limited matriculants may apply for full matriculant status after removal of all deficiencies. Deficiencies must be removed during the first year of graduate study. Courses taken to remove academic deficiencies must be passed with a grade of C or better and will not be credited toward degree requirements. Courses may also be taken on a nonmatriculant basis. A non-matriculant may apply for matriculant status after completing at least 9, but no more than 12, graduate biomedical science credits provided their cumulative grade point average is 3.0 or better. At least half of these credits must be from among the core courses listed below. The student must also have removed any technical and/or academic deficiencies. Undergraduate coursework taken to fulfill a deficiency after the student has completed the bachelor's degree must be passed with a grade of C or better.

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

Fax: 516-299-2137

E-mail: [enroll@cwpost.liu.edu](mailto:enroll@cwpost.liu.edu)

#### TRANSFER CREDITS

Courses taken at another university after admission to a master's program at LIU Post may not be used for transfer credit unless prior written permission is obtained from the major department. Previous graduate credits earned at other institutions may be credited to a student's graduate degree. A request to transfer credits must be made to and approved by the Director of the Medical Biology program with the submission of official transcripts of all previous graduate work. Transfer credit is normally limited to six semester credit hours with an earned grade of (B) or better. Transfer credits are not recorded on a student's transcript unless he or she completes 15 semester credit hours in residence and is fully matriculated.

### M.S. in Medical Biology Required Courses

#### Core Courses (12 credits)

##### Required Courses

BMS	520	Pathophysiology I	3.00
BMS	612	Pathophysiology II	3.00
BMS	703	Research Methods	3.00
<b>One of the following:</b>			
BMS	513	Biochemistry	3.00
BMS	550	Medical Chemistry	3.00



**M.S. Medical Biology Capstone Course (3 credits)**

**One of the following:**

BMS 704	Clinical Research Thesis	3.00
BMS 706	Research Project & Comprehensive Exam	3.00
BMS 708	Experimental Research Thesis	3.00

**STUDENTS SELECT ONE AREA OF CONCENTRATION FROM THE FOLLOWING SPECIALTIES**

**(21 credits - 15 credits of Specialty Courses and 6 credits of Elective Courses):**

**Concentration in Medical Chemistry Requirements**

**Specialty Courses (15 Credits)**

BMS 561	Introduction to Hematology	3.00
BMS 650	Advanced Medical Chemistry	3.00
BMS 651	Pharmacology	3.00
BMS 655	Toxicology and Therapeutic Monitoring	3.00
BMS 656	Diagnostic Techniques in Molecular Pathology	3.00

**Elective Courses (6 credits)**

BMS 540	Biomedical Statistics	3.00
BMS 561L	Hematology Lab	3.00
BMS 562	Theories of Blood Coagulation	3.00
BMS 581	Immunology	3.00
BMS 585	Immunohematology	3.00
BMS 591	Medical Microbiology	3.00
BMS 594	Medical Parasitology	3.00
BMS 610	Histopathology	3.00
BMS 641	Bioinformatics	3.00
BMS 647	Quality Management for the Clinical Laboratory	3.00
BMS 661	Advanced Hematology	3.00
BMS 673	Cancer Research: Perspectives, Prospects and Problems	3.00
BMS 685	Transfusion Medicine and Transplantation	3.00
BMS 687	Advanced Immunology	3.00
BMS 691	Advanced Medical Microbiology	3.00
BMS 698	Medical Virology	3.00
BMS 705	Selected Topics in Medical Biology	3.00

**Concentration in Medical Microbiology Requirements**

**Specialty Courses (15 Credits)**

BMS 581	Immunology	3.00
BMS 591	Medical Microbiology	3.00
BMS 594	Medical Parasitology	3.00
BMS 691	Advanced Medical Microbiology	3.00
BMS 698	Medical Virology	3.00

**Elective Courses (6 credits)**

BMS 540	Biomedical Statistics	3.00
BMS 561	Introduction to Hematology	3.00
BMS 561L	Hematology Lab	3.00
BMS 562	Theories of Blood Coagulation	3.00
BMS 585	Immunohematology	3.00
BMS 610	Histopathology	3.00
BMS 641	Bioinformatics	3.00
BMS 647	Quality Management for the Clinical Laboratory	3.00
BMS 650	Advanced Medical Chemistry	3.00
BMS 651	Pharmacology	3.00
BMS 655	Toxicology and Therapeutic Monitoring	3.00
BMS 656	Diagnostic Techniques in Molecular Pathology	3.00
BMS 673	Cancer Research: Perspectives, Prospects and Problems	3.00
BMS 685	Transfusion Medicine and Transplantation	3.00
BMS 687	Advanced Immunology	3.00
BMS 705	Selected Topics in Medical Biology	3.00

**Concentration in Immunology Requirements**

**Specialty Courses (15 Credits)**

BMS 581	Immunology	3.00
BMS 656	Diagnostic Techniques in Molecular Pathology	3.00
BMS 673	Cancer Research: Perspectives, Prospects and Problems	3.00
BMS 687	Advanced Immunology	3.00

**One of the following:**

BMS 591	Medical Microbiology	3.00
BMS 698	Medical Virology	3.00

**Elective Courses (6 credits)**

BMS 561	Introduction to Hematology	3.00
BMS 561L	Hematology Lab	3.00
BMS 562	Theories of Blood Coagulation	3.00
BMS 585	Immunohematology	3.00
BMS 594	Medical Parasitology	3.00
BMS 610	Histopathology	3.00
BMS 641	Bioinformatics	3.00
BMS 647	Quality Management for the Clinical Laboratory	3.00
BMS 650	Advanced Medical Chemistry	3.00
BMS 651	Pharmacology	3.00
BMS 655	Toxicology and Therapeutic Monitoring	3.00
BMS 661	Advanced Hematology	3.00
BMS 685	Transfusion Medicine and Transplantation	3.00
BMS 691	Advanced Medical Microbiology	3.00
BMS 698	Medical Virology	3.00
BMS 705	Selected Topics in Medical Biology	3.00

**Concentration in Hematology Requirements**

**Specialty Courses (15 Credits)**

BMS 561	Introduction to Hematology	3.00
BMS 562	Theories of Blood Coagulation	3.00
BMS 685	Transfusion Medicine and Transplantation	3.00

**One of the following courses**

BMS 581	Immunology	3.00
BMS 673	Cancer Research	3.00

**One of the following courses**

BMS 661	Advanced Hematology	3.00
BMS 665	Experimental Hematopoiesis	3.00

**Elective Courses (6 credits)**

BMS 540	Biomedical Statistics	3.00
BMS 585	Immunohematology	3.00
BMS 591	Medical Microbiology	3.00
BMS 610	Histopathology	3.00
BMS 641	Bioinformatics	3.00
BMS 647	Quality Management for the Clinical Laboratory	3.00

BMS	650	Advanced Medical Chemistry	3.00
BMS	651	Pharmacology	3.00
BMS	655	Toxicology and Therapeutic Monitoring	3.00
BMS	656	Diagnostic Techniques in Molecular Pathology	3.00
BMS	687	Advanced Immunology	3.00
BMS	698	Medical Virology	3.00
BMS	705	Selected Topics in Medical Biology	3.00

**M.S. in Medical Biology G.P.A. Requirement**  
Minimum Major G.P.A. of 3.00 is Required

## M.S. in Clinical Laboratory Management

The Master of Science in Clinical Laboratory Management (CLM) provides students with the practical skills and credentials to manage clinical laboratories. The CLM program addresses four key areas of laboratory management: finance, operations, personnel and marketing.

**Certification:** Students who complete the M.S. in Clinical Laboratory Management and possess two years of full-time acceptable experience in clinical laboratory supervision or management within the last 10 years may apply for the Diplomate in Laboratory Management from the American Society for Clinical Pathology. Applicants must be ASCP-certified and New York state-licensed clinical laboratory scientists (CLS), and employed in a clinical laboratory as a CLS.

The 36-credit degree requires 21 credits in core courses, 6 credits in specialty courses in management and 9 credits in medical biology courses. In the area of **financial management**, students encounter topics such as budgets, cost analysis, purchasing, accounting, reimbursements, inventory control, capital equipment acquisitions, billing and collection, cash flow analysis and/or contract negotiation. **Operations management** explores quality assurance quality improvement principles, licensure, accreditation, medico-legal issues, intra- and inter-departmental relations, data processing, safety, flow charting and management of the operating facility. **Personnel aspects** cover motivation, staffing/scheduling, performance standards and evaluations, counseling or disciplinary action, education, training/continuing education, the job description, wage and salary administration and negotiation. **Market management** covers productivity, capacity, turn-around-time and relationships with other local laboratories.

Students in the program apply their learning through completion of a clinical management project under the direction of a mentor. Throughout the program, students are challenged to make management decisions, and, upon

graduation, will possess scientific and technical knowledge combined with administrative capabilities for a successful management role within the laboratory setting.

### About the Profession

Clinical Laboratory Manager are employable as supervisory personnel in a hospital clinical laboratory, reference laboratory, clinical pathology, physician's office laboratory, biotechnology or industrial research, public health laboratory, clinical diagnostic company or educational institution.

### ADMISSION REQUIREMENTS

Applicants to the M.S. in Clinical Laboratory Management must meet the following requirements for admission.

- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- A bachelor's degree, preferably in a natural science, with a minimum G.P.A. of 3.0. Students who do not meet these requirements are welcome to discuss their options for admission with the graduate advisor.
- Applicants should have completed at the undergraduate level: one year of biology; one year of college math (may include one semester of statistics); one year of organic chemistry or one semester of organic chemistry and one semester of biochemistry. The minimum grade point average of 3.0 in the undergraduate major is required. A candidate whose credentials satisfy all of the above requirements as well as university admissions requirements may be accepted as a fully matriculated student.
- Two professional and/or academic letters of recommendation, preferably from former science professors, that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

### ADDITIONAL REQUIREMENTS

Admission to the Clinical Laboratory Program is highly competitive. Students are expected to have achieved a minimum grade point average for a 3.0 out of a 4.0 (A grade) in all pre-requisite courses.

The pre-requisite undergraduate courses for the CLN major include:

- 8 semester hours (12 quarter hours) of Biology (with lab)
- 8 semester hours (12 quarter hours) of Organic Chemistry and Biochemistry (with lab)
- 1 year of college Math which may include a semester of Statistics

A student may be accepted on a limited matriculant basis if his or her credentials are deficient in not more than two areas. Limited matriculants may apply for full matriculant status after removal of all deficiencies. Deficiencies must be removed during the first year of graduate study. Courses taken to remove academic deficiencies must be passed with a grade of C or better and will not be credited toward degree requirements. Courses may also be taken on a nonmatriculant basis. A non-matriculant may apply for matriculant status after completing at least 9, but no more than 12, graduate biomedical science credits provided their cumulative grade point average is 3.0 or better. At least half of these credits must be from among the core courses listed below. The student must also have removed any technical and/or academic deficiencies. Undergraduate coursework taken to fulfill a deficiency after the student has completed the bachelor's degree must be passed with a grade of C or better.

### TRANSFER CREDITS

Courses taken at another university after admission to a master's program at LIU Post may not be used for transfer credit unless prior written permission is obtained from the major department. Previous graduate credits earned at other institutions may be credited to a student's graduate degree. A request to transfer credits must be made to and approved by the Director of the Clinical Laboratory Science program with the submission of official transcripts of all previous graduate work. Transfer credit is normally limited to six semester credit hours with an earned grade of (B) or better. Transfer credits are not recorded on a student's transcript unless he or she completes 15 semester credit hours in residence and is fully matriculated.

## M.S. in Clinical Laboratory Management Major Requirements

### Required Clinical Laboratory Management

#### Core Courses

HAD	604	Administrative Responsibility and the Legal Environment in the Health Sector	3.00
MPA	502	Organizational Theory and Behavior in the Health & Public Sectors	3.00
MPA	506	Performance Management and Information Systems in the Public Sector	3.00

**3 credits from one of the following:**

BMS	541	Computer Application in Health Sciences	3.00
MPA	504	Computer Applications	3.00

**Required Clinical Laboratory Management Specialty Courses**

BMS	540	Biomedical Statistics	3.00
BMS	549	Resources Management	3.00
BMS	647	Quality Management for the Clinical Laboratory	3.00
HAD	602	Human Resource Administration in the Health Sector	3.00
HAD	603	Foundations of Budgeting and Finance in the Health Sector	3.00

**Elective Clinical Laboratory Management Course**

3 credits from one of the following:

BMS	513	Biochemistry	3.00
BMS	520	Pathophysiology I	3.00
BMS	550	Medical Chemistry	3.00
BMS	561	Introduction to Hematology	3.00
BMS	562	Theories of Blood Coagulation	3.00
BMS	574	Tissue Culture	3.00
BMS	581	Immunology	3.00
BMS	585	Immunohematology	3.00
BMS	591	Medical Microbiology	3.00
BMS	594	Medical Parasitology	3.00
BMS	610	Histopathology	3.00
BMS	612	Pathophysiology II	3.00
BMS	641	Bioinformatics	3.00
BMS	650	Advanced Medical Chemistry	3.00
BMS	651	Pharmacology	3.00
BMS	655	Toxicology and Therapeutic Monitoring	3.00
BMS	656	Diagnostic Techniques in Molecular Pathology	3.00
BMS	661	Advanced Hematology	3.00
BMS	673	Cancer Research: Perspectives, Prospects and Problems	3.00
BMS	685	Transfusion Medicine & Transplantation	3.00
BMS	687	Advanced Immunology	3.00

BMS	691	Advanced Medical Microbiology	3.00
BMS	698	Medical Virology	3.00
BMS	705	Selected Topics in Medical Biology	3.00
MPA	721	Quality Improvement and Strategies	3.00

**Required Clinical Laboratory Management Capstone Courses**

BMS	703	Research Methods	3.00
BMS	709	Clinical Management Project	3.00

**M.S. in Clinical Laboratory Management G.P.A. Requirement**

Major G.P.A. of 3.00 is Required

**M.S. in Clinical Laboratory Science**

The M.S. in Clinical Laboratory Science program requires a 6-month full-time clinical placement. Students may begin as part-time but will require a full-time commitment in order to complete this graduate degree program. The Department of Biomedical Sciences integrates didactic courses with simulated laboratories taught at the University and clinical courses taught at an approved clinical affiliate laboratory. Through each step of the program, university-based courses are reinforced in the professional laboratory setting. Students are exposed to state-of-the-art instrumentation and are educated by the highly qualified faculty to become entry-level laboratory professionals with comprehensive competency evaluated skills for entry into a laboratory career profession.

Clinical Laboratory Science (CLS) Generalists are students who pursue a complete NAACLS Accredited Program of study that combines university-based courses with hospital/reference laboratory based clinical practica that address all clinical laboratory areas. NAACLS refers to the National Accrediting Agency for Clinical Laboratory Sciences, which is the national accrediting body for CLS Programs. Students completing this Generalist program are eligible to take National Certification examinations leading to MT(ASCP). MT(ASCP) = Medical Technologist (American Society of Clinical Pathologists) certification. Graduates are eligible for New York state licensure.

**ADMISSION REQUIREMENTS**

Completed Admission applications must be submitted by February 15 for acceptance into the subsequent fall semester cohort. Applicants must submit official transcripts from all colleges or universities attended, a degree noted transcript demonstrating completion of a baccalaureate degree is required, and two letters of recommendations, preferably from former science

professors. Applicants to the Departmental Programs are contacted for a personal interview. Following the interview and fulfillment of the admission requirements stipulated of each candidate, the academic requirements are pursued. Admission to the Clinical Laboratory Science Program is highly competitive. Students are expected to have achieved a minimum grade point average for a 3.0 out of a 4.0 (A grade) in all pre-requisite courses.

The pre-requisite undergraduate courses for the Major include:

- 8 semester hours (12 quarter hours) of Anatomy and Physiology (with lab).
- 8 semester hours (12 quarter hours) of Organic Chemistry and Biochemistry (with lab)
- 1 semester of Statistics
- 1 semester of Genetics or Molecular Biology

International students are also required to achieve a minimum TOEFL score of 90 IBT (a minimum listening and speaking score of 25 is also required); 233 CBT; or 577 PBT. IELTS of 7.0 or above is also acceptable.

**ADDITIONAL REQUIREMENTS**

The technical (non-academic) standards established by the programs in this department are evidence of the "essential functions" that students must be able to accomplish in the program. Essential functions include requirements that students be able to engage during educational and training activities so that they will not endanger other students, the public at large, or patients.

- **Vision Standard** — The student must be able to read charts and graphs, read instrument scales, discriminate colors, read microscopic materials, and record results.
- **Speech and Hearing Standard** — The student must be able to communicate effectively and sensitively in order to assess non-verbal communication and be able to adequately transmit information to all members of the health care team.
- **Fine Motor Functions Standard** — The student must possess all skills necessary to carry out diagnostic procedures, manipulate tools, instruments and equipment. The student must be able to perform phlebotomy safely and accurately.
- **Psychological Stability Standard** — The student must possess the emotional health required for full utilization of the applicant's intellectual abilities. The student must be able to recognize emergency situations and take appropriate actions.

A criminal conviction and/or the use of illegal drugs may impede or bar your entry into your chosen field of study. You should be aware that clinical and hospital sites may reject a student, or remove a student from their site if a criminal record is found or if a positive drug test is noted. Inability to gain clinical or field work will result in the inability to meet program objectives and outcomes. Inability to meet objectives and outcomes may result in your failure to complete

the program requirements, thus requiring your withdrawal from the program. In addition, the presence of a criminal conviction may also prevent your completion of the required state or federal licensure, certification or registration process.

**TRANSFER CREDITS**

Courses taken at another university after admission to a master's program at LIU Post may not be used for transfer credit unless prior written permission is obtained from the major department. Previous graduate credits earned at other institutions may be credited to a student's graduate degree. A request to transfer credits must be made to and approved by the Director of the CLS program with the submission of official transcripts of all previous graduate work.

Transfer credit is normally limited to six semester credit hours with an earned grade of (B) or better. Transfer credits are not recorded on a student's transcript unless he or she completes 15 semester credit hours in residence and is fully matriculated.

**M.S. in Clinical Laboratory Science**

**Core Courses**

**Required Clinical Laboratory Science Courses**

BMS	544	CLS Certification Exam Seminar	1.00
BMS	547	Management, Supervision, Teaching and Professionalism Seminar	2.00
BMS	551	Clinical Chemistry I and Urinalysis	3.00
BMS	562	Theories of Blood Coagulation	3.00
BMS	563	Hematology and Body Fluids	3.00
BMS	585	Immunohematology	3.00
BMS	587	Clinical Immunology	3.00
BMS	591	Medical Microbiology	3.00
BMS	609	Laboratory Information Systems	1.00
BMS	610	Histopathology	3.00
BMS	647	Quality Management for the Clinical Laboratory	3.00
BMS	652	Clinical Chemistry II & Instrumentation	3.00
BMS	656	Diagnostic Techniques in Molecular Pathology	3.00

**Required Clinical Laboratory Science Practicum Courses**

Clinical practicum are offered off-campus during the spring semester over a 25 week period (January through June) done full-time only. Acceptance into the clinical practicum is competitive. A 3.0 G.P.A. and successful

interview are minimum requirements for consideration and do not guarantee placement into the practicum.

BMS	759	Practicum in Clinical Chemistry/Urinalysis	3.00
BMS	769	Practicum in Hematology & Coagulation	3.00
BMS	789	Practicum in Immunohematology/ Clinical Immunology	3.00
BMS	799	Practicum in Microbiology	3.00

**Required Clinical Laboratory Science Capstone Courses**

BMS	703	Research Methods	3.00
BMS	706	Research Project & Comprehensive Exam	3.00

**M.S. in Clinical Laboratory Science G.P.A. Requirement**

Major G.P.A. of 3.00 is Required

**M.S. in Cardiovascular Perfusion**

The Master of Science program in Cardiovascular Perfusion combines the resources of two centers of exceptional health care education: the Department of Biomedical Sciences at LIU Post in Brookville, N.Y. and the Department of Surgery, Division of Cardiothoracic Surgery at North Shore University Hospital (North Shore-Long Island Jewish Health Care System) Manhasset, N.Y. As a student in the program, you will complete 27 credits at LIU Post and 27 credits taught at North Shore University Hospital. Upon completion of the program, you will be qualified as a cardiovascular perfusionist who serves as a member of the health care team during major surgeries.

A perfusionist is a highly skilled technologist who operates equipment that supports or replaces the patient's circulation and lung functions during surgery. Working closely with physicians to select appropriate equipment and techniques, the perfusionist monitors vital cardio-pulmonary parameters to ensure the safe management of physiologic functioning during open heart surgery. Furthermore, the perfusionist is educated in the administration of prescribed blood products, anesthetic agents and cardiovascular drugs via the extracorporeal circuit. The perfusionist is knowledgeable and competent in the use of a variety of techniques, including hypothermia, hemodilution, and procedures involving specialized instrumentation and advanced life support.

The perfusionist may also be responsible for administrative duties, purchasing, supply and equipment control, inventory, quality assurance and personnel management. Based on institutional factors and available facilities, the perfusionist may also be engaged in research of new products,

development of surgical techniques and data analysis. At all times, the perfusionist must maintain the highest ethical and professional health care standards.

The M.S. in Cardiovascular Perfusion is a 24-month program integrating didactic and clinical courses with practica which provide the necessary entry level skills in cardiovascular perfusion.

Students successfully completing the program will receive a certificate of completion from the North Shore University Hospital School of Cardiovascular Perfusion, and are eligible to sit for the national board certifying examination in Clinical Perfusion. Recipients of the certificate of completion having completed all academic course work are then awarded an M.S. in Cardiovascular Perfusion from LIU Post.

**NOTE:** Applicants to the M.S. in Cardiovascular Perfusion at LIU Post **must first be admitted to the Cardiovascular Perfusion Program at North Shore University Hospital** in Manhasset, N.Y. For more information or to apply, contact: Richard Chan, CCP, Program Director NSUH-LIU-CWP School of Cardiovascular

Perfusion  
225 Community Drive South Entrance  
Great Neck, N.Y. 11021  
516-918-4356  
ehiscvp@aol.com

**ADMISSION REQUIREMENTS**

- Admission into the Cardiovascular Perfusion Program at North Shore University Hospital in Manhasset, N.Y.
- Once the applicant has been accepted by North Shore University Hospital, the completed application will be forwarded to the Department of Biomedical Sciences at LIU Post. No additional application is needed.
- Completion of a bachelor's degree from an accredited college/university with a minimum G.P.A. of 2.75 on a 4.0 system.
- Undergraduate courses that must have been completed include:
  - 2 semesters of college biology (8 credits)
  - 2 semesters of anatomy and physiology (8 credits)
  - 2 semesters of college chemistry (8 credits)
  - 1 semester of college math (3 credits)
  - 1 semester of college physics (recommended) (4 credits)
- Three letters of recommendation  
Candidates are assessed for admission into the program based upon:
- Clinical experience with life support/cardiac patients
- Academic performance
- Motivation to enter the field
- Insight into perfusion technology

**For further information regarding the program contact:**

Richard Chan, CCP, Program Director  
NSUH-LIU-CWP School of Cardiovascular Perfusion  
225 Community Drive South Entrance

Great Neck, N.Y. 11021  
 Phone: 516-918-4356  
 E-mail: ehiscvp@aol.com  
 Dr. Seetha Tamma, Chair  
 Department of Biomedical Sciences  
 LIU Post  
 720 Northern Boulevard  
 Brookville, N.Y. 11548  
 Phone: 516-299-3047  
 E-mail: biomed@cwpost.liu.edu

**ADVANCED STANDING INTO THE M.S.  
 PROGRAM IN CARDIOVASCULAR  
 PERFUSION AT LIU POST**

An experienced or practicing cardiovascular perfusionist who desires an M.S. in Cardiovascular Perfusion may apply for admission to this program. Their clinical expertise will be evaluated by North Shore University Hospital (NSUH) regarding individual competency in courses of surgery (6 credits); perfusion technology (6 credits); and three clinical practicums (I, II, III) - (5 credits each). The Director of the Cardiovascular Perfusion Program at the NSUH will assign the grades for these courses. The other admission criteria listed above under 1, 2, and 3 must also be met. Students with advanced standing must take 27 credits of graduate course work in Medical Biology in the Department of Biomedical Sciences at LIU Post.

**M.S. Cardiovascular Perfusion  
 Requirements**

**Required Cardiovascular Perfusion Core  
 Courses**

BMS	520C	Pathophysiology I	3.00
BMS	550C	Medical Chemistry	3.00
BMS	612C	Pathophysiology II	3.00
BMS	703C	Research Methods	3.00

**Required Medical Biology Courses**

BMS	540C	Biomedical Statistics	3.00
BMS	561C	Introduction to Hematology	3.00
BMS	562C	Theories of Blood Coagulation	3.00
BMS	651C	Pharmacology	3.00

**Required North Shore University Hospital  
 Based Courses**

BMS	800C	Surgery	6.00
BMS	810C	Perfusion Technology	6.00
BMS	820C	Clinical Practicum I	5.00
BMS	822C	Clinical Practicum II	5.00
BMS	824C	Clinical Practicum III	5.00

**Required Cardiovascular Perfusion Capstone  
 Course**

Select one of the following research courses:

BMS	704C	Clinical Research Thesis	3.00
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BMS	706C	Research Project & Comprehensive Exam	3.00
BMS	708C	Experimental Research Thesis	3.00
BMS	709C	Clinical Management Project	3.00

**M.S. in Cardiovascular Perfusion G.P.A.  
 Requirement**

Major G.P.A. of 3.00 is Required

## Biomedical Science Courses

### BMS 511 Biomedical Ethics

This course is general survey of the ethical issues relevant to the human life cycle. Topics such as organ transplants termination of life, euthanasia, abortion, genetic control and medical experimentation are discussed. This course is geared primarily for individuals with a back ground or interest in the health and medical technologists, radiologic technologists, nurses, health care administrators and other professionals in the health field.

*Credits: 3*

*On Occasion*

### BMS 513 Biochemistry

This course is four hours of lecture and is an inquiry into the chemistry of amino acids, proteins and lipids. Enzymes and their role in cytoplasmic carbohydrate metabolism and fatty acid synthesis are discussed. The role of the mitochondrion, especially the Krebs cycle and oxidative phosphorylation, is explored.

*Credits: 3*

*Every Fall*

### BMS 520 Pathophysiology I

The course will be a study of the etiology, pathogenesis, epidemiology, diagnostic tools and management of certain infectious diseases and neoplasms affecting humans. Lectures in Pathophysiology I not only stress the molecular and cellular basis for immunity, but also introduce students to those disease states in which a basic knowledge of immunology is critical to an understanding of the disease. The course deals with the role of the immune system in health and disease, the expected and unexpected responses in fighting infections, allergy and hypersensitivity; Immune system's role in tissue transplantation, tissue graft rejection, immunosuppression, cancer, autoimmune diseases and congenital and acquired immune deficiencies including AIDS. The concepts of microbial infection pathogenesis with emphasis on the mechanisms employed by pathogenic microorganisms in establishing infection in the host and the response of the host to fight the infection will be discussed. Specific genetic, developmental and pediatric diseases and disorders of daily life and diet will also be covered.

*Credits: 3*

*Every Fall*

### BMS 520C Pathophysiology I

The course will be a study of the etiology, pathogenesis, epidemiology, diagnostic tools and management of certain infectious diseases and neoplasms affecting humans. Lectures in Pathophysiology I not only stress the molecular and cellular basis for immunity, but also introduce students to those disease states in which a basic knowledge of immunology is critical to an

understanding of the disease. The course deals with the role of the immune system in health and disease, the expected and unexpected responses in fighting infections, allergy and hypersensitivity; Immune system's role in tissue transplantation, tissue graft rejection, immunosuppression, cancer, autoimmune diseases and congenital and acquired immune deficiencies including AIDS. The concepts of microbial infection pathogenesis with emphasis on the mechanisms employed by pathogenic microorganisms in establishing infection in the host and the response of the host to fight the infection will be discussed. Specific genetic, developmental and pediatric diseases and disorders of daily life and diet will also be covered.

*Open to Cardiovascular Perfusion students only.*

*Credits: 3*

*Every Fall*

### BMS 540 Biomedical Statistics

This course covers the fundamentals of statistics as applied to medical and biological sciences, including measures of central tendency and variability, theory of sampling, theory of estimation, sample frequency functions, confidence limits, null hypothesis, linear regression and correlation, chi-squared test, t-Test, F-Test and analysis of variance, elements of sequential analysis, statistical techniques adapted to laboratory quality control and design of experiments. Use of statistical programs for analysis of data is integrated within the course.

*Credits: 3*

*Every Spring*

### BMS 540C Biomedical Statistics

This course covers the fundamentals of statistics as applied to medical and biological sciences, including measures of central tendency and variability, theory of sampling, theory of estimation, sample frequency functions, confidence limits, null hypothesis, linear regression and correlation, chi-squared test, t-Test, F-Test and analysis of variance, elements of sequential analysis, statistical techniques adapted to laboratory quality control and design of experiments. Use of statistical programs for analysis of data is integrated within the course.

*Open to Cardiovascular Perfusion students only.*

*Credits: 3*

*Every Spring*

### BMS 541 Computer Application in Health Sciences

This course is an introduction to the use of computers in the various fields of the health sciences. Review of statistical applications for data analysis is also included. Term project required.

*Credits: 3*

*On Occasion*

### BMS 542 Epidemiology

This course is an introduction to epidemiologic principles employed in the investigation of disease. A review of public health statistics in relation to

disease rates and evaluation of community efforts toward the reduction of these rates is considered. The use of epidemiologic investigations of chronic physical and mental disease is discussed.

*Credits: 3*

*On Occasion*

### BMS 544 CLS Certification Exam Seminar

This course is designed to provide CLS students the appropriate experience to answering in ASCP and NCA certification examination questions and in case study analysis. The major categories of hematology, chemistry, immunology, immunohematology (blood bank), and microbiology are addressed. The sessions are team taught by practicing professionals and program faculty. This course provides a concise study tool for certification and licensure.

*Pre requisite of BMS 591, BMS 563, BMS 551, BMS 562, BMS 585, BMS 587 and BMS 652 are required*

*Credits: 1*

*Every Summer*

### BMS 547 Management, Supervision, Teaching and Professionalism Seminar

This seminar identifies the five components of Management in Laboratory Medicine: duties and responsibilities including "problem solving-decision making" processes; concepts of managerial leadership: communication skills; process of personnel administration: evaluation of employee performance; effective laboratory operations and principles of laboratory finance: cost containment. Additionally, information on teaching, professionalism, supervision, regulatory agency requirements, laboratory information systems, and the importance of continuing medical education are discussed. Case study assignments reflect typical laboratory problems encountered. Teaching principles include writing of objectives and educational methodology.

*Credits: 2*

*Every Spring*

### BMS 549 Resources Management

Resources Management is a course which addresses important topics in two areas of Laboratory Management: physical and human resources, both of which are essential for maintenance and growth of clinical laboratory. Topics addressed in physical resources include: the accreditation process, certification and licensure of laboratory health professionals, laboratory policies and procedures, workload recording, budgets, purchasing and inventory control, laboratory design, space utilization and laboratory safety. Human resources topics involve the actual clinical laboratory organization, job descriptions, recruitment, hiring and orientation of laboratory personnel, their performance appraisal, staff development and those leadership qualities of management personnel. Their course emphasis is to highlight those laboratory resource issues in management that

professionals must address in their daily work environment to recognize the problems and formulate their solutions.

*Credits: 3*

*Every Fall*

#### **BMS 550 Medical Chemistry**

This course is the introduction to the analysis of analytes in body fluids. Emphasis is placed on describing normal and pathophysiologic changes in disease. Quality control, evaluation, interpretation and laboratory tests used in quantitation are presented. The biomedical significance of metabolic disorders of proteins, carbohydrates and lipids is discussed.

*Credits: 3*

*Every Fall*

#### **BMS 550C Medical Chemistry**

This course is the introduction to the analysis of analytes in body fluids. Emphasis is placed on describing normal and pathophysiologic changes in disease. Quality control, evaluation, interpretation and laboratory tests used in quantitation are presented. The biomedical significance of metabolic disorders of proteins, carbohydrates and lipids is discussed.

*Open to Cardiovascular Perfusion students only.*

*Credits: 3*

*Every Fall*

#### **BMS 551 Clinical Chemistry I and Urinalysis**

This course introduces students to safety principles, quality control and laboratory math and the analysis, quantitation, the serum and urine specimen. Emphasis is based on the clinical correlations and analytical procedures commonly performed on serum to determine the quantity of carbohydrates, lipids, proteins, enzymes, and non-protein nitrogen substances and to assess cardiac, liver, renal, pancreatic and gastrointestinal function. Analysis of the physical, chemical and microscopic examination of urine (urinalysis) is also presented along with the disease processes that hinder kidney function.

*Credits: 3*

*Every Spring*

#### **BMS 555 Instrumentation for the Clinical Laboratory**

This course is a study of current principles of automated instrumentation analyses performed in the clinical setting. The course provides practical exposure to several commercially available systems.

*Credits: 3*

*On Occasion*

#### **BMS 561 Introduction to Hematology**

This course describes the erythroid, myeloid and lymphoid differentiation pathways from the pluripotent stem cell to mature cells; describes the pathophysiology of anemias, leukemias, lymphomas and pathways for blood coagulation and coagulopathies; emphasizes theory and procedures necessary for diagnosis of disease of blood-forming

tissues.

*Credits: 3*

*Every Fall and Spring*

#### **BMS 561C Introduction to Hematology**

This course describes the erythroid, myeloid and lymphoid differentiation pathways from the pluripotent stem cell to mature cells; describes the pathophysiology of anemias, leukemias, lymphomas and pathways for blood coagulation and coagulopathies; emphasizes theory and procedures necessary for diagnosis of disease of blood-forming tissues.

*Open to Cardiovascular Perfusion students only.*

*Credits: 3*

*Every Fall*

#### **BMS 561L Hematology Lab**

This course is presented as advanced theory and practice in Hematology. Normal and abnormal cellular morphologies are differentiated and contrasted. Methods of assessment and the discussion of normal and abnormal findings are addressed. Correlation of laboratory data and clinical relevance with disease states are emphasized.

*Credits: 3*

*On Occasion*

#### **BMS 562 Theories of Blood Coagulation**

This course covers the theoretical aspects of blood coagulation in normal and disease states, including laboratory methods which demonstrate various blood factors.

*Credits: 3*

*Every Fall*

#### **BMS 562C Theories of Blood Coagulation**

This course covers the theoretical aspects of blood coagulation in normal and disease states, including laboratory methods which demonstrate various blood factors.

*Open to Cardiovascular Perfusion students only.*

*Credits: 3*

*Every Fall*

#### **BMS 563 Hematology and Body Fluids**

The formed elements of the peripheral blood, their precursors, function and structure - including basic methodologies for quantitation of cells and cellular components - are discussed. Normal and abnormal cellular morphologies, their clinical relevance in both the quantitative and qualitative assessment of disease in blood is also emphasized. Other body fluids are also addresses: cerebrospinal, synovial, pericardial, peritoneal, pleural, amniotic fluids and seminal fluid in terms of normal and abnormal findings, methods of collection and assessment.

*Credits: 3*

*Every Fall*

#### **BMS 574 Tissue Culture**

This course is a study of the theory, application, and techniques useful for propagating tissues in the research laboratory. This intensive laboratory

course is designed to provide students with state-of-the-art practical, hands-on experiences in the area of cell and in vitro tissue culturing. This course will focus on both qualitative and quantitative analysis of fundamental cell behavior, including proliferation, differentiation, migration, and adhesion. Topics selected for study include sterile techniques, cell nutrition, media preparation, establishment and maintenance of callus and suspension cultures, growth measurement, morphogenesis, cell isolation, tissue and organ culture.

*Credits: 3*

*On Occasion*

#### **BMS 581 Immunology**

The topics covered in this course include innate and adaptive immune systems, Cells and organs of the immune system, types of antigens, antigen recognition by T and B cells at both the cellular and molecular levels, various cellular and autocrine and exocrine interactions that regulate immunity; aberrant Immune activation; cellular, molecular and immunochemistry techniques; humoral and effector mechanisms.

*Credits: 3*

*Every Fall and Spring*

#### **BMS 585 Immunohematology**

This course addresses the many aspects associated with transfusion medicine. Lecture and laboratory coursework are incorporated to address the theoretical aspects of Immunohematology supported by a technical emphasis on laboratory procedures performed in a hospital transfusion service.

*Credits: 3*

*Every Fall*

#### **BMS 587 Clinical Immunology**

This lecture and laboratory course in clinical immunology will provide the students with a basic knowledge on the principles of immunology and clinical immunology. The course will focus on the application of these principles in diagnostic tests in immune-mediated diseases and in infectious disease testing using clinical laboratory diagnostic assays and serologic techniques. An understanding of the laboratory methods is essential. An emphasis on analyzing certification-style questions is required to satisfy, in part, the writing-across-the-curriculum (WAC) requirements. It is designed to improve the student's professional writing capacity and to improve critical, analytical and problem solving skills. The writing assignments include lab manual write-ups and take home case history reports. These writing assignments will be evaluated for the organization, clarity, grammar and spelling of the contents. Students will be required to present and discuss the answers to questions in class.

*Credits: 3*

*Every Spring*

**BMS 590C Hospital Communication and Culture Practicum**

This course prepares students for the dynamic hospital environment through the total immersion of the student in this setting thus preparing for a greater level of communication. The facets of culture distinct to a hospital and surgical room will be explored. An extensive terminology list will be developed by the student and preceptors to establish understanding and practice of diction for vocabulary commonly utilized in the hospital environment.

*Open to Cardiovascular Perfusion students only.*

*Credits: 3*

*On Demand*

**BMS 591 Medical Microbiology**

This lecture/ laboratory course serves three purposes: (1) as a "refresher" course to those who are in the field; (2) as a prerequisite for further study in microbiology; and (3) as preparation for professional board examinations. The course covers methods used in the clinical microbiology laboratory to diagnose infectious agents, as well as medical, clinical, epidemiological and nosocomial aspects of microbial disease states. The general characteristics and clinical syndromes of both pathogenic microorganisms and normal microbial flora, the sites of their normal existence in humans, and their relation to host-pathogen interactions will be reviewed. The structural and physiological components of microorganisms as they relate to virulence and pathogenesis are also presented. Clinical laboratory methods employed in carrying out the complete identification of microbial pathogens, including the microscopic examination of infected materials and their clinical interpretation will be presented. Principles of specimen collection, handling, and transport, antibiotic resistance mechanisms and susceptibility testing techniques are also reviewed.

*Credits: 3*

*Every Fall and Spring*

**BMS 594 Medical Parasitology**

This course provides an introduction to the field of medical parasitology, and the study of medically important parasites associated with human disease. Topics include general classification, parasite/host relationships and their effects, methods of transmission, epidemiology, descriptions of life cycles of parasites, treatment, prevention and control of parasitic diseases. The symptoms and diagnosis of parasitic diseases are presented with emphasis on the identification, of Nematodes, Cestodes, Trematodes, Protozoans and Sporozoans. A discussion of the theory, practical application, technical performance, and evaluation of diagnostic procedures used in the clinical parasitology laboratory are presented. Specimen collection and transport methods, preservation of specimens, and the interpretation of the microscopic morphologic features of ova and parasites commonly found in

clinical specimens are stressed.

*Pre requisite of BMS 591 is required.*

*Credits: 3*

*On Demand*

**BMS 595 Zoonoses**

Diseases of feral and domesticated animals communicable to man, which include bacterial, mycotic, rickettsial, chlamydial, viral, protozoal and helminthic infections are examined. Vectors associated with zoonoses are reviewed. The public health and the epidemiology of the diseases and the procedures used to prevent and control humane and animal infection are stressed. Overpopulation of animals as a threat to health and the sociological implications of pet ownership are also discussed.

*Credits: 3*

*On Occasion*

**BMS 603 Biochemistry Lecture**

This course is an inquiry into the chemistry of biologically important compounds including amino acids, proteins, lipids, carbohydrates, acids, vitamins, biological oxidation, intermediary metabolism and enzyme systems.

*Credits: 3*

*On Occasion*

**BMS 609 Laboratory Information Systems**

This course describes the selection and evaluation of Laboratory Information Systems (LIS) to coordinate and interface departments of Clinical and Anatomical Pathology in the hospital setting. Problems concerning needs analysis, cost, value of the system and communication through computer technology are addressed. The usefulness of computer operations in charting, graphing, database analysis and on-line Internet services is also presented. Students identify criteria to be considered to evaluate the success of LIS systems, quality management and their competency. Prerequisite coursework in computers is required.

*Credits: 1*

*Every Spring*

**BMS 610 Histopathology**

This course will teach the student the histologic and cellular composition of tissues in different disease states as compared to normal tissue. Emphasis is on major changes observed in tissues undergoing pathologic processes such as: inflammation, degenerations, necrosis, growth disorders; those changes that occur that influence the health and function of normal tissues within various body systems. Examination of pathology slides is an essential course requirement.

*Credits: 3*

*Every Fall*

**BMS 612 Pathophysiology II**

At the end of the course, the student should have a comprehensive knowledge regarding various inflammatory, neoplastic, congenital and acquired disease states affecting various organ systems of human body and to answer questions related to the

pathophysiology, diagnosis and prognosis of the disease entities.

*Credits: 3*

*Every Fall and Spring*

**BMS 612C Pathophysiology II**

At the end of the course, the student should have a comprehensive knowledge regarding various inflammatory, neoplastic, congenital and acquired disease states affecting various organ systems of human body and to answer questions related to the pathophysiology, diagnosis and prognosis of the disease entities.

*Open to Cardiovascular Perfusion students only.*

*Credits: 3*

*Every Spring*

**BMS 641 Bioinformatics**

This course provides a one semester introduction and overview to the fields of bioinformatics and genomics. The focus will be on providing a practical description of the topics, tools, issues and current trends in bioinformatics. Topics to be discussed include 1) introduction to the storage, representation, analysis, and retrieval of bioinformatics data; 2) introduction to genomics and related fields including proteomics, and pharmacogenomics; 3) description and use of nucleic acid, protein, structure, sequence motif, genome and other relevant databases and 4) overview and discussion of basic sequence manipulations and analyses including sequence assembly and editing, coding region identification, database searching, retrieval, and similarity analysis, multiple sequence alignment, restriction analysis, PCR primer design.

*Prerequisite of BMS 656 is required.*

*Credits: 3*

*On Occasion*

**BMS 647 Quality Management for the Clinical Laboratory**

This course addresses the implementation of quality improvement principles for the Clinical Laboratory. It begins with a discussion of the rational about continuous quality improvement, the group or teamwork approach to quality improvement, and the process of formulating flowcharts, matrices and quality control charts to analyze and quantitate quality improvements measures. It ends by discussing and responding to actual case situations by utilizing clinical practice guideline that help to understand the nature of disease processes and outcomes of early interventions.

*Credits: 3*

*Every Spring*

**BMS 648 Microbial Physiology**

This course examines the metabolic activities of bacteria and fungi. Emphasis is placed on the bacterial cell, enzymes, energy, respiration, fermentation, metabolism, synthesis, catabolic, anabolic and amphibolic pathways. Microbiological assays, spectrophotometry, complete fermentation study and other procedures utilizing basic and



advanced techniques and equipment are included. Collateral readings and term report are required.

*Prerequisite of BMS 591 is required.*

*Credits: 3*

*On Occasion*

### **BMS 650 Advanced Medical Chemistry**

This is an advanced course designed to provide in-depth understanding of the medical approach to evaluating disorders. Several topics are presented for review, analysis and discussion. This course also has a laboratory component which provides further emphasis about medically significant analytes.

*Prerequisite of BMS 550 is required.*

*Credits: 3*

*Every Spring*

### **BMS 651 Pharmacology**

The application of pharmacology, the study of drugs and poisons, is termed therapeutics. To better understand the use of drugs in specific disease states, therapeutics is emphasized in this course.

The student develops an understanding of the disease process being treated and any concomitant diseases the patient may have. The consequences and expectations of the drugs being administered (considering its pharmacodynamics, pharmacognosy and pharmacokinetics) in that specific patient are presented.

*Credits: 3*

*Every Spring*

### **BMS 651C Pharmacology**

The application of pharmacology, the study of drugs and poisons, is termed therapeutics. To better understand the use of drugs in specific disease states, therapeutics is emphasized in this course. The student develops an understanding of the disease process being treated and any concomitant diseases the patient may have. The consequences and expectations of the drugs being administered (considering its pharmacodynamics, pharmacognosy and pharmacokinetics) in that specific patient are presented.

*Open to Cardiovascular Perfusion students only.*

*Credits: 3*

*Every Spring*

### **BMS 652 Clinical Chemistry II & Instrumentation**

This is an advanced course designed to provide in-depth understanding of the medical approach to evaluating disorders. Several topics are presented for review, analysis and discussion. This course also has a laboratory component which provides further emphasis about medically significant analytes.

*Prerequisite of BMS 551 is required.*

*Credits: 3*

*Every Fall*

### **BMS 655 Toxicology and Therapeutic Monitoring**

This course covers the instrumental methods of assay. Toxicologic and pharmacologic action on and by the host organism are examined along with a review of major drug and toxin types. Special topics

of interest are covered in the detection and identification of drugs in biological fluids.

*Credits: 3*

*Every Fall*

### **BMS 656 Diagnostic Techniques in Molecular Pathology**

Molecular diagnostics is the application of methods in molecular biology to the diagnosis of disease.

Molecular biology examines what is going on inside the cell at the DNA/RNA/protein level. This course surveys some of the standard techniques used in molecular biology: cloning, blotting, cell extracts, polymerase chain reaction (PCR), DNA sequencing, and microarrays. Formal lectures are followed by experiments in a laboratory equipped to perform many of the aforementioned techniques. Most of these techniques represent transferable technologies that may be used in various fields; i.e., forensic pathology, clinical laboratory medicine and cancer screening.

*Credits: 3*

*Every Fall and Spring*

### **BMS 661 Advanced Hematology**

In-depth coverage of concepts of cell origin and differentiation, as well as the molecular concepts of disease and current trends in research are covered. Quality control experience in lab practice, marrow differential counts, histochemical and biochemical techniques are included in-depth.

*Prerequisite of BMS 561 is required.*

*Credits: 3*

*Every Spring*

### **BMS 665 Experimental Hematopoiesis**

This course includes the development of techniques in experimental hematopoiesis, primarily on mammalian bone marrow. Instruction of students in techniques of altering hematopoiesis and evaluation of results is also included.

*Prerequisite of BMS 561 is required.*

*Credits: 3*

*On Occasion*

### **BMS 673 Cancer Research: Perspectives, Prospects and Problems**

This course covers molecular biology of cancer, intrinsic and extrinsic factors that regulate cancer, cell cycle regulation, oncogenesis, tumor markers, angiogenesis, senescence, apoptosis, metastasis, immune and biotherapy. This course covers the assessment of the effects of various biological disciplines, i.e., genetics, biochemistry, virology, endocrinology, pathology, pharmacology, hematology and immunology, upon past and present efforts in cancer research.

*Credits: 3*

*Every Fall and Spring*

### **BMS 685 Transfusion Medicine & Transplantation**

The course is a comprehensive overview on current knowledge related to laboratory and clinical practice in Transfusion Medicine. The topics will

cover blood donation process, testing, safety of blood supply, preparation of blood components, storage requirements and appropriate use for the blood components. This course reviews the need for special blood products in unique situations and special patient populations such as neonates, requiring modification of blood products. The course will provide basic understanding of immunohematology related to pre transfusion computability testing, blood administration, immune hemolysis and adverse effects of blood transfusion; Transplantation related topics such as overview of HLA, stem cell collection for transplantation, solid organ transplantation and transfusion support during transplants will also be covered. The course will be particularly relevant and useful for those pursuing patient care - related careers such as Nursing, Medical Technologists, Perfusionists, Physician Assistants and Physicians.

*Pre requisite of BMS 561 or BMS 562 is required.*

*Credits: 3*

*Alternate Years*

### **BMS 687 Advanced Immunology**

This course examines immunology with emphasis on current areas of research. The course is designed to give a broad but thorough covering of Immunology with an emphasis on regulation of immunoglobulin gene rearrangement, B-cell and T cell differentiation, determination of self from non-self and antigen recognition by T and B cells at both the cellular and molecular levels; various cellular and autocrine and exocrine interactions that regulate immunity, receptor-mediated triggering of cellular responses via second messengers, the cellular, humoral and effector mechanisms; tumor immunology, immunotherapy and tumor vaccines; offered in spring.

*Prerequisite of BMS 580 or 581 is required.*

*Credits: 3*

*Every Spring*

### **BMS 688 Laboratory Techniques in Immunochemistry**

Lectures illustrate the quantitative and qualitative aspects of immunochemistry and state-of-the-art monoclonal developments. Laboratory exercises demonstrate molecular weight sieves, ion-exchange chromatography, affinity chromatography, gel precipitation reactions, enzymatic cleavage of antibodies, labeling of antibodies and enzyme immunoassay procedures.

*Prerequisite of BMS 580 or 581 is required.*

*Credits: 3*

*On Occasion*

### **BMS 691 Advanced Medical Microbiology**

This course presents general principles of microbial interactions with humans that result in infection and disease. Infectious syndromes by clinical presentation will be discussed as it relates to specific organ systems. Common themes are developed using examples of viral, bacterial, and parasitological pathogens that exemplify

mechanisms of infectious disease. Operating from the host/agent/environmental triangle base, students learn to recognize common risk factors for select infectious diseases. The epidemiology, pathogenesis, host immune response, diagnosis, treatment, and control will be presented for each infectious disease discussed. Isolation, identification and the significance of microorganisms implicated in disease are covered in depth, including the latest automated and molecular technologies used in the clinical microbiology laboratory. Principles of public health epidemiology, infection control and disease prevention are also presented. The improper use of antibiotics and the resulting multi-drug resistant agents that contribute to increasing infections are discussed, as well as the current testing strategies and methods used for both the identification of various resistance mechanisms, and for proper antibiotic therapeutic choices.

*Prerequisite of BMS 591 is required.*

*Credits: 3*

*Every Spring*

#### **BMS 696 Medical Mycology**

This course presents the clinically important yeast and fungi involved in human disease. The taxonomy, morphology, properties, and reproduction mechanisms of yeast and fungi will be discussed, as well as the different categories of fungal mycoses. Clinically significant species will be presented and discussed, including their epidemiology, diagnosis, pathogenesis, and disease prevention. Clinical laboratory methods used for the isolation and identification of pathogenic yeast and fungi will be reviewed. Specimen collection and transport methods that ensure recovery of fungi from patient specimens, and the interpretation of the microscopic morphologic features of fungi commonly found in clinical specimens will be presented. The course also includes how the immunodiagnosis of fungal infections, antifungal susceptibility testing, and molecular methods play a role in patient care.

*Prerequisite of BMS 591 is required.*

*Credits: 3*

*Alternate Spring*

#### **BMS 698 Medical Virology**

This course provides an introduction to the field of medical virology, and the study of medically important viruses associated with human disease. The course presents the analysis of viral and host factors that play a role in viral diseases of medical importance.

The structural components of viruses and their replication strategies as it relates to their pathogenesis are also presented, as well as specific host defense mechanisms which play an important role in human viral infection. Specific viral agents and their clinical presentations will be discussed, including a discussion of their epidemiology, transmission, diagnosis, clinical symptoms, treatment and disease prevention. The collection, handling, and transport of specimens for the

isolation and identification of common viral pathogens will be discussed, including the specific diagnostic techniques used in the clinical virology laboratory. The course also includes how the immunodiagnosis of viral infections, antiviral susceptibility testing, and molecular methods play a role in patient care.

*Credits: 3*

*Every Fall and Spring*

#### **BMS 699 Laboratory Techniques in Virology**

Production, purification and quantitation of viruses, with analysis of virion structure and investigation of steps in viral replication are covered in this course.

*Prerequisite of BMS 698 is required.*

*Credits: 3*

*On Occasion*

#### **BMS 700 Selected Problems in Laboratory Medicine**

This course examines a research problem under the guidance of a member of the Department of Biomedical Sciences faculty. Open only to matriculated students. Students may register only once for this course. Credit value is restricted to 1 or 2 credits and requires the approval of the chairperson, the Graduate Committee and the mentor. Open only to matriculated students.

*Credits: 1 to 2*

*On Occasion*

#### **BMS 700C Selected Topics In Lab Medicine**

This course examines a research problem under the guidance of a member of the Department of Biomedical Sciences faculty. Open only to matriculated students. Students may register only once for this course. This course requires the approval of the Director of the Cardiovascular Perfusion program and the Biomedical Sciences chairperson.

*Open to Cardiovascular Perfusion students only.*

*Credits: 1*

*On Occasion*

#### **BMS 703 Research Methods**

This is a course designed to provide practical tools for initiation and development of a research proposal. The scientific approaches to problem-solving, data collection and analysis are discussed.

*Credits: 3*

*Every Fall, Spring and Summer*

#### **BMS 703C Research Methods**

This is a course designed to provide practical tools for initiation and development of a research proposal. The scientific approaches to problem-solving, data collection and analysis are discussed.

*Open to Cardiovascular Perfusion students only.*

*Credits: 3*

*Every Summer*

#### **BMS 704 Clinical Research Thesis**

This course is a clinical research project designed to develop and enhance research skills appropriate to

the area of specialization chosen for the M.S. degree. The research data is obtained from a health care facility, academic setting, business or industry, community program or clinical research facility. The collected data is analyzed and a thesis is written and presented to the department. Open only to matriculated students with approval by department chairperson, Graduate Committee and mentor.

*Prerequisite of BMS 703 is required.*

*Credits: 3*

*Every Semester*

#### **BMS 704C Clinical Research Thesis**

This course is a clinical research project designed to develop and enhance research skills appropriate to the area of specialization chosen for the M.S. degree. The research data is obtained from a health care facility, academic setting, business or industry, community program or clinical research facility. The collected data is analyzed and a thesis is written and presented to the department. Open only to matriculated students with approval by department chairperson, Graduate Committee and mentor.

*Prerequisite of BMS 703 and a Cardiovascular Perfusion major is required.*

*Credits: 3*

*Every Semester*

#### **BMS 705 Selected Topics in Medical Biology**

This seminar course deals with current topics and critiques and evaluates techniques used in an area of specialization in Medical Biology. These include Medical Chemistry, Hematology, Immunology and Medical Microbiology. Different topics are offered during an academic year. Open only to matriculated students.

*Credits: 3*

*On Occasion*

#### **BMS 706 Research Project & Comprehensive Exam**

This course provides another option for successful completion of the Master of Science degree through the completion of a research project and a comprehensive examination in the specialty. Open only to matriculated students with approval by department chairperson, Graduate Committee and mentor.

*Prerequisite of BMS 703 is required.*

*Credits: 3*

*Every Semester*

#### **BMS 706C Research Project & Comprehensive Exam**

This course provides another option for successful completion of the Masters of Science degree through the completion of a research project and a comprehensive examination in the specialty. Open only to matriculated students with approval by department chairperson, Graduate Committee and mentor.

*Prerequisite of BMS 703 and a Cardiovascular Perfusion major is required.*

*Credits: 3*

*Every Semester*

**BMS 708 Experimental Research Thesis**

For experimental theses, the model system may be animals, tissue cells or microbial agents. The topic selection for experimental thesis is generally decided by the mentor. The student (with the help of the mentor) has to have logically defined objectives and a clear hypothesis. In this course the student has to carry out the experiments, review relevant literature, collect all research data, formulate graphs, figures or tables and write the results, discussion, summary, conclusions and defend the thesis with a PowerPoint presentation.

*Prerequisite of BMS 703 is required.*

*Credits: 3*

*Every Semester*

**BMS 708C Experimental Research Thesis**

For experimental theses, the model system may be animals, tissue cells or microbial agents. The topic selection for experimental thesis is generally decided by the mentor. The student (with the help of the mentor) has to have logically defined objectives and a clear hypothesis. In this course the student has to carry out the experiments, review relevant literature, collect all research data, formulate graphs, figures or tables and write the results, discussion, summary, conclusions and defend the thesis with a PowerPoint presentation.

Only open to students enrolled in the Cardiovascular Perfusion program.

*Prerequisite of BMS 703 and a Cardiovascular Perfusion major is required.*

*Credits: 3*

*Every Semester*

**BMS 709 Clinical Management Project**

This course is designed for the Clinical Laboratory Management M.S. degree candidate who will address a management problem within the clinical setting. Examples of some project topics include: motivation of co-workers, organization and communication improvements, measuring group effectiveness, selection criteria for employees, appraisals of laboratory personnel, staffing, development of educational activities, implementation of procedures, budgeting cost analysis, workloads, inventory management and cost-containment measures. Problems should be defined, solutions suggested and tested and a project paper (Thesis) written and defended. Open only to matriculated students with approval of department chairperson, Graduate Committee and mentor.

*Prerequisite of BMS 703 is required.*

*Credits: 3*

*Every Semester*

**BMS 709C Clinical Management Project**

This course is designed for Master of Science degree candidate who will address a management problem within the clinical setting. Examples of some project topics include: motivation of co-workers, organization and communication improvements,

measuring group effectiveness, selection criteria for employees, appraisals of laboratory personnel, staffing, development of educational activities, implementation of procedures, budgeting cost analysis, workloads, inventory management and cost-containment measures. Problems should be defined, solutions suggested and tested and a project paper (Thesis) written and defended. Open only to matriculated students with approval of department chairperson, Graduate Committee and mentor.

*Prerequisite of BMS 703 and a Cardiovascular Perfusion major is required.*

*Credits: 3*

*Every Semester*

**BMS 759 Practicum in Clinical Chemistry/Urinalysis**

The student will work with assigned preceptors at assigned clinical sites learning the techniques, procedures, instrumentation, and rationale of routine and special chemistry tests. The rationale of clinical significance will be addressed. 40 hour week for 6 weeks = 240 hours. Routine urinalysis will be instructed for one week; special chemistry involving esoteric chemistry methodologies for one week. Enrollment Requirement: minimum G.P.A. 3.0 in didactic courses in the program and successful interview. Program director permission required.

*Credits: 3*

*Every Spring*

**BMS 769 Practicum in Hematology, Coagulation, Histotechniques**

The students will work with assigned preceptors at assigned clinical sites to learn to perform and to troubleshoot with instrumentation routine and specialized tests in hematology and coagulation. The rationale of clinical significance will be addressed. Students will learn to perform techniques in the histology department. 40 hour week for 6 weeks = 240 hours. Special Hematology for one week and Coagulation for one week. Enrollment Requirement: minimum G.P.A. 3.0 in didactic courses in the program and successful interview. Program director permission required.

*Credits: 3*

*Every Spring*

**BMS 789 Practicum in Immunohematology/ Clinical Immunology**

The students will work with assigned preceptors at the assigned clinical site learning routine and advanced techniques of blood banking procedures and techniques. All aspects of transfusion medicine will be addressed. Two weeks will be dedicated to the clinical immunology lab learning various molecular and immunological procedures and their associated clinical significance. 40 hour week for 6 weeks = 240 hours. Enrollment Requirement: minimum G.P.A. 3.0 in didactic courses in the program and successful interview. Program director permission required.

*Credits: 3*

*Every Spring*

**BMS 799 Practicum in Microbiology**

The student will learn under the direction of preceptors at the assigned clinical sites to isolate, culture and identify bacterial, fungal, and parasitic pathogens. 40 hour week for 6 weeks = 240 hours. Enrollment Requirement: minimum G.P.A. 3.0 in didactic courses in the program and successful interview. Program director permission required.

*Credits: 3*

*Every Spring*

**BMS 800C Surgery**

This graduate course reviews the anatomy, physiology and pathology of the heart, emphasizing disorders caused by circulatory shock, pericarditis, cardiac tamponade, endocarditis, cor pulmonale and cardiac failure. The course also identifies cardiac surgical equipment and instruments used in cardiac surgical procedures. Surgeries on patients experiencing coronary artery disease, resection of left ventricular aneurysm, mitral and aortic valve repair, complex congenital cardiac malformations, hypoplastic left heart syndrome, malformations resulting in left to right to left shunts, aortic aneurysm and acute aortic transection are presented. First year (Modules I & II) of CVP Program taught through the School of Cardiovascular Perfusion, Department of Cardiovascular & Thoracic Surgery, North Shore University Hospital (Great Neck, NY). Only open to students enrolled in the Cardiovascular Perfusion program. (1152 hours Clinical Instrumentation)

*Open to Cardiovascular Perfusion students only.*

*Credits: 6*

*Every Fall*

**BMS 810C Perfusion Technology**

This course combines clinical competency in perfusion techniques, didactic instruction with practical operating room experience and laboratory study of the extracorporeal circuit. The course begins with a discussion of the evolution of perfusion technology, describes the laboratory components needed, venous and arterial cannuli, flow limitations, and determination of Reynold's number. Included also are discussions of heater/cooler and heat exchanges; circulation, hypothermia, tubing, circuits, charting, pressure monitoring, arterial blood gas, electrolytes, cardiomy reservoirs and suction systems, cardiopulmonary bypass and safety, and myocardial protection delivery systems. The course teaches techniques, procedures, laboratory techniques, management and evaluation of the total perfusion process. First year (Module I & II) of CVP Program. *Open to Cardiovascular Perfusion students only.*

*Credits: 6*

*Every Spring*

**BMS 820C Clinical Practicum I**

The Clinical Practicum Courses completed at North Shore University Hospital are designed to

provide perfusion students with an intensive opportunity to develop, practice and master the skills required to perform safe extracorporeal circulation procedures. These clinical practice courses require directed hands-on use of equipment and techniques that constitute the cardiopulmonary bypass procedure. Under the direct supervision of a clinical instructor, the students are exposed to increasing levels of responsibility in the clinical conduct of perfusion. As the students' abilities permit, they assume expanding responsibilities with the ultimate goal of functioning independently as a practicing perfusionist. These clinical practice courses are taught in the operating room theater with special emphasis on developing technical skills in the extracorporeal procedure itself. Instruction will also include current adjunctive methods in autotransfusion, myocordial preservation techniques, intra-aortic balloon support, and aseptic techniques. At course completion, the student will have:

1. Developed sufficient clinical competency about the rudiments of extracorporeal circuit, its components, design, assembly and operation of the equipment.
2. Under directed supervision, begun to successfully perform those technical manipulations that constitute the essential part of the extracorporeal circuit and other perfusion procedures
3. Been evaluated by the instructors supervising the clinical learning experiences. Students are evaluated by using an evaluation form titled "Perfusion Student Case Evaluation". Following the completion of Perfusion Clinical Practice courses, each student is required to perform clinical cases for clinical competency determination. In these Clinical Competency Cases, each student's ability to function independently as a clinical perfusionist is evaluated for his or her level of training. These clinical competency evaluations are performed utilizing the standard procedures for clinical student case evaluation. In addition, the clinical instructors evaluate the entry-level clinical competency skills as required by the American Board of Cardiovascular Perfusion. Second year (Module III & IV) of CVP Program. Only open to students enrolled in the Cardiovascular Perfusion program. (960 hours each; 288 hours total)  
*Open to Cardiovascular Perfusion students only.*  
*Credits: 5*  
*Every Summer*

**BMS 822C Clinical Practicum II**

The Clinical Practicum Courses completed at North Shore University Hospital are designed to provide perfusion students with an intensive opportunity to develop, practice and master the skills required to perform safe extracorporeal circulation procedures. These clinical practice courses require directed hands-on use of equipment and techniques that constitute the cardiopulmonary bypass procedure. Under the direct supervision of a clinical instructor, the students are exposed to increasing levels of responsibility in the clinical

conduct of perfusion. As the students' abilities permit, they assume expanding responsibilities with the ultimate goal of functioning independently as a practicing perfusionist. These clinical practice courses are taught in the operating room theater with special emphasis on developing technical skills in the extracorporeal procedure itself. Instruction will also include current adjunctive methods in autotransfusion, myocordial preservation techniques, intra-aortic balloon support, and aseptic techniques. At course completion, the student will have:

1. Developed sufficient clinical competency about the rudiments of extracorporeal circuit, its components, design, assembly and operation of the equipment.
2. Under directed supervision, begun to successfully perform those technical manipulations that constitute the essential part of the extracorporeal circuit and other perfusion procedures
3. Been evaluated by the instructors supervising the clinical learning experiences. Students are evaluated by using an evaluation form titled "Perfusion Student Case Evaluation". Following the completion of Perfusion Clinical Practice courses, each student is required to perform clinical cases for clinical competency determination. In these Clinical Competency Cases, each student's ability to function independently as a clinical perfusionist is evaluated for his or her level of training. These clinical competency evaluations are performed utilizing the standard procedures for clinical student case evaluation. In addition, the clinical instructors evaluate the entry-level clinical competency skills as required by the American Board of Cardiovascular Perfusion. Second year (Module III & IV) of CVP Program. Only open to students enrolled in the Cardiovascular Perfusion program. (960 hours each; 288 hours total)  
*Open to Cardiovascular Perfusion students only.*  
*Credits: 5*  
*Every Fall*

**BMS 824C Clinical Practicum III**

The Clinical Practicum Courses completed at North Shore University Hospital are designed to provide perfusion students with an intensive opportunity to develop, practice and master the skills required to perform safe extracorporeal circulation procedures. These clinical practice courses require directed hands-on use of equipment and techniques that constitute the cardiopulmonary bypass procedure. Under the direct supervision of a clinical instructor, the students are exposed to increasing levels of responsibility in the clinical conduct of perfusion. As the students' abilities permit, they assume expanding responsibilities with the ultimate goal of functioning independently as a practicing perfusionist. These clinical practice courses are taught in the operating room theater with special emphasis on developing technical skills in the extracorporeal procedure itself. Instruction will also include current adjunctive methods in

autotransfusion, myocordial preservation techniques, intra-aortic balloon support, and aseptic techniques. At course completion, the student will have:

1. Developed sufficient clinical competency about the rudiments of extracorporeal circuit, its components, design, assembly and operation of the equipment.
2. Under directed supervision, begun to successfully perform those technical manipulations that constitute the essential part of the extracorporeal circuit and other perfusion procedures
3. Been evaluated by the instructors supervising the clinical learning experiences. Students are evaluated by using an evaluation form titled "Perfusion Student Case Evaluation". Following the completion of Perfusion Clinical Practice courses, each student is required to perform clinical cases for clinical competency determination. In these Clinical Competency Cases, each student's ability to function independently as a clinical perfusionist is evaluated for his or her level of training. These clinical competency evaluations are performed utilizing the standard procedures for clinical student case evaluation. In addition, the clinical instructors evaluate the entry-level clinical competency skills as required by the American Board of Cardiovascular Perfusion. Second year (Module III & IV) of CVP Program. Only open to students enrolled in the Cardiovascular Perfusion program. (960 hours each; 288 hours total)  
*Open to Cardiovascular Perfusion students only.*  
*Credits: 5*  
*Every Spring*

## DEPARTMENT OF NURSING

Phone: 516-299-2320

Fax: 516-299-2352

Email: nursing@cwpost.liu.edu

Chair: Dr. Mary Infantino

Professors: Wysoker

Associate Professors: Kapp, Knapp, Zitkus

Program Director, Nursing Education: Kapp

Program Director, Family Nurse Practitioner:

Zitkus

Adjunct Faculty: 10

The Department of Nursing in the School of Health Professions and Nursing offers three accredited graduate programs that prepare nurses to become strong, effective leaders who excel in clinical management and nursing education. The School offers Master of Science degrees in Family Nurse Practitioner (FNP), Advanced Practice Nursing: Clinical Nurse Specialist (CNS), and Nursing Education (NED). Also offered are post-master's advanced certificates in Family Nurse Practitioner and Nursing Education. The Master of Science in Nursing Education is designed to prepare nurse educators for faculty and staff educator roles, and is delivered in an innovative blended format whereby all the courses in the program are offered half online and half face-to-face. The Master of Science programs in Nursing are fully accredited by the Commission on Collegiate Nursing Education (CCNE).

We offer individualized attention and small classes to accommodate the needs of the Registered Nurse. Faculty members are available to answer questions and prospective students are encouraged to contact the Department of Nursing for further information about the programs of study.

### M.S. in Advanced Practice Nursing

LIU Post offers the Master of Science in Advanced Practice Nursing to become a clinical nurse specialist. The 39-credit program can be completed in six semesters of part-time study. Graduates of the master's degree program will be eligible for national board certification through the American Nurses Credentialing Center. Clinical nurse specialists practice in a variety of health care settings. They are expert clinicians in a specialized field of nursing and provide direct care, collaborate with other health care professionals to manage complex patients, consult with nursing staffs, design and participate in nursing and patient education programs, and are involved in institutional change by developing and incorporating policy and procedural changes in health care delivery systems.

#### ADMISSION REQUIREMENTS

Applicants to the M.S. in Advanced Practice Nursing: Clinical Nurse Specialist must meet the

following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable)
- Possess a current New York State Registered Nurse license
- One year of clinical experience preferred
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants with non-nursing Bachelor's degrees will be considered.
- Prior undergraduate coursework, or the equivalent, in Health Assessment. If an applicant does not meet this requirement they may still be admitted into the program as a limited matriculant until appropriate coursework is completed. This must be done prior to the Spring semester of the second year of study.
- A personal interview with faculty
- There is one recommended course and one prerequisite course for the master's program. The Department of Nursing recommends an undergraduate research course or workshop prior to taking the graduate research course. In addition, an undergraduate health assessment course or workshop is required prior to taking the graduate advanced health assessment course.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- A minimum overall G.P.A. of 3.0
- International students are also required to achieve a minimum Test of English as a Foreign Language (TOEFL) score of 85 Internet-based (a minimum listening score of 22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.5 or above is also acceptable.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

### M.S. in Advanced Practice Nursing Requirement

#### Required Core Courses

NUR	501	Issues in Professional Nursing for Advanced Nurses and Nurse Educators	3.00
NUR	601	Theories and Conceptual Models of Nursing Theories and Conceptual Models of Nursing	3.00
NUR	602	Nursing Research I	3.00

NUR	604	Advanced Physiology and Pathophysiology	3.00
NUR	605	Pharmacology for Advanced Practice Nursing	4.00
NUR	606	Advanced Health Assessment	2.00
NUR	606L	Advanced Health Assessment Practicum (90 hours)	2.00
NUR	621	The Family: Social, Ethical and Policy Issues	3.00
NUR	702	Nursing Research II	3.00

#### Required Specialty Courses

NUR	610	Clinical Nurse Specialist Theory	4.00
NUR	632	Clinical Nurse Specialist Practicum	4.50
NUR	632S	Clinical Nurse Specialist Seminar	0.00
NUR	633	Clinical Nurse Specialist Practicum	4.50
NUR	633S	Clinical Nurse Specialist Seminar	0.00

### M.S. in Advanced Practice Nursing Major G.P.A.

The Minimum Required G.P.A. is 3.00

### M.S. in Family Nurse Practitioner

LIU Post offers the Master of Science in Family Nurse Practitioner (FNP) accredited by the Commission on Collegiate Nursing Education. The 46-credit program is designed to be completed in six semesters of part-time study. Graduates of the FNP program will be eligible for a New York State Certificate as family nurse practitioners and will be eligible for national board certification through the national certifying agencies for advanced practice nursing (American Nurses Credentialing Center, American Academy of Nurse Practitioners). Family nurse practitioners perform health assessments, diagnose medical and nursing problems, and provide healthcare management and guidance to patients and their families in a wide variety of health care settings. The FNP program serves to increase the opportunity for nurses to obtain advanced practice preparation as well as serve to increase the number of nurse practitioners available to deliver both primary and tertiary care to families.

The School of Health Professions and Nursing at LIU Post also offers a 27-credit post-master's Advanced Certificate in Family Nurse Practitioner to RNs who hold a master's degree in nursing and wish to become family nurse practitioners.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Family Nurse Practitioner must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable)
- Possess a current New York State Registered Nurse license
- One year of clinical experience preferred
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants with non-nursing Bachelor’s degrees will be considered.
- Prior undergraduate coursework, or the equivalent, in Health Assessment. Applicants who do not meet this requirement may still be admitted into the program as limited matriculants until appropriate coursework is completed. This must be done prior to the Spring semester of the second year of study.
- A personal interview with faculty
- There is one recommended course and one prerequisite course for the master’s program. The Department of Nursing recommends an undergraduate research course or workshop prior to taking the graduate research course. In addition, an undergraduate health assessment course or workshop is required prior to taking the graduate advanced health assessment course.
- Two professional and/or academic letters of recommendation that address the applicant’s potential in the profession and ability to complete a graduate program. Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- A minimum overall G.P.A. of 3.0
- International students are also required to achieve a minimum Test of English as a Foreign Language (TOEFL) score of 85 Internet-based (a minimum listening score of 22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.5 or above is also acceptable.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Family Nurse Practitioner Requirements**

**Core Courses**

NUR 501	Issues in Professional Nursing for Advanced Nurses and Nurse Educators	3.00
NUR 601	Theories and Conceptual Models of Nursing Theories and Conceptual Models of Nursing	3.00

NUR 602	Nursing Research I	3.00
NUR 604	Advanced Physiology and Pathophysiology	3.00
NUR 605	Pharmacology for Advanced Practice Nursing	4.00
NUR 606	Advanced Health Assessment	2.00
NUR 606L	Advanced Health Assessment Practicum (90 hours)	2.00
NUR 621	The Family:Social, Ethical and Policy Issues	3.00
NUR 702	Nursing Research II	3.00

**Specialty Courses**

NUR 611	Diagnosis & Management I:Primary Care of the Adult	4.00
NUR 612	Diagnosis And Management II	4.00
NUR 622	FNP Practicum I	6.00
NUR 622S	Diagnosis & Management I Seminar	0.00
NUR 623	FNP Practicum II	6.00
NUR 623S	Diagnosis and Management II Seminar	0.00

**M.S. in Family Nurse Practitioner Major G.P.A.**

The Minimum Required G.P.A. is 3.00

**M.S. in Nursing Education**

The Master of Science in Nursing Education qualifies graduates to teach in nursing programs at the LPN, associate, bachelor’s and master’s levels and to serve as staff educators in health care facilities. The program is open to nurses who need specific education courses to qualify for New York State certification as secondary school health education teachers.

The program is offered in a blended learning format, which combines the convenience of online learning with the benefits of live classroom discussion and interaction. Nearly half of each course in the M.S. in Nursing Education program is taught online, with the balance occurring in a traditional classroom setting. This provides you with the opportunity to meet personal and professional obligations, while fulfilling degree requirements.

The core curriculum for the M.S. degree includes coursework in nursing theory, issues in professional nursing for advanced practice nurses and nurse educators, and nursing research. As part of their degree requirements, students are required to complete a research proposal, 12 credits of core courses and 21 credits of specialty courses.

The 33-credit program can be completed in five semesters of part-time study and one summer session. Nurse Educator candidates complete two semesters of preceptored teaching practice.

The program is accredited by the Commission on Collegiate Nursing Education.

**ADMISSION REQUIREMENTS**

Applicants to the M.S. in Nursing Education must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable)
- Possess a current New York State Registered Nurse license
- One year of clinical experience preferred
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Applicants with non-nursing Bachelor's degrees will be considered.
- A personal interview with Department of Nursing faculty
- The Department of Nursing recommends an undergraduate research course or workshop prior to taking the graduate research course.
- Two professional and/or academic letters of recommendation that address the applicant’s potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- a minimum overall G.P.A. of 3.0
- International students are also required to achieve a minimum Test of English as a Foreign Language (TOEFL) score of 85 Internet-based (a minimum listening score of 22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.5 or above is also acceptable.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**M.S. in Nursing Education Requirements Required Nursing Education Core Courses**

NUR 501	Issues in Professional Nursing for Advanced Nurses and Nurse Educators	3.00
NUR 601	Theories and Conceptual Models of Nursing Theories and Conceptual Models of Nursing	3.00
NUR 602	Nursing Research I	3.00
NUR 702	Nursing Research II	3.00

**Required Nursing Education Specialty Courses**

NUR 644	Curriculum Devel In Nursing	3.00
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NUR 646	Technology for Nursing Education	3.00
NUR 648	Teaching Strategies for Educators	3.00
NUR 650	Assessment Evaluation in Nursing	4.00
NUR 652	Teaching Practicum I	4.00
NUR 652S	Teaching Seminar	0.00
NUR 654	Teaching Practicum II	4.00
NUR 654S	Teaching Seminar II	0.00

**M.S. in Nursing Education Major G.P.A.**  
The Minimum Required G.P.A. is 3.00

### Advanced Certificate in Family Nurse Practitioner

The post-master's Advanced Certificate in Family Nurse Practitioner is a 27-credit program offered to RNs who hold a master's degree in nursing and wish to be certified as Family Nurse Practitioners. Candidates for this certificate will complete course work and preceptored clinical practice in settings providing primary health care to families.

The program is designed to be completed in four semesters of part-time study. Candidates for the certificate will be required to complete course work in pharmacology, family theory and three semesters of preceptored clinical practice in settings providing primary health care to families. Coursework in pathophysiology and advanced health assessment are required for admission. Qualified candidates may challenge from 3 to 11 credits for advanced standing in the program through presentation of acceptable courses from an accredited nursing program taken within the last five years.

The program is accredited by the Commission on Collegiate Nursing Education.

#### ADMISSION REQUIREMENTS

Applicants to the Advanced Certificate in Family Nurse Practitioner program must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Possess a current New York State Registered Nurse license
- One year of clinical experience preferred
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended
- Possess a master's degree in nursing (with a minimum 3.0 G.P.A.) from an accredited school of nursing
- Prerequisite coursework in advanced physiology and pathophysiology and advanced health assessment. This coursework may also be completed at LIU Post.
- Qualified candidates may transfer from 3 to 11 credits for advanced standing in the program

through the presentation of acceptable courses from an accredited school of nursing taken within the last five years (provided a "B" grade or better was received in the course).

- A personal interview with faculty
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- a minimum overall G.P.A. of 3.0
- International students are also required to achieve a minimum Test of English as a Foreign Language (TOEFL) score of 85 Internet-based (a minimum listening score of 22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.5 or above is also acceptable.

#### Send application materials to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

### Advanced Certificate in Family Nurse Practitioner

#### Specialty Course Requirements

NUR 600P	Practicum	0.00
NUR 605	Pharmacology for Advanced Practice Nursing	4.00
NUR 611	Diagnosis & Management I	4.00
NUR 612	Diagnosis And Management II	4.00
NUR 621	The Family:Social,Ethical and Policy Issues	3.00
NUR 622	FNP Practicum I	6.00
NUR 622S	Diagnosis & Management I Seminar	0.00
NUR 623	FNP Practicum II	6.00
NUR 623S	Diagnosis and Management II Seminar	0.00

#### Advanced Certificate in Family Nurse Practitioner G.P.A. Requirements

The minimum required G.P.A. is 3.00

### Advanced Certificate in Nursing Education

A post-master's Advanced Certificate in Nursing Education can be completed in four semesters and one summer session. The program is open to qualified nurses who have a master's degree in nursing and who want to become nurse educators. The 21-credit program prepares the

student to teach in nursing programs at the LPN, associate, bachelor's and master's levels, and in hospitals and health care facilities. The core curriculum includes specialty coursework in nursing education, including curriculum development, instructional technology and teaching and learning strategies. Clinical placements are provided by the Department.

The program is offered in a blended learning format, which combines the convenience of online learning with classroom instruction. The program is perfect for busy working nursing professionals who want to earn teaching credentials, but who don't have the time to attend onsite classes on a weekly basis. The online component of these blended courses enables the student to attend class on their own schedule virtually anywhere there is an Internet connection, while reaping the rewards of face-to-face contact with professors. Nearly half of each course in the Advanced Certificate program is taught online, with the balance occurring in a traditional classroom setting providing the opportunity to meet personal and professional obligations, while fulfilling degree requirements.

The program is accredited by the Commission on Collegiate Nursing Education.

#### ADMISSION REQUIREMENTS

Applicants to the Advanced Certificate in Nursing Education must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$30 (non-refundable)
- Possess a current New York State Registered Nurse license
- One year of clinical experience preferred
- Official copies of your graduate transcripts from any college(s) or universities you have attended
- Applicants with non-nursing Bachelor's degrees will be considered.
- Qualified candidates may transfer from 3 to 11 credits for advanced standing in the program through the presentation of acceptable courses from an accredited school of nursing taken within the last five years (provided a "B" grade or better was received in the course).
- A personal interview with faculty
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- a minimum overall G.P.A. of 3.0
- International students are also required to achieve a minimum Test of English as a Foreign Language (TOEFL) score of 85 Internet-based (a minimum listening score of 22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.5 or above is also acceptable.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**Advanced Certification in Nursing**

**Education Requirements**

**Required Nursing Education Specialty Courses**

NUR	644	Curriculum Devel In Nursing	3.00
NUR	646	Technology for Nursing Education	3.00
NUR	648	Teaching Strategies for Educators	3.00
NUR	650	Assessment Evaluation in Nursing	4.00
NUR	652	Teaching Practicum I	4.00
NUR	652S	Teaching Seminar	0.00
NUR	654	Teaching Practicum II	4.00
NUR	654S	Teaching Seminar II	0.00

**Advanced Certificate in Nursing**

**Education G.P.A. Requirements**

The Minimum Required G.P.A. is 3.00



## Nursing Courses

### **NUR 501 Issues in Professional Nursing for Advanced Nurses and Nurse Educators**

This course addresses the current professional and legal issues that influence advanced nursing practice, nursing education and the health care delivery system. Health care policy, changes in the economics of health care, and their impact on nursing will be considered.

*Credits: 3*

*Every Fall*

### **NUR 600P Practicum**

Students who meet any of the following criteria will need to register for NUR 600P. Fee is equivalent to one credit per 100 practicum hours. 1) Students who require additional time beyond the academic semester to achieve the total required practicum hours. 2) Students who have a two semester lapse in time between any of the practicum graduate courses. 3) Students who are considered by faculty to be unsatisfactory. 4) Post Master's FNP Certificate Program students.

*Credits: 0*

*On Demand*

### **NUR 601 Theories and Conceptual Models of Nursing**

This course provides an in-depth exploration of theories and the utilization and application of theory to nursing. The relationships among philosophy, methods of inquiry and theory development are analyzed. The utilization of theoretical and conceptual models for nursing will be discussed.

*Credits: 3*

*Every Fall*

### **NUR 602 Nursing Research I**

This course provides the student with the skills to analyze the steps of the research process and to formulate a research question related to advanced practice nursing or nursing education. Students are encouraged to work collaboratively with colleagues in the workplace to identify a research problem.

*Prerequisite of NUR 601 is required.*

*Credits: 3*

*Every Spring*

### **NUR 604 Advanced Physiology and Pathophysiology**

The pathophysiology underlying diseases is studied to enable the student to form a basis for clinical judgment and diagnosis. The key principles and facts underlying present knowledge of tissue and organ systems, their specialized function and interrelationships will be studied.

*Credits: 3*

*Every Spring*

### **NUR 605 Pharmacology for Advanced Practice Nursing**

In order to prescribe medication appropriately and

safely, the advanced practice nurse must have an understanding of pharmacology, the use of therapeutic agents in specific disease states, dosage, toxicity, and monitoring parameters. This course builds on previous nursing knowledge to provide the understanding necessary to safely and effectively prescribe drug therapy. Content also includes both state and federal laws, and regulations relating to prescribing drugs in a managed care environment.

*Credits: 4*

*Every Fall*

### **NUR 606 Advanced Health Assessment**

The student will build upon basic physical assessment skills in this course. Comprehensive physical examination of the client as well as psychosocial, spiritual developmental, occupational and cultural aspects of health assessment are studied in depth, in order to develop an evidence-based comprehensive health assessment and plan of care for clients, which includes the selection and interpretation of appropriate laboratory and other diagnostic tests. The promotion and maintenance of health management in the care of the client will be emphasized. Concurrently, students will complete a laboratory practicum where theoretical content will be integrated into the students' experience. A case study approach will be utilized.

*Prerequisites of NUR 604 & NUR 605 and Co-requisite of NUR 606L are required.*

*Credits: 2*

*Every Spring*

### **NUR 606L Advanced Health Assessment Practicum (90 hours)**

The laboratory practicum is designed to be taken concurrently with Advanced Health Assessment. The practicum experience provides the opportunity for advanced practice nursing students to integrate theoretical content into the clinical experience. Emphasis is placed on developing an evidence-based comprehensive and problem-oriented health examination of the client.

*Co-requisite of NUR 606 is required.*

*Credits: 2*

*Every Spring*

### **NUR 610 Clinical Nurse Specialist Theory**

Students will have the opportunity to synthesize, apply and build upon the knowledge and skills relevant to the process of advanced nursing practice that were acquired in previous specialty, foundation, research and elective courses. The traditional and emerging role of the CNS and selected functions, namely, change agent/leader, consultant/collaborator, educator, clinical expert and researcher will be explored in depth as they specifically relate to the roles and of the clinical nurse specialist. Perfecting leadership skills and knowledge of planned change will be a focus of the course.

*Prerequisite of NUR 606 and Co-requisite of NUR 632 & NUR 632S are required.*

*Credits: 4*

*Every Fall*

### **NUR 611 Diagnosis & Management I: Primary Care of the Adult**

The goal of this course is to integrate the theoretical knowledge of using evidence-based practice protocols in the assessment, diagnosis and management of common acute and common illnesses as well as chronic medication conditions of family members throughout the lifespan while applying these protocols practically in the clinical setting. Focus of this course will be the adult population. All students will be required to complete a Capstone project that incorporates the evaluation of a client with multiple chronic conditions while providing an in-depth examination of the interactions among these conditions. The student is required to take NUR622/622s-Primary Care Practicum and seminar (see course overview for NUR 622/622s) in conjunction with NUR611.

*Prerequisite of NUR 606 & Co-requisite of NUR 622 & 622S are required.*

*Credits: 4*

*Annually*

### **NUR 612 Diagnosis and Management II**

The goal of this course follows a similar pathway found in NUR611 whereby the integration of theoretical knowledge using evidence-based practice protocols in the assessment, diagnosis and management of common acute and common illnesses as well as chronic medication conditions will focus on pediatrics and gynecology while applying these protocols practically in the clinical setting. The student is required to take NUR623/623s-Primary Care Practicum and seminar (see course overview for NUR 623/623s) in conjunction with NUR612.

*Prerequisite of NUR 606 & Co-requisite of NUR 623 & NUR 623S are required.*

*Credits: 4*

*Annually*

### **NUR 621 The Family: Social, Ethical and Policy Issues**

Through the exploration of family theory and the examination of cultural, social, ethical, legal and family policy issues, the student will develop a comprehensive view of issues which need to be considered in the delivery of quality health care.

*Credits: 3*

*Annually*

### **NUR 622 FNP Practicum I**

This practicum is taken concurrently with NUR611. Students are assigned preceptors (a nurse practitioner or a physician) in a primary adult care setting. Students are introduced to practice protocols and essential competencies necessary to provide primary health care to a diverse adult client population across the lifespan. Comprehensive health management, including a holistic client approach, health promotion, disease prevention, and evidence-based decisions, is emphasized in this

practicum.

*Co-requisite of NUR 611 & 622S is required.*

*Credits: 6*

*Every Fall*

### **NUR 622S Diagnosis & Management I Seminar**

The NUR 622 seminar is taken concurrently with the clinical practicum. The seminar provides a forum for students to discuss their clinical experiences and present case presentations under the supervision of the seminar professor. The students will also have the opportunity to participate in skills development such as electrocardiogram interpretation, chest x-ray interpretation, abdominal x-ray interpretation, pulmonary function testing and interpretation, hearing testing and interpretation, and minor suturing. Students will receive one clinical practicum hour towards their total practicum hours for each seminar class they fully participate in.

*Co-requisite of NUR 622 is required.*

*Credits: 0*

*Every Fall*

### **NUR 623 FNP Practicum II**

This is the second clinical course (270 hours) of the diagnosis and management sequence. The preceptored clinical experience takes place in a primary care setting and provides the opportunity for the family nurse practitioner candidate to practice skills and develop essential competencies in diagnosing and managing common diseases and conditions of infants and children. Emphasis is placed on refining technical skills in evaluating growth and development and the physical examination of infants and children.

*Co-requisite of NUR 612 & 623S is required.*

*Credits: 6*

*Every Spring*

### **NUR 623S Diagnosis and Management II Seminar**

The NUR 623 seminar is taken concurrently with the clinical practicum. The seminar provides a forum for students to discuss their clinical experiences and present case presentations under the supervision of the seminar professor. The students will also have the opportunity to participate in skills development such as PAP examination and interpretation and developmental milestones in children. Students will receive one clinical practicum hour towards their total practicum hours for each seminar class they fully participate in.

*Credits: 0*

*Every Spring*

### **NUR 632 Clinical Nurse Specialist Practicum**

This practicum is to be taken concurrently with the CNS Theory Course (NUR610). The preceptored practicum experience (205 hrs) will provide the opportunity for the Clinical Nurse Specialist student to practice skills and develop competency in a selected clinical specialty of their choice. The traditional and emerging role of the CNS and

selected functions, namely change agent/leader, consultant/collaborator, educator, direct care provider and researcher will be developed.

*Co-requisite of NUR 610 & 632S is required.*

*Credits: 4.50*

*Every Fall*

### **NUR 632S Clinical Nurse Specialist Seminar**

The seminar offers discussion between students and faculty members. The discussion is focused upon weekly clinical experiences with a focus on developing professional attributes and competencies inherent in the CNS role. The discussions should enable the students to gain additional information, insights and approaches to problem solving.

*Co-requisite of NUR 632 is required.*

*Credits: 0*

*Every Fall*

### **NUR 633 Clinical Nurse Specialist Practicum**

The preceptored practicum experience will provide the opportunity for the Clinical Nurse Specialist student to obtain an additional 205 hours to practice skills and to further develop competency in their selected clinical specialty of their choosing.

The traditional and emerging role of the CNS and selected functions, namely, change agent/leader, consultant/collaborator, educator, direct care provider and researcher will be further developed.

*Co-requisite of NUR 633S is required.*

*Credits: 4.50*

*Every Spring*

### **NUR 633S Clinical Nurse Specialist Seminar**

The seminar provides an opportunity to dialogue with faculty members and other students. The discussion is based upon weekly clinical experiences with a focus on further developing professional attributes and competencies inherent in the CNS role. The seminar will enable students to gain additional information, insights and approaches to problem solving.

*Co-requisite of NUR 633 is required.*

*Credits: 0*

*Every Spring*

### **NUR 644 Curriculum Development in Nursing**

This course includes a study of the principles and processes of curriculum development for educational programs in nursing. The student will learn the roles and responsibilities of educators in developing curricula for various educational programs. The forces and issues that influence curriculum development will be explored. Critical thinking will be discussed as a guiding principle in curriculum development.

*Credits: 3*

*Every Spring*

### **NUR 646 Technology for Nursing Education**

This course prepares students to incorporate technology into teaching and decision-making. Students will acquire hands-on skills in a variety of applications and techniques. Students will come to

understand and learn these techniques within the context of sound pedagogical practice.

*Credits: 3*

*Every Summer*

### **NUR 648 Teaching Strategies for Educators**

This course focuses on teaching and learning strategies. The role of the nurse educator utilizing various teaching strategies both in academia and in a variety of practice settings will be explored and analyzed.

*Credits: 3*

*Every Fall*

### **NUR 650 Assessment and Evaluation in Nursing**

This course focuses on assessment strategies and evaluation processes that are relevant to nursing programs in academe and in the practice setting. The student will learn how to plan for, construct and analyze classroom tests, and how to assess clinical performance in various learning environments. Strategies to assess learning and evaluate program outcomes will be explored.

*Credits: 4*

*Every Fall*

### **NUR 652 Teaching Practicum I**

This practicum pairs the student with a selected preceptor and provides the student with 180 hours of teaching/learning experience. The student applies various teaching and evaluation methods in the staff education setting.

*Prerequisites of NUR 644, 646, 648, 650 and Co-requisite of NUR 652S are required.*

*Credits: 4*

*Every Spring*

### **NUR 652S Teaching Practicum I Seminar**

The seminar offers dialogue between students and faculty members in a blended online format. The discussion focuses on weekly clinical experiences with an emphasis on professional attributes and competencies inherent in the educator role. The discussions will enable the students to refine their approaches to teaching as they become competent educators.

*Co-requisite of NUR 652 is required.*

*Credits: 0*

*Every Spring*

### **NUR 654 Teaching Practicum II**

This practicum pairs the student with a selected preceptor and provides the student with 180 hours of teaching/learning experience. The student applies various teaching and evaluation methods in the academic setting.

*Prerequisites of NUR 644, 646, 648, and 650 with co-requisite of NUR 654S required.*

*Credits: 4*

*Every Fall*

### **NUR 654S Teaching Seminar II**

The seminar offers dialogue between students and faculty members in a blended online format. The discussion focuses on weekly clinical experiences

with an emphasis on professional attributes and competencies inherent in the educator role. The discussions will enable the students to refine their approaches to teaching as they become competent educators.

*Co-requisite of NUR 654 is required.*

*Credits: 0*

*Every Fall*

#### **NUR 700P Research Proposal Advisement**

Faculty advisement for completion of the research proposal is required and may extend beyond the academic semester if the proposal is not completed in time. If additional proposal advisement is necessary, students must register for NUR 700P. The fee for NUR 700P is equivalent to one credit per semester.

*Credits: 0*

*On Demand*

#### **NUR 702 Nursing Research II**

This course provides the student with the opportunity to write a research proposal based on the research question that was identified in Nursing Research I. Particular emphasis will be placed on the quality and feasibility of the research design. Research proposal advisement will be provided for completion of the research proposal.

*Prerequisite of NUR 602 is required.*

*Credits: 3*

*Every Spring*

## DEPARTMENT OF NUTRITION

Phone: 516-299-2762

Fax: 516-299-3106

Email: [nutrition@cwpost.liu.edu](mailto:nutrition@cwpost.liu.edu)

Chair: Dr. Jerrilynn Burrowes

Associate Professors: Burrowes, Gizis, Shorter

Assistant Professor: Isoldi

Program Director, Didactic Program in Dietetics:  
Shorter

Program Director, Dietetic Internship: Sarcona  
Adjunct Faculty: 18

Good health and nutrition are essential to an individual's quality of life. In fact, the importance of healthy eating, dietary planning and disease prevention are issues that most people talk about on a daily basis. To meet the demand for qualified nutritionists and registered dietitians, the Department of Nutrition offers a full range of undergraduate and graduate degree programs in nutrition, including an accredited Dietetic Internship (DI) leading to eligibility to the Academy of Nutrition and Dietetics of American Dietetic examination to become a Registered Dietitian (RD). The DI is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). Rigorous academic programs are supplemented with extensive clinical experience that links theory and practice.

The Master of Science in Nutrition prepares students to assume leadership positions in the nutrition profession. The program is designed to enhance professional qualifications as a food and nutrition specialist. Challenging courses for the advanced study of nutrition with specializations in Clinical Nutrition, Nutrition and Exercise Physiology, Nutrition in Geriatrics and Eating Disorders are provided. The student chooses one of these concentrations to complement a core curriculum of nutrition science, research methods, biomedical statistics as well as communications, education and counseling skills. A choice of challenging electives enables students to pursue individual interests. Students also complete a thesis as a culminating experience of the degree.

Graduates of our programs are skilled nutritionists and registered dietitians who work in a wide range of settings, including hospitals, extended care facilities, community health programs and public health agencies. In addition, exciting career opportunities exist in areas such as: advertising; food service, including manufacturing and distribution, restaurants and catering; pharmaceutical companies; sports programs; higher education in colleges and universities, teaching hospitals and medical schools; corporate; community and public health and wellness consultation.

## M.S. in Nutrition

The Master of Science in Nutrition prepares students to assume leadership positions in the nutrition field. The program is designed to enhance professional qualifications as a food and nutrition specialist. Challenging courses for the advanced study of nutrition with specializations in Clinical Nutrition, Nutrition and Exercise Physiology, Nutrition in Geriatrics and Eating Disorders are provided. The student chooses one of these concentrations to complement a core curriculum of nutrition science, research methods, biomedical statistics as well as communications, education and counseling skills. A choice of challenging electives enables students to pursue individual interests. Students also complete a thesis as a culminating experience of the degree.

The program is 36 credits. For those who wish to become Registered Dietitians, the Department offers a 42-credit option, which includes 6 credits of supervised practice in the Dietetic Internship program.

### ADMISSION REQUIREMENTS

Applicants to the Master of Science in Nutrition must meet the following requirements for admission.

- LIU Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any accredited college(s) or universities you have attended. Applicant must have a minimum G.P.A. of 2.75 in major courses.
- Applicants for admission must have completed the following courses at the undergraduate level: one (1) year of biology (to include Anatomy and Physiology) and four (4) semesters or a total of 16 credits in chemistry (to include General/Inorganic, Organic and Biochemistry). In addition, students who have not completed an undergraduate major in nutrition must complete the following undergraduate courses or the equivalent as prerequisites to the M.S. program:  
NTR 100 Concepts in Nutrition  
NTR 101 Contemporary Nutrition Strategies  
NTR 211 Medical Nutrition Therapy I  
NTR 212 Medical Nutrition Therapy II
- Students who meet the standards for admission (including a 2.75 grade point average (G.P.A.) in their major) may be matriculated upon admission to the program. Other students, after fulfilling admission and undergraduate requirements and completing 12 graduate credits with an average of "B" or better, may apply through the academic advisor to the Graduate Admissions Office for matriculation status. No more than 12 graduate credits may be taken by limited matriculated students.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to

complete a graduate program.

- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study

Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

Fax: 516-299-2137

E-mail: [enroll@cwpost.liu.edu](mailto:enroll@cwpost.liu.edu)

### Core Nutrition Requirements (6 courses - 18 credits)

#### Nutrition Required Courses (3 courses - 9 credits)

NTR	540	Biomedical Statistics	3.00
NTR	609	Advanced Nutrition I	3.00
NTR	610	Advanced Nutrition II	3.00

#### One of the following: (1 course - 3 credits)

NTR	606	Communication and Education Skills in Nutrition	3.00
NTR	626	Advanced Nutrition Counseling	3.00

#### One of the following: (1 course - 3 credits)

NTR	703	Research Methods	3.00
NTR	707	Preparation of Thesis Proposal	3.00

#### One of the following: (1 course - 3 credits)

NTR	704	Clinical Research Thesis	3.00
NTR	706	Research Project	3.00
NTR	708	Experimental Research Thesis	3.00

### Selection of one of the following Concentrations (9 credits):

1. Clinical Nutrition
2. Eating Disorders
3. Geriatric Nutrition
4. Nutrition & Exercise Physiology

### Electives (9 credits)

36 Credits is required for the M.S. in Nutrition Degree

### Clinical Nutrition Requirements (9 credits)

#### Clinical Nutrition Required Courses

NTR	602	Nutrition Assessment	3.00
NTR	603	Diabetes Management	3.00
NTR	604	Nutrition In The Life Cycle	3.00
NTR	607	Clinical Nutrition	3.00

NTR	611	Concepts For Nutrition Practice	1.00
NTR	612	Enteral & Parenteral Nutrition	3.00
NTR	615	Dietetic Internship Clinical Seminar I	1.00
NTR	616	Dietetic Internship Clinical Seminar II	3.00
NTR	625	Renal Nutrition	3.00
NTR	705	Selected Topics in Nutrition	1.00
NTR	705S	Selected Topics in Nutrition	1.00

**Eating Disorders Requirements (9 credits)**

**Eating Disorders Required Courses**

NTR	608	Field Experience in Nutrition	3.00
NTR	620	Eating Disorders I	3.00
NTR	621	Eating Disorders II	3.00

**Geriatric Nutrition Requirements (9 credits)**

**Geriatric Nutrition Required Courses**

HAD	710	Gerontology: Processes of Aging	3.00
NTR	605	Nutrition In Geriatrics	3.00
<b>One of the following:</b>			
HAD	711	Long-Term Care Administration	3.00
HAD	712	The Management of Senior Community Programs	3.00

**Elective Nutrition and Biomedical Sciences Courses**

**Nutrition & Exercise Physiology Requirements (9 credits)**

**Nutrition & Exercise Physiology Required Courses**

NTR	617	Weight Control	3.00
NTR	618	Advanced Energy & Exercise	3.00
NTR	619	Sports Nutrition and Exercise Physiology	3.00

**Elective Requirements (9 credits)**

**Elective Nutrition and Biomedical Sciences Courses**

BMS	513	Biochemistry	3.00
BMS	520	Pathophysiology I	3.00
BMS	612	Pathophysiology II	3.00
NTR	503	Recent Trends In Nutrition	3.00
NTR	541	Computer Applications in Health Sciences	3.00

NTR	602	Nutrition Assessment	3.00
NTR	603	Diabetes Management	3.00
NTR	604	Nutrition In The Life Cycle	3.00
NTR	605	Nutrition In Geriatrics	3.00
NTR	606	Communication and Education Skills in Nutrition	3.00
NTR	607	Clinical Nutrition	3.00
NTR	608	Field Experience in Nutrition	3.00
NTR	611	Concepts For Nutrition Practice	1.00
NTR	612	Enteral & Parenteral Nutrition	3.00
NTR	615	Dietetic Internship Clinical Seminar I	1.00
NTR	616	Dietetic Internship Clinical Seminar II	3.00
NTR	617	Weight Control	3.00
NTR	618	Advanced Energy & Exercise	3.00
NTR	619	Sports Nutrition and Exercise Physiology	3.00
NTR	620	Eating Disorders I	3.00
NTR	621	Eating Disorders II	3.00
NTR	625	Renal Nutrition	3.00
NTR	626	Advanced Nutrition Counseling	3.00
NTR	700	Special Problems in Nutrition	1.00
NTR	705	Selected Topics in Nutrition	1.00

**M.S. in Nutrition G.P.A. Requirement**

The minimum Graduate G.P.A. is 3.00

**Dietetic Internship**

The Dietetic Internship (DI) is a graduate-level advanced certificate program that prepares students to sit for the Registered Dietitian exam. Through coursework and supervised clinical experiences, students are equipped with the skills and knowledge to serve communities through the promotion of optimal nutrition, health and well-being. The need for dietetics practitioners is expected to increase as the health care community places a greater emphasis on the benefits of healthy eating, disease prevention and medical nutrition therapy.

The Dietetic Internship offers a Medical Nutrition Therapy and Health & Wellness emphasis which comprises 14 credits: 6 graduate credits in the supervised practice and 8 graduate

credits in classroom coursework for a total of 1200 hours. The DI is affiliated with more than 80 facilities in Long Island and Queens and includes a variety of experiences to give the intern a broad view of the field of dietetics. Sites include hospitals, community centers, long-term care facilities, ambulatory care units and food service organizations. Each intern will experience eight rotations that are tailored to individual preferences and past experiences. Graduate coursework that complement the supervised practice is also part of the program.

Students wishing to apply to the Dietetic Internship must have a baccalaureate degree from a Didactic Program in Dietetics (DPD) that has been accredited by the ACEND Academy of Nutrition and Dietetics. Students with a degree in another discipline must satisfy the requirements of a DPD prior to application to the Dietetic Internship.

Students may choose to complete only the Advanced Certificate program and are not required to complete the M.S. degree in Nutrition.

The program is accredited by the ACEND Academy of Nutrition and Dietetics. Upon successful completion of the Dietetic Internship, a Certificate of Advanced Studies is awarded, and students are eligible to sit for the registration examination to become a Registered Dietitian. Upon passing the Registration Examination for Dietitians, a student will become a Registered Dietitian (R.D.).

**ADMISSION REQUIREMENTS**

Twenty students will be accepted to each Dietetic Internship (DI) class for the Fall semester only.

- Application deadline for Fall entry: February 15
- Dietetic Internship Application from the Dietetic Internship Centralized Application System (DICAS) is available at <https://portal.dicas.org> Application will be available after December 8 for the February deadline. There will be a \$40 fee for the first application and \$20 for each additional dietetic internship application. Submit all required documents to (DICAS). The following will be included as part of the DICAS application process:
  - Official copies of your undergraduate and/or graduate transcripts for proof of baccalaureate or master's degree and Didactic Program in Dietetics (DPD) requirements. Student must have maintained a minimum G.P.A. of 3.0 in major courses (food and nutrition).
  - Three letters of recommendation (preferably two from student's undergraduate nutrition program, and one from a work employer).
  - One copy of the Declaration of Intent to complete the degree and minimal Academic Requirements or one copy of the Didactic Program in Dietetics Verification Statement.
  - Personal Statement that addresses the reason

you are interested in pursuing the DI.

- Applicants must complete the computer matching process with D & D Digital online at [www.dnddigital.com](http://www.dnddigital.com) for a \$50 fee.

Prospective students will also be required to fulfill the following admissions criteria:

- LIU Application for Graduate Admissions.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**DIETETIC INTERNSHIP ACADEMIC CALENDAR**

The Dietetic Internship (DI) of the LIU Post offers an emphasis in **Medical Nutrition Therapy (MNT)** and **Health and Wellness (H & W)**. The DI includes graduate coursework and supervised practice experiences that are completed in two academic semesters.

Dietetic Internship Certificate of Advanced Studies (14 credits)

Course	Title	Credits
NTR 611	Concepts for Nutrition Practice (Fall)	1.0
NTR 613	DI Clinical I (Fall) – Supervised Practice	3.0
NTR 614	DI Clinical II (Spring) – Supervised Practice	3.0
NTR 615	DI Clinical Seminar I (Fall)	1.0
NTR 616	DI Clinical Seminar II (Spring)	3.0
NTR 626	Advanced Counseling Skills (Fall)	3.0

At the beginning of the fall semester interns attend an orientation to the program for a review of the policies and procedures and receive the *DI Manual*. In addition to the orientation, the interns take an intense, one-credit course, NTR 611, *Concepts for Nutrition Practice* prior to the supervised practice experience. The interns also take NTR 626, *Advanced Counseling Skills* in the fall semester. The supervised practice experience is in addition to the graduate coursework and totals 1152 hours (32 hours per week for 36 weeks); 50 hours of simulated activities in the nutrition care process, nutrition support, and research are done in NTR 615 and 616, *DI Seminar I and II*. Rotations for each concentration are as follows:

Emphasis:

MEDICAL NUTRITION THERAPY

**Medical Nutrition Therapy**

- Clinical/Hospital (12 weeks)
- Renal (2 weeks)
- Long Term Care (5 weeks)
- Counseling & Education (2 weeks)

**Food Service Systems Management**

- School Food Service (3 weeks)
- Institutional Food Service (4 weeks)

**Community**

- Community Agency (6 weeks)

**Research**

- Research (2 weeks)

Sixteen interns participate in the **MNT emphasis**. The main strength in the MNT concentration is the varied experiences; each student rotates in a hospital, long-term care facility, renal dialysis unit and an outpatient setting. These sites allow the interns to have learning activities related to many conditions, but in a different situation. They are also able to collaborate with various of preceptors and other health professionals, and gain knowledge on a variety of ways to conduct medical nutrition therapy with an extensive array of patients from different age groups, cultures and with varied conditions. An extensive assignment for interns in this emphasis includes completing the Nutrition Care Process (NCP) and then evaluating the interventions with evidence-based guidelines using the *Nutrition Care Manual* and the *Evidence Analysis Library*. A culminating experience for this emphasis is completing a written and oral case study, along with summarizing the skills (i.e., clinical, efficiency, negotiation and assertiveness) attained during the hospital rotation.

Incoming interns request the **H & W emphasis** and four are chosen based on a good foundation of oral communication and potential for leadership,

Emphasis:

HEALTH and WELLNESS

**Medical Nutrition Therapy**

- Clinical/Hospital (11 weeks)
- Renal (2 weeks)
- Long Term Care (5 weeks)

**Food Service Systems Management**

- School Food Service\* – (part of campus rotation)
- Institutional Food Service (4 weeks)

**Health and Wellness**

- Campus Nutrition (12 weeks); Counseling and Education (4 weeks); Community (5 weeks); School Food Service – \*Campus Dining (3 weeks)

**Research**

- Research (2 weeks)

organizational skills, and the ability to be a self-starter. The interns who are part of the campus rotation learn to work as a team as well as individually. Interns in the Health and Wellness area will have extensive practice in counseling; they will be able to follow their clients weekly as needed, until the semester is complete; therefore, they can see the NCP all the way through and evaluate real outcomes and they are required to complete an outcomes assessment report. The intern will evaluate their own counseling skills and their peers' counseling, and meet with the RD advisor for discussion about facilitation of behavior changes with clients. Interns in this area will also conduct numerous presentations to groups on campus. In this concentration, the culmination will require the interns to put their outcomes data and achievements together into a streamlined presentation.

**Supervised Practice Rotations:**

**Clinical/Hospital Rotation** (384 hours, MNT Emphasis; 352 hours, H & W Emphasis): As an introduction to clinical care, the intern will learn about the role of a registered dietitian in a hospital and/or medical center. Emphasis will be placed on various medical conditions but not limited to cardiology, diabetes, gastroenterology and oncology, surgery, and nutrition support/critical care. The intern will be able to complete the nutrition care process, including appropriate chart documentation and implementation of nutrition intervention in an acute care setting.

**Renal Rotation** (64 hours): This experience will be a continuation of medical nutrition therapy in the specialized setting of a dialysis unit in an outpatient setting. Emphasis will be on nutrition care of clients diagnosed with end-stage renal disease. The intern will be able to complete the nutrition care process, including appropriate chart documentation and implementation of nutrition intervention for dialysis patients.

**Long-Term Care Rotation** (160 hours): This placement will provide the intern with exposure to the role of the dietitian in a long-term care skilled nursing facility highlighting the special needs of institutionalized individuals. The intern will be able to complete the nutrition care process, including appropriate chart documentation and implementation of nutrition intervention in sub-acute care, rehabilitation, day care and long-term care. The intern will distinguish the roles of each health care member and participate in interdisciplinary team meetings.

**Food Service Rotations** (224 hours): This experience will provide the intern with exposure to all aspects of the food service operation including daily procedures as well as the managerial functions of the Food Service Director in a hospital or long-term care setting (institutional food service) and school food service (school setting). The interns will operate in all areas of foodservice that includes menu planning, ordering, receiving, storage, delivery, production and management of providing foodservice for the

clientele.

**Community Rotation** (192 hours MNT Emphasis; 160 H & W Emphasis): In this rotation, the intern will be exposed to the role of the dietitian in the community setting with various populations and diverse cultures. Emphasis will be on nutrition education and communication skills. Interns will be able to recognize the nutritional needs of the population being served and be able to construct appropriate educational presentations and written materials to inform the target audience about nutrition. Some community sites include: WIC, senior centers, food banks, group homes for disabled adults, and cooperative extensions. Sites for the Health and Wellness emphasis: LIU Post Department of Health Services and the Department of Athletics.

**Counseling and Education Rotation** (64 hours, MNT Emphasis; 128 hours, H & W Emphasis): This experience will provide the intern with exposure to the role of the dietitian in an outpatient setting. Emphasis will be on nutrition counseling and education of individuals and groups. Interns will be able to practice counseling skills with diverse clients/patients and produce educational materials appropriate for the target audience. Some examples of settings for the Medical Nutrition Therapy emphasis include centers for diabetes, cardiac rehabilitation, private practices, and pediatrics. The site for the Health and Wellness emphasis: LIU Post Department of Health Services and the Department of Athletics.

**Research Rotation** (64 hours): In this experience the interns will conduct a survey at LIU Post related to food, nutrition and health of the LIU Post college students. The interns will work in groups to complete the research process. The rotation culminates with the groups completing a written report for publication and developing a poster session.

## Advanced Certificate in Dietetic

### Internship

#### Dietetic internship Requirements

##### Required Courses (14 credits)

NTR	611	Concepts For Nutrition Practice	1.00
NTR	613	Dietetic Internship Clinical Experience	3.00
NTR	614	Dietetic Internship Clinical Experience	3.00
NTR	615	Dietetic Internship Clinical Seminar I	1.00
NTR	616	Dietetic Internship Clinical Seminar II	3.00
NTR	626	Advanced Counseling Skills	3.00

#### Advanced Certificate Dietetic Internship

The minimum required G.P.A. is 3.00

## Nutrition Courses

### NTR 501 Principles of Nutritional Science

This course examines the basic principles of nutrition, including a detailed look at the micro and macro nutrients and their application to daily living. For students with no previous nutrition course work. Not applicable to the M.S. degree in Nutrition.

*Credits: 3*

*On Occasion*

### NTR 503 Recent Trends In Nutrition

Explores current concepts in nutrition, in particular the relationship of food and health. The role of nutrients is discussed with reference to current research issues. Focus is on developing skills necessary to make healthful food choices and to evaluate current research for validity and clinical application. Pre-requisite of NTR 501 or equivalent is required.

*Credits: 3*

*On Occasion*

### NTR 540 Biomedical Statistics

Fundamentals of statistics as applied to medical and biological sciences. Measures of central tendency and variability; theory of sampling; theory of estimation; sample frequency functions; confidence limits; null hypothesis; linear regression and correlation; chi-square test; F-test and analysis of variance; elements of sequential analysis; statistical techniques adapted to laboratory quality control; design of experiments.

*Credits: 3*

*Every Spring*

### NTR 541 Computer Applications in Health Sciences

Introduction to the use of computers in the various fields of health sciences. Review of statistical applications for data analysis is also included. Term project. This course is cross-listed as BMS 541 Computer Applications in Health Sciences.

*Credits: 3*

*On Occasion*

### NTR 602 Nutrition Assessment

This course is grounded in the nutrition care process with emphasis on the components of nutritional assessment. Dietary assessment methods including 24-hour recall, food records, food frequency questionnaires, and diet history are critiqued. Other methods germane to evaluating nutritional status are examined including clinical assessment (medical history and physical examination), anthropometric and body composition assessment, and biochemical assessment (laboratory values). Nutritional assessment methods are applied to evaluating nutritional status in both individual and population-based assessment.

*Prerequisite of NTR 212 or its equivalents are required.*

*Credits: 3*

*On Occasion*

### NTR 603 Diabetes Management

The pathophysiology, complications and treatment modalities of Type 1, Type 2 and gestational diabetes are explored in this course. In addition, effective methods to educate individuals with diabetes are discussed.

*Prerequisite of NTR 212 or its equivalents are required.*

*Credits: 3*

*Alternate Years*

### NTR 604 Nutrition In The Life Cycle

Changes in nutrition requirements during the human life cycle are examined, particularly as related to growth, development and aging. Psychosocial aspects of food intake are included. Current understanding of special needs, developmental characteristics and risks or issues common to various age groups are examined.

*Prerequisite of NTR 211 or its equivalents are required.*

*Credits: 3*

*Alternate Years*

### NTR 605 Nutrition In Geriatrics

Physiological, psychological, environmental and sociological influences on nutrition among older persons. Emphasis on food intake and nutritional status of older persons in institutionalized and community settings. Geriatric field experience is required.

*Prerequisite of NTR 212 or its equivalents are required.*

*Credits: 3*

*Alternate Years*

### NTR 606 Communication and Education Skills in Nutrition

This course will provide the student with interpersonal skills essential for effective nutrition practice. Addresses notable theoretical frameworks for health/nutrition education programs. Program components including needs assessment, performance objectives, implementation strategies, and evaluation. Includes interventions specific to small group patient education.

*Prerequisite of NTR 211 or its equivalents are required.*

*Credits: 3*

*Alternate Spring*

### NTR 607 Clinical Nutrition

Examines the biochemical and medical background of a wide variety of clinical conditions with specific application to the theory of prevention, the nutritional treatment or management. The procedures followed for the nutritional assessment, planning, implementation and evaluation of the clients are presented.

*Prerequisite of NTR 212 or its equivalents are required.*

*Credits: 3*

*Alternate Years*

### NTR 608 Field Experience in Nutrition

On-site clinical experience (75 hours) to be arranged by faculty, considering particular interest of the student.

*Prerequisite of NTR 212 or its equivalents are required.*

*Credits: 3*

*Annually*

### NTR 609 Advanced Nutrition I

A study of macronutrients: carbohydrate, fat, and protein and the interrelationships of these nutrients in human metabolism. Review of recently published research will be included.

*Prerequisites of CHM 71 and NTR 100 or its equivalents are required.*

*Credits: 3*

*Every Fall*

### NTR 610 Advanced Nutrition II

A detailed discussion of the role of vitamins and minerals in human metabolism and health. A review of recently published research will be incorporated into the course.

*Prerequisites of CHM 71 and NTR 100 or its equivalents are required.*

*Credits: 3*

*Every Spring*

### NTR 611 Concepts For Nutrition Practice

A course to bridge theory and practice for the dietetic interns as they prepare for clinical practice. Included will be application experiences in medical terminology, charting principles, assessment parameters, and menu preparation. Oral communications and writing guidelines will be reviewed with an emphasis on the integration of computer technology to enhance presentation style. Only open to DI students.

*Co-requisites of NTR 613 & 614 are required.*

*Credits: 1*

*Every Fall*

### NTR 612 Enteral & Parenteral Nutrition

The specifics of enteral and parenteral nutrition for prevention and treatment of undernutrition. The theoretical components of nutrition support will provide a basis for the recommendation of appropriate feeding regimens for clients.

*Prerequisite of NTR 212 or its equivalents are required.*

*Credits: 3*

*Alternate Years*

### NTR 613 Dietetic Internship Clinical Experience

A 1200-hour supervised practical experience to include responsibilities in the areas of clinical nutrition, food service management and community nutrition. Acceptance into the DI program in nutrition is required.

*Prerequisite of acceptance into DI program in nutrition is required.*

*Credits: 3*



Every Fall

#### **NTR 614 Dietetic Internship Clinical Experience**

A 1200-hour supervised practical experience to include responsibilities in the areas of clinical nutrition, food service management and community nutrition. Acceptance into the DI program in nutrition is required.

*Prerequisite of acceptance into DI program in nutrition is required.*

*Credits: 3*

Every Spring

#### **NTR 615 Dietetic Internship Clinical Seminar I**

A seminar supplementing the clinical experience provided in NTR 613/614. Only open to DI students.

*Co-requisite of NTR 613 or 614 is required.*

*Credits: 1*

Every Fall

#### **NTR 616 Dietetic Internship Clinical Seminar II**

A seminar supplementing the clinical experience provided in NTR 613/614. Only open to DI students.

*Co-requisite of NTR 613 or 614 is required.*

*Credits: 3*

Every Spring

#### **NTR 617 Weight Control**

In-depth review of energy metabolism and the dimensions of obesity, including etiology, appetite regulation, and endocrine factors, various methods of treatment, including behavioral approaches, counseling, and exercise.

*Prerequisite of NTR 211 or its equivalents are required.*

*Credits: 3*

Annually

#### **NTR 618 Advanced Energy & Exercise**

This course will identify the physiological role of the macronutrients in exercise: aerobic and anaerobic; and the energy systems required for physical activity will be reviewed. Nutrition and exercise prescriptions for athletes will be discussed, as well as techniques needed to conduct body composition and fitness testing.

*Prerequisite of C or better in NTR 100 is required.*

*Credits: 3*

Annually

#### **NTR 619 Sports Nutrition and Exercise Physiology**

To develop a comprehensive understanding of the role nutrients play in athletic training, exercise/recovery and performance. This class is designed to integrate current scientific knowledge of nutrition and sports with the physiology of exercise/training. Examined components will emphasize micronutrients (vitamin/mineral) and water as related to wellness, physical fitness and sports performance. Students learn optimum nutrition requirements for various sports. Exploration of current peer reviewed research will

show sport specific improvement trends.

Additionally, performance influencing ergogenic aids and their individual efficiency and effectiveness will be addressed.

*Prerequisite of C or better in NTR 100 is required.*

*Credits: 3*

Annually

#### **NTR 620 Eating Disorders I**

This course is designed to provide students with a comprehensive overview of the epidemiology, pathophysiology, prevention and treatment of eating disorders. The integration of nutritional, medical and psychological treatments in outpatient, day treatment, and inpatient settings will be emphasized. Current research findings will be incorporated into course work throughout the semester.

*Credits: 3*

Alternate Years

#### **NTR 621 Eating Disorders II**

This course is designed to provide students with a didactic foundation in medical nutrition therapy, nutrition education, and nutrition counseling of patients with eating disorders. The role of the nutritionist in a multidisciplinary treatment team will be emphasized.

*Prerequisite of NTR 620 is required.*

*Credits: 3*

Alternate Years

#### **NTR 625 Renal Nutrition**

This course will review the basic anatomy, pathophysiology, and functions of the human kidney and the effects of kidney disease on nutrient metabolism. The nutrition assessment and management of various disease will be examined. Case studies will be incorporated into the course to strengthen clinical practical skills. Critical review of research articles in the format of a Journal Club will be instituted.

*Prerequisite of NTR 212 or its equivalents are required.*

*Credits: 3*

On Occasion

#### **NTR 626 Advanced Counseling Skills**

This course is designed to provide students with a conceptual basis for patient-centered nutrition counseling. Focus on developing non-verbal and verbal skills to understand nutrition-related problems from the patient's perspective and to engage the patient in problem-solving processes. Skill development progresses from paper and pencil exercises to simulated patient counseling sessions.

*Prerequisite of NTR 211 or its equivalents are required.*

*Credits: 3*

Every Fall

#### **NTR 700 Special Problems in Nutrition**

Research problem under the guidance of a member of the department faculty. Students may register only once for this course. One 1 or 2 credits, to be

determined with the approval of the Department Chair, the Graduate Committee, and mentor.

Open only to matriculated students. 1 or 2 credits

*Credits: 1 to 2*

*Cross-Listings: NTR 700, NTR 700*

*On Demand*

#### **NTR 703 Research Methods**

Provides the students with practical tools for the initiation and development of a research proposal. The scientific approach to problem solving, data collection and analysis.

*Prerequisite of NTR 540 is required.*

*Credits: 3*

Every Fall

#### **NTR 704 Clinical Research Thesis**

A clinical research project designed to develop and enhance research skills appropriate to the area of specialization chosen for the MS degree. The research data will be obtained from a health care facility, academic setting, business or industry, community program, or clinical research facility. The collected data will be analyzed and a thesis will be written and presented to the department. Open only to matriculated students with approval by the Department Chair, Graduate Committee, and Mentor.

*Prerequisite of NTR 703 is required.*

*Credits: 3*

Every Semester

#### **NTR 706 Research Project**

This course provides another option for successful completion of MS degree in Nutrition through the completion of a library research project in the specialty. Open only to matriculated students with approval by the Department Chair, Graduate Committee and Mentor.

*Prerequisite of NTR 703 is required.*

*Credits: 3*

Every Semester

#### **NTR 707 Preparation of Thesis Proposal**

Open only to matriculated students with approval of the department chairperson, Graduate Committee and mentor.

*Credits: 3*

Every Semester

#### **NTR 708 Experimental Research Thesis**

Open only to matriculated students with approval of the department chairperson, Graduate Committee and mentor.

*Prerequisite of NTR 703 is required.*

*Credits: 3*

Every Semester

## DEPARTMENT OF SOCIAL WORK

Phone: 516-299-3924

Fax: 516-299-3912

Chair: Dr. Ilene Nathanson

Professors: Nathanson

Associate Professors: Barretti, Giffords, Weiss

Assistant Professors: Calderon

Director of Field Education: Brodlied

Program Director, BSSW: Weiss

Adjunct Faculty: 14

The Department of Social Work offers a Master of Social Work (M.S.W.) accredited by the Council on Social Work Education. The M.S.W. program offers five concentrations: gerontology, non-profit management, child and family welfare, alcohol and substance abuse, and forensic social work. Classroom instruction and internship placements are led by faculty who are locally and nationally recognized for their scholarly contributions to social justice and improving the human condition. Field work in varied settings, including schools, homeless shelters, child and family counseling centers, charitable organizations, senior citizen facilities, and social service agencies enhances academic learning and allows the student to make a real impact on a multi-cultural society. Social work as a profession is an exciting growth area that offers professional flexibility and personal satisfaction.

### Master of Social Work

The 60-credit Master of Social Work (M.S.W.) offers degree candidates five different concentrations – gerontology, nonprofit management, alcohol and substance abuse, child and family welfare or forensic social work. The program is a collaboration between the University's LIU Brooklyn campus and its LIU Post campus (Brookville), and courses are available at both locations. It is accredited by the Council on Social Work Education (CSWE), signifying that it meets the highest standards of academic excellence.

The program is integrated to provide a step-wise progression in student understanding of generalist and specialized practice. The first-year curriculum includes content in the eight foundation areas of policy, practice, human behavior, field, diversity, populations at risk, and promotion of social justice and values. It introduces the student to the components of generalist practice with systems of all sizes and provides an understanding of generalist practice that distinguishes between generalist and advanced content while supporting the integration of specialized knowledge and technologies into a generalist perspective. It also introduces the student to the principles of interdisciplinary collaboration, preparing them for work in interdisciplinary fields of practice.

The second-year curriculum builds upon the first year by deepening the student's understanding and demonstrated mastery of psychosocial assessment, administrative theory and practice, and diversity sensitive practice. Students select a specific area of concentration – non-profit management, substance abuse, gerontology, child and family welfare or forensic social work – for more specialized education in a particular area of practice. The research curriculum in the second year supports the concentrated study by demonstrating application of research methodology to the student's specialized area of concentration. Field experience in the second year provides an opportunity for the student to apply generalist and specialized knowledge in the selected area of concentration. The curriculum is consistent with program goals insofar as the student receives a generalist background that includes a conception of generalist practice, an eclectic knowledge base and an understanding of the relationship of values, diversity, populations at risk and promotion of social justice to the social work professional role with systems of all sizes.

#### ADVANCED STANDING

Students who have successfully completed foundation coursework achieved under the auspices of an accredited baccalaureate program may be eligible for Advanced Standing status. This policy complies with the Council on Social Work Education's guidelines regarding advanced standing. Students are not expected to repeat coursework already covered in an accredited social work program; however, only those courses in which the student has received a "B" or better will be accepted for credit. Up to one full year of credit may be accepted.

#### MASTER OF SOCIAL WORK – CONCENTRATIONS

##### Gerontology Concentration

Students in the Gerontology concentration will show an intellectual mastery of and demonstrate the professional ability to competently respond to the physical, psychological, social and spiritual needs of older people and the major issues, concepts and theories related to late-age functioning. Students who choose this concentration may choose one of two tracks: direct client service through senior community service, or leadership in long-term care administration. The senior community service track incorporates both clinical and administrative content areas. Students in this track will learn to plan and to develop community services for older adults; perform intervention, develop treatment plans and understand and manage issues of death, bereavement and loss.

Those who take the long-term care administration track will gain an in-depth understanding of health care facility administration, health care financing, legal issues in health and personal management. The long-term care administration track meets most of the academic requirements for eligibility for the

Nursing Home Administrator's licensing examination in New York State.

As an added benefit, graduates of either Gerontology track may also qualify for a New York State Advanced Certificate by taking just one additional course, which is offered by LIU.

*\*The Gerontology and Nonprofit Management concentrations are offered in collaboration with the Master of Public Administration (M.P.A.) programs at the LIU Post and LIU Brooklyn, both of which are accredited by the National Association of Schools of Public Affairs and Administration (NASPAA).*

#### Nonprofit Management Concentration

The concentration in Nonprofit Management provides students with the knowledge, the values and the skills to work effectively and to administer programs in virtually any segment of the social service community – from child welfare to health and mental health – and in a variety of programs that address a broad range of social issues from hunger and homelessness to women at risk. Upon completion of the concentration in Nonprofit Management, graduates may also qualify for an Advanced Certificate in Non-profit Management by taking just one additional course, which is offered by M.P.A programs.

*\*The Gerontology and Nonprofit Management concentrations are offered in collaboration with the Master of Public Administration (M.P.A.) programs at the LIU Post and LIU Brooklyn, both of which are accredited by the National Association of Schools of Public Affairs and Administration (NASPAA).*

#### Alcohol and Substance Abuse Concentration

The Alcohol and Substance Abuse concentration incorporates various methods and systems of practice to prepare students to work with individuals, families, groups and the community at large. This concentration prepares graduates to work in settings ranging from school to community-based organizations and from mental health clinics to the criminal justice system.

Graduates of this program will have the knowledge, the skills and the values to deliver alcohol and substance abuse counseling and to perform assessment; clinical evaluation; treatment planning; case management; and client, family and community education. In addition, they will become completely familiar with their professional and ethical responsibilities as well as the documentation process.

The Alcohol and Substance Abuse concentration has been designed in conjunction with the New York State Department of Education's requirements for the Certificate in Alcohol and Substance Abuse Counseling (CASAC). Students can complete the requirements for CASAC by fulfilling additional internship hours after completing the M.S.W. degree.

#### Child and Family Welfare Concentration

The Child and Family Welfare concentration will provide educational curriculum to students interested in working in an interdisciplinary

context with children and their families. This concentration was developed with input from the Nassau County Department of Social Services, the Nassau County Coalition Against Domestic Violence, the Family and Children's Association and other community-based organizations' personnel. It incorporates the knowledge, values and skills that professionals need to effectively work with children and their families across a broad range of social issues and in multiple settings. After completing their first-year M.S.W. coursework, students will develop their understanding about policies and services specific to children and families, family violence across the lifespan, community-based practice with children and families, and childhood psychopathology.

**Forensic Social Work Concentration**

Forensic social workers perform a vital public service in guiding their clients through the daunting and ever-changing legal system. These professionals possess a firm grasp of the civil, criminal and juvenile justice systems, along with a profound understanding of how socioeconomic, cultural, religious, and other aspects of their clients' lives may impact access to legal services.

To meet a growing national interest in forensics (the application of physical science, mental health, technology and the legal system) and a growing recognition of the complex interplay between social, clinical, and legal services, the Department of Social Work offers a Forensics Social Work concentration within the 60-credit Master of Social Work (M.S.W.) program.

As a graduate of the Master of Social Work Program with the concentration in Forensic Social Work, you will be exceptionally prepared to apply the principles of social work to the legal system, including applicable local, state and federal laws; civil and criminal courts and the juvenile justice system; law enforcement agencies; and correctional facilities. Your clients may be children or adults, individuals or families, organizations or communities. Their legal difficulties may involve child custody and parental rights issues due to domestic violence and neglect and crimes relating to mental illness and substance abuse. They may face arrest and incarceration, be imprisoned or hospitalized, or be on probation or parole.

The Forensic Social Work concentration prepares you to serve all of these populations, by identifying societal issues and their impact on your clients; screening, assessing and counseling your clients; planning and implementing interventions; making client referrals; and otherwise serving as effective advocates for diverse and at-risk clients, who may range from individual children or adults to organizations or communities.

As an added benefit, graduates of the forensic social work track will qualify for a New York State advanced certificate in forensic social work, by taking one additional course which is offered by LIU. This advanced certificate is also offered to social work professionals who have already

earned either their LMSW or LCSW.

**ADMISSIONS CRITERIA**

The admissions criteria reflect the program's goals and objectives and support LIU's mission of Access and Excellence. The program seeks students from varied backgrounds who reflect the diversity of the populations its graduates will serve, including the suburban population of Nassau County and the multiethnic, urban population of Brooklyn and Queens, as well as the greater tri-state area. Through direct care or leadership roles in the field of social work, students who apply to this program should be interested in working with populations at risk, including the elderly; immigrants and refugees; the physically and mentally challenged; gay, lesbian, bisexual and transgender (GBLT) individuals and groups; the suburban and urban poor; and other populations that are economically at risk.

The program seeks applicants who have a broad liberal arts education consisting of the humanities; the social and behavioral sciences; the natural sciences including biology and courses reflective of a basic interest in human services.

**ADMISSION REQUIREMENTS**

- To be admitted to this program you must:
- Hold a baccalaureate of arts degree from a regionally accredited university or bachelor of science
  - Have a minimum overall grade-point average of 2.8 or better
  - Have a B average or better in courses taken during the final four semesters of undergraduate study
  - Submit a minimum of three Letters of Reference
  - Submit a personal narrative/autobiographical essay.
  - Resumé
  - Submit an undergraduate transcript from all colleges or universities previously attended
  - Possess the personal characteristics and qualifications essential for professional work with vulnerable individuals and with populations at risk
  - Submit an application to the Office of Admissions (visit the Office of Graduate Admissions at [www.liu.edu/cwpost/admissions](http://www.liu.edu/cwpost/admissions)).

**SUBMITTING AN APPLICATION FOR ADMISSION**

Students interested in the M.S.W. degree program may begin the application process by submitting an Admission Application to the LIU Post or LIU Brooklyn. Applications may be obtained by contacting the program administrators by contacting the program administrators (LIU POST: 516 299-3924 & LIU BROOKLYN: 718 488-1025) or online..

- LIU Post Online Application at [www.liu.edu/cwpost/onlineapp](http://www.liu.edu/cwpost/onlineapp)
  - LIU Brooklyn Online Application at <https://apply.liu.edu/new/UserLogin.aspx>
- Note:** For the required personal statement in the online application, make sure to follow the specific

guidelines for the essay by clicking on the appropriate link on the Admissions Criteria section of the site.

**M.S. in Social Work - Major Requirements**

**M.S. in Social Work Foundation Requirements**

**Required Social Work Foundation Courses (30 credits)**

SWK	601	History and Philosophy of Social Work, Social Welfare Polices and Services (Policy I)	3.00
SWK	602	History & Philosophy of Social Work & Social Welfare Policies and Services (Policy II)	3.00
SWK	611	Social Work Practice I: Working with Individuals	3.00
SWK	612	Social Work Practice II: Working with Families	3.00
SWK	613	Social Work Practice with Organizations and Communities	3.00
SWK	621	Human Behavior in the Social Environment I: Birth Through Adolescence	3.00
SWK	622	Human Behavior in the Social Environment II: Young Adulthood Through Late Adult hood	3.00
SWK	701	Field Instruction I: Foundation	3.00
SWK	702	Field Instruction II: Foundation	3.00
SWK	798	Introduction to Social Work Research	3.00

**Social Work Advanced Course Requirements**

**Required Social Work Advanced Courses (18 credits)**

SWK	623	Administrative Behavior	3.00
SWK	650	Psychopathology	3.00
SWK	703	Field Instruction III : Specialization	3.00
SWK	704	Field Instruction IV: Specialization	3.00
SWK	790	Capstone	3.00
SWK	799	Advanced Research Methods for Practice	3.00

**M.S. in Social Work - Major G.P.A. Minimum 3.00 Major G.P.A. Required**

STUDENTS SELECT 4 COURSES IN ONE AREA OF CONCENTRATION FROM THE FOLLOWING SPECIALTIES IN THEIR ADVANCED YEAR (12 credits):

**Gerontology - Long Term Care**

**Administration Concentration**

**Requirements**

**Required Long Term Care Administration Courses**

HAD	710	Gerontology: Processes of Aging	3.00
HAD	711	Long-Term Care Administration	3.00

**Pick two of the following Health Care Administration Courses**

HAD	602	Human Resource Administration in the Health Sector	3.00
HAD	603	Foundations of Budgeting and Finance in the Health Sector	3.00
HAD	709	Legal Aspects In Health	3.00

**Gerontology - Long Term Care Administration Concentration G.P.A.**

Minimum 3.00 Major G.P.A. Required

**Gerontology - Senior Community Services Concentration Requirements**

**Required Senior Community Services Courses**

HAD	710	Gerontology: Processes of Aging	3.00
HAD	726	Interdisciplinary Assessment	3.00

**Pick two of the following Senior Community Services Courses**

HAD	712	The Management of Senior Community Programs	3.00
HAD	729	Bereavement: Psychological, Cultural and Institutional Perspectives	3.00
HAD	728	Financial Estate and Retirement Planning	3.00

**Gerontology Senior Community Services Concentration G.P.A.**

Minimum 3.00 Major G.P.A. Required

**Nonprofit Management Concentration Requirements**

**Required Nonprofit Management Courses**

NPM	650	Introduction to Nonprofit Management	3.00
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**Pick three of the following Nonprofit Management Courses**

NPM	651	Fundraising and Development for Nonprofit Organizations	3.00
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NPM	652	Human Resource Management in Nonprofit Organizations	3.00
NPM	653	Financial Management in Nonprofit Organizations	3.00
NPM	654	Legal, Ethical and Governance Issues in Nonprofit Organizations	3.00

**Nonprofit Management Concentration G.P.A.**

Minimum 3.00 Major G.P.A. Required

**Alcohol & Substance Abuse Counseling Concentration Requirements**

**Required Alcohol & Substance Abuse Counseling Courses**

SWK	674	Theories & Principles of Alcohol & Substance Abuse Counseling	3.00
SWK	675	Introduction to the Techniques of Substance Abuse Counseling	3.00
SWK	677	Sociological & Psychological Aspects Of Substance Abuse	3.00
SWK	678	Physical & Pharmacological Effects Subs Abuse	3.00

**Alcohol & Substance Abuse Counseling Concentration G.P.A.**

Minimum 3.00 Major G.P.A. Required

**Child and Family Welfare Concentration Requirements**

**Required Child and Family Welfare Courses**

SWK	660	Families & Children:Policies & Services	3.00
SWK	661	Family Violence Across the Lifespan	3.00
SWK	662	Community Based Practice with Children & Families	3.00
SWK	663	Childhood Psychopathology	3.00

**Child and Family Welfare Concentration G.P.A.**

Minimum 3.00 Major G.P.A. Required

**Forensic Social Work Concentration Requirements**

**Required Forensic Social Work Courses**

SWK	630	Forensic Social Work & the Criminal and Juvenile Justice Systems	3.00
SWK	631	Interviewing, Evaluating, and Offering Treatment as a Forensic Social Worker	3.00

SWK	632	Forensic Social Work with Drug and Alcohol Populations in the Criminal and Juvenile Justice Systems	3.00
SWK	633	Forensic Social Work and Domestic Violence – Legal, Cultural, Ethnic and Religious Issues	3.00

**Forensic Social Work Concentration G.P.A.**

Minimum 3.00 Major G.P.A. Required

## Social Work Courses

### **SWK 601 History and Philosophy of Social Work, Social Welfare Policies and Services (Policy I)**

This introductory policy class provides information about the development of social work as a profession; historical and contemporary social welfare policies, services and institutions; and examines how economic, political, and organizational systems influence how services are created and provided. These themes are discussed within a context of social issues and connect social welfare policy and social work practice. Students will gain historical and contemporary knowledge of the various forms and mechanisms of oppression and discrimination and their relationship to social and economic justice for society in general and at-risk/special populations.

*Credits: 3*  
*Every Fall*

### **SWK 602 History & Philosophy of Social Work & Social Welfare (Policy II)**

History & Philosophy of Social Work & Social Welfare Provisions and a Framework for Policy Analysis (Policy II)

This course is the second class in the policy sequence. Students explore the modern welfare state from local, state, federal, and national perspectives and learn about those factors, which contribute to the existence of social problems. Students are introduced to a framework for policy analysis and related concepts such as the basis of social allocations, and the nature of social provisions. The course also provides students with the opportunity to develop a deeper understanding of the social work profession's role in advocacy and social action for policy change. Information about government benefits and programs including those that address income support, family and child welfare, disability, aging, substance abuse, and health care are also provided.

*Pre or co-requisites of SWK 601 & 621 are required.*

*Credits: 3*  
*Every Spring*

### **SWK 611 Social Work Practice I: Working with Individuals**

The first of three practice courses, this course provides a foundation for social work practice on micro and mezzo levels with diverse populations in a variety of settings. It provides an overview of the values, ethics and knowledge base upon which social work practice is based. The course provides a generalist problem solving approach to the understanding of social work practice with individuals and groups. Building upon the generalist model this course demonstrates the linkages between a generalist perspective and an integrated theoretical perspective for advanced practice with individuals and groups. The course includes historical content, person in-environment

and systems perspectives, communication and relationship-building exercises, a walk-through of a clinical interview and the stages of treatment, an integrated clinical approach to individual and group practice and an application of generalist and advanced practice skills with groups in specific settings.

*Prerequisites of SWK 601, 602, 621 & 622 are required.*

*Credits: 3*  
*Every Fall*

### **SWK 612 Social Work Practice II: Working with Families**

The second of three courses in the Practice Sequence, this course focuses on working with families and the individuals within the family through the life span. Developing an understanding of the interplay between the developmental issues of the individual and the life stages of the family as a unit, through the life span will be a primary focus of the course. Another primary focus of the course is an exploration of the work of various family theorists and their varied methods of intervention. Special emphasis will be placed on psychodynamic systems and cognitive/behavioral theories and techniques of intervention.

*Prerequisite or co-requisites of SWK 602, 611, 621, 701, & 798 are required.*

*Credits: 3*  
*Every Spring*

### **SWK 613 Social Work Practice with Organizations and Communities**

This course will provide a generalist perspective of the role of the social worker in the organization and the community. The course presents a generalist problem solving approach to the understanding of practice with organizations and communities and the application of knowledge and skills with these two systems. The course includes content on the contexts in which macro practice occurs, i.e. communities and neighborhoods, organizations, and the legislative arena; and, the components of coalition building within an interdisciplinary theoretical framework.

*Prerequisite or co-requisites of SWK 601, 602, 611, 621, 622, 701, & 798 are required.*

*Credits: 3*  
*Every Spring*

### **SWK 614 Advanced Principles of Administrative & Clinical Practice Within an Interdisciplinary Context.**

The course is designed to orient advanced standing students to advanced practice knowledge introduced in the first year of the two year MSW program to close a knowledge gap between advanced standing students and regularly matriculated students. As such, the course provides a theoretical orientation to the interdisciplinary context of social work practice; identifies the components of role conflict resolution; and, explores strategies for promoting interdisciplinary

collaboration. Building upon the generalist model, this course demonstrates the linkages between a generalist perspective and an integrated theoretical perspective for advanced clinical practice with individuals and groups. The course also explores commonalities and differences between a generalist perspective for working with families and more specialized approaches. Special emphasis is placed on psychodynamic systems and cognitive/behavioral theories and techniques of intervention with individuals, groups and families. [This course is required for Advanced Standing students.]

*Credits: 3*  
*Annually*

### **SWK 621 Human Behavior in the Social Environment I: Birth Through Adolescence**

This course, the first of two in this sequence focuses on understanding human behavior via assessing the interaction between developmental processes and environmental factors. The course covers biological, psychological, social and moral development and the acquisition of skills necessary to lead civil, moral, and fulfilling life. The course examines these developmental processes in the context of social structures such as the family, the school, the community and the culture. The course provides the theoretical and empirical support for several social work values and ethical standards. These values and standards include respect for the dignity and uniqueness of the individual, respect of a person's right to self-determination, and respect for spirituality and the religious beliefs of others.

*Credits: 3*  
*Every Fall*

### **SWK 622 Human Behavior in the Social Environment II: Young Adulthood Through Late Adulthood**

This course, the second of two in this sequence, focuses on understanding human behavior via assessing the interaction between developmental processes and environmental factors throughout adulthood and the latter part of life. The course covers biological, psychological, and social development, evaluating major theories such as psychosexual development, psychosocial development, learning theories and system theories. Developmental processes are examined in the context of social structures such as the family, the school, career choices, the community, and the culture. The course examines the interaction among theories of development and presents an integrated understanding of human behavior in the social environment. Each phase of life, from early adulthood to old-age, is carefully examined in light of the various developmental theories to provide a thorough understanding of the reciprocal relationship between individuals and their environment. In addition, the theoretical frameworks of the course are evaluated in terms of their applicability to social work practice and interventions that are geared towards assisting

clients of diverse background in making positive changes in their lives.

*Pre or co-requisites of SWK 601 & 621 are required.*

*Credits: 3*

*Every Spring*

**SWK 623 Administrative Behavior**

This course provides students with a conceptual framework for understanding human service organizations with a special emphasis on the social work field. It explores the role and function of the agency-based social work practitioner and manager through the study of organizational behavior and structure. Students also consider the function of human service organizations within the context of economic, political, social and technological factors and the ways in which these factors influence administration and service delivery. The course provides an overview of important management functions and tasks that are necessary to provide quality services to clients including how to manage information, finances, and people.

*Prerequisite of all SWK First Year courses and a co-requisite of SWK 703 are required.*

*Credits: 3*

*Every Fall*

**SWK 630 Forensic Social Work & the Criminal and Juvenile Justice Systems**

The course provides an overview of the specialty of forensic social work and its interface with the criminal justice system, from arrest to sentencing and conviction. Legal and ethical aspects of professional practice, including issues associated with competency of the accused as well as the preparation of the presentence forensic evaluation. The debate regarding punishment versus rehabilitation is explored along with a multi-systemic perspective on the causes and prevention of crime and juvenile misconduct. Their interface with sexual, religious, racial and other sub-group involvement will also be discussed and realized.

*Credits: 3*

*Every Fall*

**SWK 631 Interviewing, Evaluating, and Offering Treatment as a Forensic Social Worker**

The clinical overview leading to an accurate understanding of the underpinnings of the pathology which led to the involvement in the judicial system is a critical part to the successful practice of forensic social work. This course scrutinizes this vital component of the forensic social work process. The course also focuses on separating the various components associated with the forensic social work role, e.g. tasks and potential ethical conflicts. The principles of generalist and clinical practice are applied to the assessment and treatment of individuals charged with a range of criminal and juvenile offenses with special attention to the specific issues associated with sentencing, diagnosis, incarceration, and release. Macro tasks related to mediating the needs of individuals and

the purposes of institutions are also addressed.

*Credits: 3*

*Every Fall*

**SWK 632 Forensic Social Work with Drug and Alcohol Populations in the Criminal and Juvenile Justice Systems**

The course focuses on the role of the Forensic social worker in drug and alcohol related treatment and crime. Heroin, cocaine, marijuana, prescription drugs, "club drugs" (i.e. MDMA, etc.), and alcohol will be placed under a clinical microscope.

Different drugs are sought by different populations of people which generally lead to different types of criminal activity. The impact of drug and alcohol abusing offenders' behavior on their children will also be explored. The legal and ethical issues associated with the forensic social work population are explored. Attention is focused on the relationship and potential role conflicts between social work practice and 12 step self-help programs. The legal and ethical issues associated with the forensic social work population are explored. Attention is focused on the relationship and potential role conflicts between social work practice and 12 step self-help programs.

*Credits: 3*

*Every Spring*

**SWK 633 Forensic Social Work and Domestic Violence - Legal, Cultural, Ethnic and Religious Issues**

The course focuses on the role of the forensic social worker in understanding, assessing, preventing, and managing domestic violence. The cyclical nature of domestic violence and its association with alcohol and substance abuse is addressed with special attention to the needs of adult children of alcoholics who often perpetuate a pattern of violent behavior which leads to inter-generational involvement with criminal and juvenile justice systems. The course incorporates a multi-systemic perspective with an emphasis on assessing and treating the perpetrator, as well as the victims of domestic violence and also focuses on the forensic social worker's role in impacting the institutions associated with the efforts to reduce domestic violence.

*Credits: 3*

*Every Spring*

**SWK 650 Psychopathology**

This course provides a bio-psycho-social perspective to a range of Diagnostic and Statistical Manual, 4th Ed Text Revised (DSM-IV-TR) classified maladaptive behaviors that are exhibited by many social work clients. It provides an in-depth study of the etiology, course, prognosis, and resolution of major psychological and psychiatric conditions. The DSM-IV TR multiaxial system will serve as a backdrop and context in which these conditions will be presented and studied. The Competency Based Assessment Model, which follows a "process of reviewing and understanding an individual's past

in order to distinguish and interpret present concerns," (Zide & Grey 2001) is the theoretical and philosophical framework through which the course's information will flow. Student will become familiar with DSM-IV-TR diagnostic criteria and the empirical and epidemiological data that supports each diagnosis. The course will also look at the behaviors that are evaluated in the process of arriving at a differential diagnosis. The cultural context will play a major role in understanding these conditions.

*Prerequisite of all SWK First Year courses, SWK 623, 703, and 799 are required.*

*Credits: 3*

*Every Spring*

**SWK 660 Families & Children: Policies & Services**

This course enables students to build upon their knowledge of social welfare policy and services and apply this knowledge to the needs of children and their families. It presents students with knowledge of concepts, policies and practices, which characterize child welfare services in American society. It provides historical and legal information about various policies and programs within family and children's services at the federal, state and local levels and examines the multiple systems that influence the life of children and their families. In addition, it explores current trends, controversial and topical issues in child welfare and family services and the social worker's role in an interdisciplinary approach, and how to advocate for individuals and families.

*Credits: 3*

*Every Fall*

**SWK 661 Family Violence Across the Lifespan**

This course examines the problem and consequences of family violence across the lifespan and its impact on children. It presents theoretical, research, policy and practice issues involving interfamilial child abuse and neglect, intimate partner violence, child witnessing of intimate partner violence, and elder abuse. It explores individual and group level interventions, structural influences on family violence, and policy implications in the field of social work. In addition, the course will emphasize rights to safety and safety planning for populations at-risk within the context of social justice with an emphasis of how interdisciplinary approach can assist in the empowerment of survivors of abuse.

*Credits: 3*

*Every Fall*

**SWK 662 Community Based Practice with Children & Families**

This course provides students with the opportunity to hear community based practitioners present actual case studies based on a "case of the week" model. These cases provide students with the opportunity to review family and children type cases presented by local practitioners. Each case will

present a client profile, history, bio-psycho-social assessment and Questions/Discussion to precede the practitioner's discussion of the actual case outcome/current standing. Cases will come from a variety of organizations including some that focus on prevention, child abuse and maltreatment, foster care and adoption substance abuse, physical and emotional disabilities, health and mental health.

*Credits: 3*

*Every Spring*

#### **SWK 663 Childhood Psychopathology**

This course provides a bio-psycho-social developmental perspective on a range of childhood disorders as they are classified in the Diagnostic and Statistical Manual, 4th Ed Text Revised. (DSM-IV-TR). It provides an in-depth study of the etiology, course, prognosis, and resolution of major psychological and psychiatric conditions that are encountered by children with an emphasis on a family and system approach to the conceptualization and treatment of such conditions. The DSM-IV-TR multiaxial system will serve as a backdrop and context in which these conditions will be presented and studied. A developmental-systems (Mash and Barkley, 1996) approach will guide the theoretical and philosophical framework of this course as the students become familiar with DSM-IV-TR diagnostic criteria for childhood psychopathology and the empirical and epidemiological data that supports each diagnosis. The course will look at internalizing and externalizing disorders of childhood that social workers are likely to encounter in various settings of practice (e.g., schools, hospitals, community centers, adoption agencies, ACS and DSS agencies). The students will learn to consider issues such as adaptation, age appropriateness, clusters and patterns of symptoms and behaviors that are instrumental in the process of differential diagnosis. The cultural context will play a major role in understanding these conditions and the differential validity, to the extent to which it exists, in assessment and treatment of children.

*Credits: 3*

*Every Spring*

#### **SWK 674 Theories & Principles of Alcohol & Substance Abuse Counseling**

This course will introduce students to the basic theories and principles of alcoholism and substance abuse counseling, as well as techniques for motivating the chemically dependent client to engage in treatment. Emphasis will be placed on the theories of vocational counseling and the relationship between work, self-esteem, and recovery.

*Prerequisite of all SWK First Year courses are required.*

*Credits: 3*

*Every Fall*

#### **SWK 675 Introduction to the Techniques of Substance Abuse Counseling**

This course will provide students with a foundation in basic and advanced techniques of counseling the substance abuse population. Student will receive a comprehensive overview of chemical dependency treatment and explore various counselor intervention methods. The qualities and professional skills necessary for competent and effective practice will also be thoroughly examined. *Prerequisite of all SWK First Year courses are required.*

*Credits: 3*

*Every Fall*

#### **SWK 677 Sociological & Psychological Aspects Of Substance Abuse**

This course will offer students a comprehensive view of substance abuse from a historical perspective exploring what importance cultural and social views play (ed) in the treatment of such disorders. Students will utilize cultural attitudes, legal sanctions and normative values regarding substance use and will analyze what addiction is, and who is defined as an addict by various disciplines (i.e., medicine, sociology, psychology etc.) and systems (i.e., family, criminal justice, social service etc). Students will examine ethnicity and its role in substance abuse and counseling. Students should be prepared to think critically and engage in a dialogue regarding the complex bio-psycho-social issues that impact persons who are afflicted with the disease of addiction and how these complex issues impact treatment strategies.

*Prerequisite of SWK 674 & SWK 675 is required.*

*Credits: 3*

*Every Spring*

#### **SWK 678 Physical & Pharmacological Effects Subs Abuse**

This course will examine how the abuse of alcohol and other drugs affect the body with emphasis on the central nervous system, organ systems and general physical health. The physiological basis for the disease concept of addiction will be reviewed. Psychoactive drug categories will be explored in relation to the history of use, routes of administration and how the body processes licit and illicit substances. The effects of drugs and pharmacological interactions on metabolic processes and neuropsychological functioning will be discussed.

*Prerequisite of SWK 674 & SWK 675 is required.*

*Credits: 3*

*Every Spring*

#### **SWK 701 Field Instruction I: Foundation**

This is the first course in a four semester Field Instruction sequence in the Masters in Social Work program. The first two semesters of Field Instruction provide the Foundation and the second two semesters provide the Specialization. The Foundation prepares students 1) to function at a

beginning level of competence in a social service delivery system 2) to develop generalist problem-solving and relationship-building skills, 3) and to integrate and apply knowledge from Practice, Policy, HBSE and Research to work with clients. *Prerequisites of SWK 601, 602, 621 & 622 are required.*

*Credits: 3*

*Every Fall*

#### **SWK 702 Field Instruction II: Foundation**

This is the second course in a four semester Field Instruction sequence in the Masters in Social Work program and the final semester of Field Instruction in the Foundation year. Field Instruction II continues to prepare students 1) to function at a beginning level of competence in a social service delivery system 2) to develop generalist problem-solving and relationship-building skills, 3) and to integrate and apply knowledge from Practice, Policy, HBSE and Research to work with clients. *Prerequisite or co-requisites of SWK 601, 602, 611, 621, 622, 701, & 798 are required.*

*Credits: 3*

*Every Spring*

#### **SWK 703 Field Instruction III : Specialization**

This is the third course in a four semester Field Instruction sequence in the Masters in Social Work program. The first two semesters of Field Instruction provide the Foundation and the second two semesters provide the Specialization. The Specialization year prepares students 1) to gain expertise in gerontology, nonprofit management, substance and alcohol abuse or child and family welfare, 2) to function at an advanced level of competence in a social service delivery system, 3) to continue to practice problem-solving and relationship-building skills, 4) and to continue to integrate and apply knowledge from Practice, Policy, HBSE and Research to work with client systems.

*Prerequisite of all SWK First Year courses are required.*

*Credits: 3*

*Every Fall*

#### **SWK 704 Field Instruction IV: Specialization**

This is the fourth course in a four semester Field Instruction sequence in the Masters in Social Work program. The first two semesters of Field Instruction provide the Foundation and the second two semesters provide the Specialization. The Specialization year prepares students 1) to gain expertise in gerontology, nonprofit management or substance and alcohol abuse counseling or child and family welfare 2) to function at an advanced level of competence in a social service delivery system 3) to continue to practice problem-solving and relationship-building skills, 4) and to further develop and integrate and apply knowledge from Practice, Policy, HBSE and Research to work with client systems.

*Prerequisites of all SWK First Year courses, SWK*

623, & 703 are required.

*Credits: 3*

*Every Fall*

**SWK 790 Capstone**

This course, offered in the spring semester of the concentration year is intended to provide students with the academic framework within which they design and implement the capstone project. Students review their knowledge about role conflict within interdisciplinary setting that is related to their respective areas of concentration studies. Students then choose a topic related to the concentration area and design and carry out a research project that examines role conflict within an interdisciplinary context of social work. Finally, students design a solution to the role conflict that is embedded in interdisciplinary collaborative practice of social work. The course focuses on application of skills that have been taught in previous semesters to a particular area of concentration. Such skills include: Critical thinking, ethical practice, practice skills in systems of all sizes, research skills, communication skills, organizational skills and interdisciplinary collaboration.

*Prerequisite of all SWK First Year courses, SWK 623, 703, and 799 are required.*

*Credits: 3*

*Every Spring*

**SWK 798 Introduction to Social Work Research**

The selection of the appropriate research question is an important issue in social work research as far as diversity is concerned. In this course, students are taught to pay closer attention to the implications and hidden presumptions and assumptions of the issue or topic being researched. Students are taught that failure to question the question may still result in the acquisition of knowledge; however, the process of acquiring that knowledge may violate various social work values and principles without adding to effective practice. Moreover, the use of that knowledge may also violate a number of social work values and principles. This course aims to improve students understanding of the place research plays and has played in social work practice. Using the Code of Ethics as a foundation for all research ventures, students will be taught the basic concepts of research question formation, psychometrics and use of measurement instruments. The course will introduce key components of research including research design, data collection, appropriate communication of research findings, and its relevance to the evaluation of practice, programs, and policies.

*Prerequisites of SWK 601, 602, 621 & 622 are required.*

*Credits: 3*

*Every Fall*

**SWK 799 Advanced Research Methods for Practice**

This course advances the student's capacity to

evaluate practice and generate knowledge. Emphasis is placed on advanced qualitative and quantitative research design and data analysis. Students are encouraged to explore and use non-reactive research and secondary analysis techniques such as unobtrusive measures and content analysis when dealing with populations that may have special sensitivities to overt observation.

*Prerequisites of all SWK First Year courses (SWK 601, 602, 611, 612, 613, 621, 622, 701, 702, 798) are required.*

*Credits: 3*

*Every Fall*



**SCHOOL OF VISUAL AND PERFORMING ARTS**

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The School of Visual and Performing Arts offers the aspiring actor, singer, dancer, artist, media producer, graphic designer, art therapist, musician, filmmaker, journalist, photographer, game designer, teacher, arts manager or public relations professional the perfect blend of conservatory training and liberal arts education. Our faculty artist-mentors provide inspired instruction and guide students as they perfect their skills and discover their personal styles. Individual attention, state-of-the-art facilities and our proximity to New York City offer the optimal learning experience.

The School of Visual and Performing Arts provides access to dozens of venues to showcase student talent, including art galleries; film and photography studios; TV and radio stations; new media labs; exhibition halls; national and international tours; the Hillwood Art Museum; and Long Island's premier arts venue, Tilles Center for the Performing Arts. Internships at some of the world's top arts, entertainment, public relations and news organizations, and the opportunity to network with influential people in the industry, give our students a competitive advantage.

For information, please contact the Dean's Office at 516-299-2395, email [infosvpa@cwpost.liu.edu](mailto:infosvpa@cwpost.liu.edu), or visit the website at [www.liu.edu/post/svpa](http://www.liu.edu/post/svpa). Find us on Facebook at [www.facebook.com/svpaliupost](http://www.facebook.com/svpaliupost) and on Twitter at [www.twitter.com/svpaliupost](http://www.twitter.com/svpaliupost).

**Noel Zahler, D.M.A.**

Dean and Professor

School of Visual and Performing Arts

[noel.zahler@liu.edu](mailto:noel.zahler@liu.edu)**Moreen Mitchell, J.D.**

Assistant Dean

School of Visual and Performing Arts

[moreen.mitchell@liu.edu](mailto:moreen.mitchell@liu.edu)

**DEPARTMENT OF ART**

**Phone: 516-299-2464**

**Fax: 516-299-2858**

**Website: [www.liu.edu/post/art](http://www.liu.edu/post/art)**

Chair: Donna M. Tuman, Ed.D., Director, Art Education

Senior Professors: Powers, Kudder Sullivan

Professors: Harrison, Mills, Olt, Slaughter

Associate Professors: Aievoli, Conover, DelRosso, Kerr, Seung Lee, O'Daly, Tuman

Assistant Professors: Leyva-Gutierrez, Seung Yeon Lee, Rea, Wang

Adjunct Faculty: 27

The Art Department offers five graduate degrees: an M.F.A. in Fine Arts and Design, an M.A. in Art, an M.A. in Clinical Art Therapy, an M.A. in Interactive Multimedia Arts, and an M.S. in Art Education (birth to Grade 12). The graduate art program is conceived and structured to provide the student with a professional orientation to art.

The primary focus of the program is on studio art. The art faculty recognizes the creation of art as a profound and exciting experience and endeavors to reveal new avenues of expression and understanding of traditional and contemporary modes. In every phase of work, emphasis is placed on the originality and substance of artistic concepts, scholarly comprehension of problems, knowledge of materials and craftsmanship.

Studio classes are led by a distinguished faculty of practicing artists who work closely with you to develop your unique and full potential. Our comprehensive master's degree programs are designed for serious, talented students who desire a strong liberal arts background and the cultural advantages that only a private University can offer. Renowned visiting artists and art historians conduct lectures, critiques and seminars, and every student has access to numerous art studios, state-of-the-art imaging, student exhibition galleries, and the University's permanent collection and ongoing new exhibitions in the Hillwood Art Museum. You will take full advantage of LIU Post's proximity to New York City's wealth of creative resources.

**M.A. in Studio Art**

The 36-credit Master of Arts program is designed for visual artists who want to advance their skills in a stimulating and creative setting. The primary focus of the program is on studio art. You can select a major concentration in one of the following areas: **painting, drawing, printmaking, sculpture, ceramics, photography, computer graphics, graphic design or mixed media**. Each student's program of study is individually designed to meet his or her special needs through a private conference with the graduate art adviser.

The faculty, comprised of highly accomplished and award-winning artists, recognizes the creation of art as a profound and exciting experience. We

provide a congenial environment that encourages new avenues of expression and the understanding of traditional and contemporary modes for creating art. In every phase of work, emphasis will be placed on the originality and substance of artistic concepts, scholarly comprehension of problems, knowledge of materials and craftsmanship. All students will take courses in art history, drawing, design and creative concepts as well as classes in their major concentration.

LIU Post's beautiful, 307-acre landscaped campus, with its lush lawns, gardens and historic mansions, is itself an inspiration to creativity. In addition, the University offers a generous array of exhibition spaces, facilities and resources, including the Hillwood Art Museum and the Student Art League Gallery. The vibrant New York art scene is only a short car or train ride away.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Arts must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree in art education with at least a 3.0 cumulative grade point average from an accredited school. The candidate must have completed an undergraduate major in art or a minimum of 36 credits in Studio Art classes.
- A portfolio, evaluated by the Art Department faculty, is required for admission. The portfolio must be submitted to the Art Department Graduate Studies Office and should contain 15 to 20 samples of your most recent work and a numbered inventory list. Samples can be either original works, slides (enclosed in a slide page), CD or DVD. Photography applicants are encouraged to submit a portfolio of 20 original prints.
- Personal Artist Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials, with the exception of the portfolio, to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300  
Fax: 516-299-2137  
E-mail: [enroll@cwpost.liu.edu](mailto:enroll@cwpost.liu.edu)

**The portfolio should be mailed to:**

Art Department Graduate Studies Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300  
Phone: 516-299-2465  
Email: [seung.lee@liu.edu](mailto:seung.lee@liu.edu)  
(Please indicate degree applying for on portfolio)

**Required Classes for Art M.A.**

**Required Art Foundation Courses (6 credits)**

ART 503	Creative Concepts	3.00
ART 517	Design I	3.00

**Required Studio Art Courses (3 credits)**

ART 611	Drawing I	3.00
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**Required Major Concentration Courses - choose 3 courses (9 credits)**

**& Directed Elective Courses - choose 2 courses (6 credits)**

ART 613	Painting I	3.00
ART 614	Painting II	3.00
ART 615	Painting III	3.00
ART 616	Painting IV	3.00
ART 621	Printmaking I	3.00
ART 622	Printmaking II	3.00
ART 623	Printmaking III	3.00
ART 624	Printmaking IV	3.00
ART 631	Graduate Ceramics	3.00
ART 635	Sculpture I	3.00
ART 636	Sculpture II	3.00
ART 637	Sculpture III	3.00
ART 638	Sculpture IV	3.00
ART 690	Advanced Graduate Projects	3.00
ART 691	Advanced Graduate Projects	3.00
ART 692	Graduate Projects Advanced	3.00
ART 693	Advanced Graduate Projects	3.00

**Required Art History Courses - choose 2 courses (6 credits)**

ART 581	Art History Colloquium	3.00
ART 585	Art History Independent Study	3.00
ART 671	History of Contemporary Art	3.00

ART 672	Problems in Contemporary Art	3.00
ART 679	History of Photography	3.00
ART 680	Concepts and Issues in Contemporary Photography	3.00

**Required Thesis Courses (6 credits)**

ART 707	Master's Studio Thesis (M.A., M.S.)	3.00
ART 708	Master's Studio Thesis (M.A., M.S.)	3.00

**Required Classes for Art M.A. - Photography****Required Art Foundation Courses (6 credits)**

ART 503	Creative Concepts	3.00
ART 517	Design I	3.00

**Required Photography Courses (15 credits)**

ART 602	Photo Workshop	3.00
ART 603	Color Photography Printing	3.00
ART 604	Current Ideas In Photography	3.00
ART 605	Photography Studio I	3.00
ART 606	Photography Studio II	3.00

**Required Art History Courses (6 credits)**

ART 679	History Of Photography	3.00
ART 680	Concepts and Issues in Contemporary Photography	3.00

**Required Thesis Courses (6 credits)**

ART 707	Master's Studio Thesis (M.A., M.S.)	3.00
ART 708	Master's Studio Thesis (M.A., M.S.)	3.00

**1 Directed Elective Course - see above (3 credits)****M.A. in Clinical Art Therapy**

The Clinical Art Therapy program offers a creative educational experience that leads to a Master of Arts in Clinical Art Therapy. The 51-credit program is approved by the American Art Therapy Association and is a New York State educational training program for licensure to practice art therapy in New York State. Students are welcome to study full-time (9-12 credits per semester) or part-time (a minimum of 6 credits per semester) in a curriculum that provides individualized attention and prepares the art therapist to practice clinically within the helping professions.

The Clinical Art Therapy program is a small and intimate program with class sizes that range from 8 to 25 students. The program is enhanced by artistic input from a strong international and national

student presence. Emphasis is placed on creating a clinical art therapy community in which students, faculty, the Art, Psychology and Counseling Departments, as well as the New York area artist community, contribute to a cohesive and stimulating clinical curriculum and training experience. The program offers more than 100 clinical training internship sites for students to fulfill the clinical training portion of the curriculum. To augment course study, students will visit museums and galleries on Long Island and in New York City as well as present group or individual art openings.

The curriculum's focus is on the practice of art psychotherapy; however, the art process and the art object are continually emphasized as they apply to the clinical practice of art psychotherapy. Consequently, art is made in all foundational art therapy seminars in large art studio settings. Three credits are taken in drawing, painting and clay works for the art therapist. This foundational art therapy course culminates with a gallery opening where students present their 2-D and 3-D work. Additionally, students exhibit their artwork a minimum of two times per year in campus galleries, either as individual artists or in art-therapy-themed group shows. An art studio elective is required; students may choose from a variety of Art Department offerings that include world-renowned graduate level studio courses in printmaking, painting sculpture, photography, photography and ceramics.

The diagnostic and therapeutic value of painting, drawing, photography and sculpture is explored in-depth within this clinical and diagnostic curriculum. You will focus on children, adults and disabilities in art therapy clinical classes that utilize the latest research findings, theories and techniques. Research is one of the hallmarks of this clinical program and students are required to take nine credits in research and thesis preparation. Many students present their findings at national conferences or in publication or video format to fulfill the thesis requirements. Candidates of the M.A. in Clinical Art Therapy also have written grants that are implemented after graduation. The distinguished faculty is internationally known within the art therapy community for their research efforts across a range of clinical topics.

The emphasis of the use of art as a therapeutic tool is demonstrated in this program's commitment to multicultural methods of art therapy treatment. Students pursuing the M.A. in Clinical Art Therapy not only come from many U.S. states but also from Korea, Taiwan, Japan, Russia, Israel, India, Trinidad, Brazil and the Bahamas. Core faculty routinely present and teach internationally.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Arts must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or

graduate transcripts from any college(s) or universities you have attended.

- Bachelor's degree from an accredited school with at least a 3.0 cumulative grade point average. The candidate must have fulfilled the prerequisite of 12 credits in psychology and a minimum of 18 credits in studio art. A portfolio evaluation, student profile with statement of philosophy, submission of an APA/MLA research paper, personal interview with the director of the Art Therapy program, an attendance to a graduate art therapy class are required. Students who do not meet the minimum grade point average (3.00) or who are in need of prerequisites may be accepted on a limited matriculation basis. The student with serious deficiencies in preparation, but holds promise as a student, may be given non-matriculated status with one year probationary review. All limited matriculated students have one year to complete the requirements for full matriculation. See the director of the art therapy program for further information.
- Portfolio evaluation, student profile with statement of philosophy, submission of 5 pages of an APA academic paper and an interview with the Director of the Art Therapy program is required. **Additionally, the applicant is required to sit in for a graduate class.** If students are international other arrangements are made. Students who do not meet the minimum grade point average (3.0) or who are in need of prerequisites may be accepted on a limited matriculation basis. The student with serious deficiencies in preparation, but holds promise as a student, may be given non-matriculated status with one year probationary review. All limited matriculated students have one year to complete the requirements for full matriculation. See the director of the art therapy program for further information.
- A portfolio, evaluated by the Art Therapy Department faculty, is required for admission and is the substitution for the Graduate Record Examination. The portfolio must be submitted to the Art Department Graduate Studies Office and should contain 15 to 20 samples of your most recent work and a numbered inventory list. Samples can be either original works, slides (enclosed in a slide page), CD or DVD. Photography applicants are encouraged to submit a portfolio of 20 original prints.
- Personal Artist Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213

computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials, with the exception of the portfolio, to:**

LIU Post  
Graduate Admissions Office  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

**The portfolio should be mailed to:**

Art Department Graduate Studies Office  
Art Therapy Department  
LIU Post  
720 Northern Boulevard  
Brookville, NY 11548-1300  
Phone: 516-299-2935  
Email: christine.kerr@liu.edu

**M.A. in Clinical Art Therapy**

**Required Art Therapy courses (39 credits)**

ARTH 600	Theories in Art Therapy	3.00
ARTH 602	Drawing, Painting and Sculpture for the Art Therapist - Studio	3.00
ARTH 603	Multicultural Issues in Clinical Art Therapy	3.00
ARTH 605	History and Philosophy of Art Therapy	3.00
ARTH 607	Clinical Methods in Group Art Therapy with Adults	3.00
ARTH 609	Special Populations & Topics in Child Art Therapy	3.00
ARTH 611	Therapeutic Systems in Family Art Therapy	3.00
ARTH 614	Internship I: Supervision Seminar	3.00
ARTH 615	Internship II: Supervision Seminar	3.00
ARTH 616	Clinical Projectives and Art-Based Assessments	3.00
ARTH 706	Research Methods	3.00
PSY 655	Psychopathology	3.00
PSY 666	Psychopharmacology	3.00

**Elective Art or Psychology (3 credits)**

**Any graduate level PSY or EDC course (3 credits)**

**Required Thesis Courses (6 credits)**

ARTH 707	Thesis Research	3.00
ARTH 708	Thesis	3.00

**M.A. in Interactive Multimedia Arts**

The only constant in today's multimedia world is change. To prepare for a career in this fast-moving field, you need an education that puts a premium on flexibility, creativity and a truly diverse skill-set. In this 36-credit Master of Arts program students develop their skills within an interactive digital environment that fosters cross-discipline collaboration and critical analysis.

While working in a chosen area of concentration, you will explore several of the disciplines involved in multimedia production, from storyboarding and wire-framing to Web design and development to video/audio production to 3D design and animation. The emphasis is on creating new work, but to enrich that process, you will study the theory and history of multimedia art forms, and the legal and ethical issues that arise in today's rapidly evolving technologies.

Students pursuing the M.A. in Interactive Multimedia Arts will have access to state-of-the-art Interactive Multimedia Arts Labs - including 65 networked computers, six full color printers, and 10 flatbed scanners (2D and 3D), all supported with annually updated software. A new Media Television Studio, with the latest in production and editing equipment, enables students to incorporate professional-quality video and audio into their multimedia projects.

The program is highly selective, and accepts approximately 14 students each year. Professionals in the field present guest lectures via web video conferencing. Students and faculty enjoy field trips to leading NYC-area digital marketing agencies. Our program is a paperless environment - all projects are created and stored digitally for access at anytime from anywhere.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Arts must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree in the Visual Arts or a related field with at least a 3.0 cumulative grade point average from an accredited school. Applicants with less than a 3.0 G.P.A. may be restricted to 12 credits for the year.
- Digital Graphic imaging skills. (Students need to be familiar with digital imaging programs for both raster and vector formats.)
- Examples of creative work and a personal interview with the Program Director will be required. Candidates for entrance to the program must have a basic level of computer literacy. They should be familiar with the P.C. or Macintosh platform and have experience with two or more of the following: word-

processing, HTML, digital imaging, digital illustration, digital video or MIDI. Applicants to the program without this basic level of computer literacy will be required to take either a special summer workshop at LIU Post or a comparable college-level course at another institution with the approval of the department to enhance their existing computer skills.

Credits earned in such preparation for admission to the program, whether on a graduate or undergraduate level, may not be used as part of, or in substitution for, program requirements. Applications are accepted for the Fall term only - Spring exceptions are made depending on space availability.

- Portfolio Requirements: Applicants must send a portfolio, or sample of their work by May 30, to the Interactive Multimedia Arts Office, Humanities Hall, Room 120, LIU Post, Brookville, N.Y. 11548. Attn: Patrick Aievoli

**Acceptable sample formats are:** Slides, photos, VHS tape, DVDs, CDs, Thumb Drives and URL's. Do not send masters or original materials. Please make sure all materials are properly labeled with your name and address.

**Interview:** Once your application and support material has been reviewed, you will be contacted for an interview with the Interactive Multimedia Arts Program Director.

- Submit a Personal Statement that describes your artistic work as it relates to the program, and state what you wish to accomplish in your studies here. Any relevant professional experience should also be described in this statement. A GRE is not necessary.
- Submit two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials, with the exception of the portfolio, to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300  
Fax: 516-299-2137  
E-mail: enroll@cwpost.liu.edu

**The portfolio should be mailed to:**

Interactive Multimedia Arts Office  
Humanities Hall, Room 119a,  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

Phone: 516-299-2465  
E-mail: patrick.aievoli@liu.edu

### M.A. Interactive Multimedia Arts

#### Required Foundation courses (15 credits)

IMA	501	Overview of Interactive Multimedia Technology	3.00
IMA	502	Writing, Research and Evaluation for Multimedia	3.00
IMA	503	Multimedia Laboratory I	3.00
IMA	504	Social, Ethical and Legal Contexts of Communications Technologies and Multimedia	3.00
IMA	505	Multimedia History, Theory and Criticism	3.00

#### Required Laboratory courses (15 credits)

IMA	601	Moving Image In Multimedia	3.00
IMA	603	Multimedia Laboratory II	3.00
IMA	604	Internet and Web Design	3.00
IMA	605	3D Modeling and Imaging	3.00
IMA	701	Special Topics in Multimedia	3.00

#### Elective Courses: to be used as substitutes (6 credits)

IMA	602	Sound in Multimedia	3.00
IMA	702	Advanced Digital Editing	3.00

#### Required Laboratory courses (6 credits)

IMA	707	Thesis Research	3.00
IMA	708	Thesis: Final Project	3.00

### M.F.A in Fine Arts and Design

This intensive yet flexible 60-credit program offers advanced art students the opportunity to further their creative development and pursue a graduate degree in a two- or three-year plan of study. Within the M.F.A. in Fine Arts and Design degree program, students select a concentration in painting, printmaking, sculpture, ceramics, photography or computer graphics and are mentored by student-selected faculty teams.

In addition to taking courses in art history and aesthetics, students work closely with faculty to prepare a thesis project in their area of concentration. Through "Seminars in Contemporary Issues," current exhibitions, artists' writings, theory and criticism, students and faculty make full use of the University's unique position near the vast resources of New York City's museums, galleries and alternative spaces.

The beautiful LIU Post Campus, with its 307 acres of lush lawns, gardens and historic mansions,

is an inspirational setting for creative endeavors. The professionally equipped studios and ultra modern facilities include Hillwood Art Museum, Hutchins Gallery, Student Art League Gallery, Ceramics Center and Sculpture Building. The program provides abundant opportunities for networking with potential employers in the city-wide art scene.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Fine Arts must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree from an accredited school with at least a 3.0 cumulative grade point average. The candidate must have completed an undergraduate major in Art or must have a minimum of 57 credits plus 12 credits in Art History. All M.F.A. applicants specializing in photography must have a working knowledge of digital imaging upon entering the program. Students who do not meet these requirements are welcome to discuss their options for admission with the graduate advisor.
- A portfolio, evaluated by the Art Department faculty, is required for admission. The portfolio must be submitted to the Art Department Graduate Studies Office prior to the March 15 deadline and should contain 15 to 20 samples of your most recent work and a numbered inventory list. Samples can be either original works, slides (enclosed in a slide page), CD or DVD. Photography applicants are encouraged to submit a portfolio of 20 original prints. The deadline for the portfolio submission is March 15 for the following Fall admission. After the portfolio has been submitted for review, students can apply for Graduate and Academic Assistantships. Please see below.
- Personal Artist Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- **Transfer Credits:** If pertinent to the applicant's plan of study, a maximum of 12 graduate credits with a grade of B or better may be transferred from another university's graduate program (15 credits from within LIU). The transfer will take place after the completion of 15 credits within this program but the request must be made at the time of the original application to the degree program and must be approved by the Graduate Advisor.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213

computer-based or 550 paper-based) or minimum IELTS score: 6.5.

#### Send application materials, with the exception of the portfolio, to:

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300  
Fax: 516-299-2137

E-mail: enroll@cwpost.liu.edu

#### The portfolio should be mailed to:

Art Department Graduate Studies Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300  
Phone: 516-299-2465

Email: seung.lee@liu.edu

(Please indicate degree applying for on portfolio)

#### GRADUATE AND ACADEMIC ASSISTANTSHIPS

The Department of Art offers Graduate and Academic Assistantships. Apply when you submit your portfolio to the Department of Art Graduate Studies Office. Please complete a Graduate Assistantship Application, which is available from the graduate art advisor. Three letters of recommendation are required.

### Masters in Fine Arts and Design

#### Required Fine Arts Studio courses

#### One of the following sequences: (2-year plan) 27 credits

STSP	601	Studio Specialization and Research I	9.00
STSP	602	Studio Specialization and Research II	9.00
STSP	603	Studio Specialization and Research III	9.00

#### Or (3-year plan) 27 credits

STSP	601A	Studio Specialization and Research I	6.00
STSP	601B	Studio Specialization and Research II	6.00
STSP	602A	Studio Specialization and Research III	3.00
STSP	602B	Studio Specialization and Research IV	6.00
STSP	603A	Studio Specialization and Research V	6.00

#### Required Fine Arts Seminar courses (9 credits)

SEM	600A	MFA Seminar	3.00
SEM	600B	MFA Seminar	3.00
SEM	600C	MFA Seminar	3.00

#### Required Related Art & Art History courses (6 credits)

ART	550	Art Criticism for Artists	3.00
ART	642	New Media In Art	3.00

**Four of the following courses: (12 credits)**

ART	581	Art History Colloquium	3.00
ART	585	Art History Independent Study	3.00
ART	671	History of Contemporary Art	3.00
ART	672	Problems in Contemporary Art	3.00
ART	679	History Of Photography	3.00
ART	680	Concepts and Issues in Contemporary Photography	3.00

**Required Thesis course (6 credits)**

FTHE	708	Fine Art Thesis	6.00
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**M.S. in Art Education (B-12)**

**Joint Program with College of Education, Information and Technology**

The Master of Science in Art Education (Birth to Grade 12) offers a unique opportunity for students to advance their development as creative artists while sharing their love of art with young people in public and private schools.

The plan of study is aimed at advancing each candidate as both artist and teacher. Candidates in the program sharpen their design and drawing skills through studio classes and workshops in traditional and electronic media. Students also take courses aimed at enhancing their teaching skills and exploring the psychological, philosophical and social foundations of art education.

With input and guidance from two graduate advisors each student designs a personalized curriculum that reflects his or her strengths and professional goals.

The program is accredited by the Teacher Education Accreditation Council, which signifies that it meets the highest standards of quality in preparing competent, caring and qualified professional educators in public and private schools.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science in Art Education must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree in art education with at least a 3.0 cumulative grade point average from an accredited school which meets the New York State requirements for certification or have completed an undergraduate major in art from an accredited school with a minimum of 36 credits in Studio Art classes. If the applicant has fewer than 36 undergraduate Studio Art

credits he/she will only be excepted as a "limited-matriculant" until this New York State requirement is satisfied. Also, if the Art Department faculty feels it is necessary, after reviewing an applicant's portfolio, they may require that the student take additional Art and/or Art History courses to eliminate a deficiency before being admitted into the master's degree program. These credits cannot be applied toward the master's degree. The student's status will be "limited-matriculant" until these courses are completed and a grade of B or better is attained. In some cases a second portfolio review will be required for full matriculation.

- A portfolio, evaluated by the Art Department faculty, is required for admission. The portfolio must be submitted to the Art Department Graduate Studies Office and should contain 15 to 20 samples of your most recent work and a numbered inventory list. Samples can be either original works, slides (enclosed in a slide page), CD or DVD. Photography applicants are encouraged to submit a portfolio of 20 original prints.
- Personal Artist Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**SPECIAL REQUIREMENTS FOR TRANSFER STUDENTS**

- If pertinent to the applicant's plan of study, a maximum of 12 graduate credits with a grade of B or better may be transferred from another university's graduate program (15 credits from within LIU).
- The transfer will take place after the completion of 15 credits within this program but the request must be made at the time of the original application to the degree program and must be approved by the Graduate Advisor.

**Send application materials, with the exception of the portfolio, to:**

Graduate Admissions Office  
 LIU Post  
 720 Northern Boulevard  
 Brookville, N.Y. 11548-1300  
 Fax: 516-299-2137  
 E-mail: enroll@cwpost.liu.edu

**The portfolio should be mailed to:**

Art Department Graduate Studies Office  
 LIU Post  
 720 Northern Boulevard  
 Brookville, N.Y. 11548-1300  
 Phone: 516-299-2465  
 Email: seung.lee@liu.edu  
 (Please indicate degree applying for on portfolio)

## Art Department Courses

### ART 503 Creative Concepts

This is an exploratory course of basic ideas in the creative experience dealing with content and concepts in contemporary visual art. Through readings, lectures, and projects, the student discusses and analyzes these ideas in relationship to his/her personal view and creative output.

*Credits: 3*

*Every Fall*

### ART 517 Design I

This is a studio course intended to relate the vocabulary of form and language of art to the student's personal visual statements. Students are expected to produce a related series of works with concentration on experimentation, change, and synthesis involved in the creative process of producing visual statements that communicate personal ideas.

*Credits: 3*

*Every Spring*

### ART 519 Photography

This course is an introduction to the mechanics and aesthetics of photography. This is a studio course in basic photographic processes, principles, and techniques and examines the use of the camera as an art medium.

*Credits: 3*

*Every Semester*

### ART 520 Advanced Photography

This course is independent study and work in advanced techniques and processes with emphasis on composition and creativity. Seminars, individual criticism, and instruction are included.

*Prerequisite of ART 519 or permission of instructor is required.*

*Credits: 3*

*Every Semester*

### ART 550 Art Criticism for Artists

This course is designed to help art students describe and analyze their own work within the context of art history and contemporary art criticism. We will discuss the major categories and perspectives of art interpretation from personal identity to medium, social engagement to creative inspiration. We will focus primarily on writing by artist, including criticism, interviews, and biography. The final paper project will be a draft of the Master of Fine Arts thesis.

*Credits: 3*

*Every Fall*

### ART 581 Art History Colloquium

At least two colloquia seminars are offered each semester. The topics of study are based on such factors as the area of specialization of the instructor, the timeliness of a subject in relation to a major exhibition or issue within the field, and the needs of students to explore the art and culture of diverse

historical periods and societies. General topics include American art, various epochs of European art, Asian art, Pre-Columbian art, the tribal arts of Africa and Oceania, and comparative cultural analysis on issues such as rulership, the representation of gender, burial traditions, monumental architecture, portraiture, colonialism and conquest, sacred symbolism, and many other aspects of the visual arts. One colloquium course each semester focuses on Non-Western or ancient art.

*Credits: 3*

*Every Semester*

### ART 585 Art History Independent Study

This course offers an opportunity for individual, supervised research into a specific art historical topic or question. A subject reflecting the student's specialty interest is selected in consultation with the instructor. Use of museum collections or gallery exhibitions is encouraged. Guided readings and assignments allow the student to practice art historical inquiry in depth.

*Credits: 3*

*Every Semester*

### ART 590 Graduate Projects

This course is comprised of advanced projects in art in an area of special interest to the student which is not available in existing courses or goes beyond the current art offerings. The project is chosen after consultation with the major professor. Approval by the art chairperson or graduate art advisor is required prior to registration. The student works independently under the guidance of the professor in the area of specialization.

*Credits: 3*

*Every Semester*

### ART 591 Graduate Projects

This course is comprised of advanced projects in art in an area of special interest to the student which is not available in existing courses or goes beyond the current art offerings. The project is chosen after consultation with the major professor. Approval by the art chairperson or graduate art advisor is required prior to registration. The student works independently under the guidance of the professor in the area of specialization.

*Credits: 3*

*Every Semester*

### ART 592 Graduate Projects

This course is comprised of advanced projects in art in an area of special interest to the student which is not available in existing courses or goes beyond the current art offerings. The project is chosen after consultation with the major professor. Approval by the art chairperson or graduate art advisor is required prior to registration. The student works independently under the guidance of the professor in the area of specialization.

*Credits: 3*

*Every Semester*

### ART 593 Graduate Projects

This course is comprised of advanced projects in art in an area of special interest to the student which is not available in existing courses or goes beyond the current art offerings. The project is chosen after consultation with the major professor. Approval by the art chairperson or graduate art advisor is required prior to registration. The student works independently under the guidance of the professor in the area of specialization.

*Credits: 3*

*Every Semester*

### ART 597 Workshops & Institutes in Art

Art 597-001: Photography for Educators

This workshop is suited for art educators who are looking to incorporate digital photography into their curriculum. The course introduces the use of the Digital SLR camera, digital output, and archival printing. As students explore photography as a means of visual expression, their Photoshop editing and image processing skills will be developed to a professional level. In addition, the class will learn how to photograph teacher and student outcomes and create a sophisticated digital presentation of artwork.

Art 597-002: Woodworking as Art and Design

This workshop will focus on several aspects of woodworking including furniture making, functional design, and sculpture. Students will be introduced to basic woodworking skills, finishing techniques, basic joinery, and carving processes. The topics covered in the context of studio work will be the history of design in wood and the application of woodworking in contemporary sculpture.

Art 597-003: Introductory Printmaking/Serigraphy

In this screen-printing workshop, students will develop prints that emphasize the exploration of personal content while employing contemporary approaches to silk screening techniques. Non-toxic and water-soluble inks make this print process safe with easy clean-up. Techniques include a variety of stencil making methods, direct approaches and photo emulsion. The course will consist of studio production, lectures, demonstrations, and individual and group critiques that will challenge the students' conceptual development as artists.

Art 597-004: History and Emergence of Street Art & Graffiti

This course is a historical survey of the emergence of street art and graffiti as a contemporary art movement. The course traces the history through its past and present artistic developments on a technical and cultural level. Students will follow the history of graffiti starting from its New York roots and examine its growth in popularity, both nationally and internationally, from the streets to museum walls. The course pays particular attention to New York-based artists and writers and includes a guided walking tour of the city and guest lectures.

**Art 597-005: Medical Art Therapy with Children**

This course presents an introduction to working with children utilizing art therapy and developmental concepts in various medical settings. Students will learn about appropriate interventions and materials to use based on diagnosis, environment and treatment plans. Concepts covered include: child life, eating disorders, cancers, asthma, diabetes, HIV/AIDS, surgeries, developmental delays, and others. This course is an ideal elective for those studying psychology, art therapy, education, or child development.

*Credits: 3*

*Every Summer*

**ART 597F Figurative Sculpture**

This workshop is designed for artists and educators of all experience levels interested in developing a creative approach to exploring the human form. Students will sculpt directly from a live model. They will explore various historical principles of interpreting the figure and will be encouraged to bring their own approach to the tradition of sculpture. Both traditional and contemporary concepts and techniques will be explored, including armature building, mold making, and modeling.

*Credits: 3*

*Every Summer*

**ART 597H Raku Experience**

This workshop will explore the outdoor experience of Raku ceramics as it relates to a keen appreciation of nature and recognition of beauty in non-perfection. Raku has a special aesthetic appeal to artists, students and teachers because of its participatory aspect and the spontaneous and dramatic result it produces.

*Credits: 3*

*Every Summer*

**ART 598A Figure Painting with Mixed Media**

This open-ended workshop is designed for the advanced painter as well as the less-experienced artist, designer, illustrator, printmaker or educator. Students will have opportunities to pursue their personal approaches to the figure while experimenting with a wide variety of media. Emphasis will be on each individual's personal artistic development. Slide talks, media demonstrations and critiques will enhance this expressive figure-study workshop.

*Credits: 3*

*Every Summer*

**ART 598C Introduction to Adobe InDesign**

This workshop is aimed at providing digital design students with new skills and concepts using Adobe InDesign. The overall objective of the workshop is to expose students to the types of day-to-day challenges they will face in the publishing industry. Students will enhance their overall production skills and add to their professional portfolio by responding to critical design problems and producing quality design solutions with InDesign.

*Credits: 3*

*Every Summer*

**ART 598D Digital Imaging with Adobe PhotoShop for Artists, Photographers & Educators**

This course is geared to the working artist, teacher, photographer or creative individual with little or no computer graphic experience. Students will learn imaging essentials using Adobe Photoshop, Creative Suite and related software. The use of scanners and digital cameras will be introduced and options for storage and output will be explored. This is a hands-on course, and each student will have use of his or her own Mac workstation to produce personal works of art.

*Credits: 3*

*Every Summer*

**ART 598E Metal Sculpture: Welding and Casting**

In this studio workshop, the challenging process of creating metal sculpture will be experienced through various methods of casting and welding. Several fabrication techniques will be introduced including: oxy-acetylene torch work, plasma cutting, TIG welding, resin bonded sand casting, and urethane mold making. The history of metalworking and its material applications in 20th and 21st-century sculpture will be discussed throughout the studio experience.

*Credits: 3*

*Every Summer*

**ART 598J Figure Painting & Drawing**

This workshop is suited to the advanced as well as the less experienced painter and offers an intense exposure to painting the figure. Students will study the human figure as an expression and reflection of nature. Slide presentations, painting demonstrations, individual and group critiques improve the students' observation skills and challenge their conceptual development as artists. A variety of contemporary approaches to the figure will be explored and compared to traditional formats. Choice of medium will be open.

*Credits: 3*

*Every Summer*

**ART 600J Raku Ceramics**

This workshop will explore a range of firing methods to broaden the artist's or teacher's creative expression in clay. Students will be encouraged to create works that embraces an aesthetic of simplicity, spontaneity and raw beauty. Raku firings and guest artists will contribute to a sense of community and creative exchange.

*Credits: 3*

*Every Summer*

**ART 600L Investigative Resources in Contemporary Art**

This is a two-part course consisting of morning seminars devoted to readings in contemporary art and afternoon field trips to Manhattan-based art professionals including a museum curator, a

conservator, and an artist. Unlike a traditional object-oriented art history class, this course focuses on the interpretive resources surrounding the object such as recent publications on postmodern concepts and the current work of art professionals. In order to provide the student with a fuller understanding of contemporary art, seminar topics will include postmodernism, visual culture, relational aesthetics, and technologies of perception within new media. Completion of the course will give students a behind-the-scenes view of art institutions and a means to investigate the fascinating world of contemporary art itself.

*Credits: 3*

*Every Summer*

**ART 600Y From Rembrandt to Warhol: Museum Practice for Today's Schools**

Using the art museum as resource, this inspiring museum-based workshop will provide students with numerous, innovative methods for linking museum realm work to their daily teaching practice. Morning sessions will begin with work at regional art museums to develop verbal, written and interactive art criticism, games and strategies. Afternoons on campus will be devoted to the study of current museum school teaching models, online museum learning and hands-on studio outcomes. Concepts of traditional standard-based learning will merge with newer visual culture art education ideologies for genuine practice in today's schools.

*Credits: 3*

*Every Summer*

**ART 602 Photo Workshop**

This course is an advanced photo workshop. Students attempt to define their personal direction and style. Photography is accepted in any format in either black and white, color, or digital. Intense group critiques evaluate students' work.

*Prerequisite of ART MAJOR or (ART 519 & 520) or permission of instructor is required.*

*Credits: 3*

*Every Fall*

**ART 603 Color Photography Printing**

This is an advanced course which explores the techniques and aesthetic problems of digital color capture and printing.

*Prerequisite of ART MAJOR or (ART 519 & 520) or permission of instructor is required.*

*Credits: 3*

*Every Semester*

**ART 604 Current Ideas In Photography**

The class explores the work of leading photographers with special emphasis on new directions and new ways of seeing. It also includes direct contact with professional photographers.

*Prerequisite of ART MAJOR or (ART 519 & 520) or permission of instructor is required.*

*Credits: 3*

*Every Spring*



**ART 605 Photography Studio I**

Explores intricacies of the view camera, including an historical examination of important photographers who have used it; correcting perspective, lenses and fundamental principles of lighting, as well as landscape and portraiture photography with large format. Course work includes the Scheimpflug Rule, the Bellow's Formula and an examination of the Zone System. *Prerequisite of ART MAJOR or (ART 519 & 520) or permission of instructor is required.*

*Credits: 3*  
*Every Semester*

**ART 606 Photography Studio II**

An intensive exploration of a variety of lighting techniques, including glassware, solid and clear objects. Handling filtration and manipulating strobe lighting is also covered. Students produce a portfolio of work utilizing the techniques from the semester's work.

*Prerequisite of ART 605 is required.*  
*Credits: 3*  
*Every Spring*

**ART 611 Drawing I**

This course is a critical analysis of drawings executed by students in the class. Students are required to be active participants in this studio class. New themes are assigned each week. The student, in consultation with the faculty member, selects the appropriate drawing material and technique based on the student's major field of interest. Special emphasis is placed on drawing techniques and furthering critique skills of the student.

*Credits: 3*  
*Every Semester*

**ART 612 Drawing II**

This course is a critical analysis of drawings executed by students in the class. Students are required to be active participants in this studio class. New themes are assigned each week. The student, in consultation with the faculty member, selects the appropriate drawing material and technique based on the student's major field of interest. Special emphasis is placed on drawing techniques and furthering critique skills of the student.

*Prerequisite of ART 611 is required.*  
*Credits: 3*  
*Every Semester*

**ART 613 Painting I**

This course is the study and experimentation of various painting concepts, media and techniques in a studio environment. Students concentrate on independent creative projects and the development of a personal concept and style. Criticism and discussion are emphasized.

*Credits: 3*  
*Every Semester*

**ART 614 Painting II**

This course is the study and experimentation of various painting concepts, media and techniques in a studio environment. Students concentrate on independent creative projects and the development of a personal concept and style. Criticism and discussion are emphasized.

*Prerequisite of ART 613 is required.*  
*Credits: 3*  
*Every Semester*

**ART 615 Painting III**

This course is the study and experimentation of various painting concepts, media and techniques in a studio environment. Students concentrate on independent creative projects and the development of a personal concept and style. Criticism and discussion are emphasized.

*Prerequisite of ART 613 is required.*  
*Credits: 3*  
*Every Semester*

**ART 616 Painting IV**

This course is the study and experimentation of various painting concepts, media and techniques in a studio environment. Students concentrate on independent creative projects and the development of a personal concept and style. Criticism and discussion are emphasized.

*Prerequisite of ART 613 is required.*  
*Credits: 3*  
*Every Semester*

**ART 621 Printmaking I**

This course offers an experimental exploration of diverse techniques, concepts, and interrelationships involving intaglio, relief, collagraph, screen-printing, monotype and photo printmaking process. Students work closely in a well equipped studio and are encouraged to develop a personal vision through independent projects.

*Credits: 3*  
*Every Semester*

**ART 622 Printmaking II**

This course offers an experimental exploration of diverse techniques, concepts, and interrelationships involving intaglio, relief, collagraph, screen-printing, monotype and photo printmaking process. Students work closely in a well equipped studio and are encouraged to develop a personal vision through independent projects.

*Prerequisite of ART 621 is required.*  
*Credits: 3*  
*Every Semester*

**ART 623 Printmaking III**

This course offers an experimental exploration of diverse techniques, concepts, and interrelationships involving intaglio, relief, collagraph, screen-printing, monotype and photo printmaking process. Students work closely in a well equipped studio and are encouraged to develop a personal vision through independent projects.

*Prerequisite of ART 621 is required.*

*Credits: 3*  
*Every Semester*

**ART 624 Printmaking IV**

This course offers an experimental exploration of diverse techniques, concepts, and interrelationships involving intaglio, relief, collagraph, screen-printing, monotype and photo printmaking process. Students work closely in a well equipped studio and are encouraged to develop a personal vision through independent projects.

*Prerequisite of ART 621 is required.*  
*Credits: 3*  
*Every Semester*

**ART 631 Graduate Ceramics**

This course explores contemporary art issues and how they relate to craft media. Students will learn how to apply conceptual art ideas to ceramic projects. The objective is to re-think craft media as an aesthetic platform; to develop a personal body of work that is innovative, experimental, and professional.

*Credits: 3*  
*Every Semester*

**ART 635 Sculpture I**

This course offers students the opportunity to experiment in all sculptural media and concepts while clarifying their personal sculptural objectives. Students work on independent projects in media and concepts stemming from the student's interests.

*Credits: 3*  
*Every Semester*

**ART 636 Sculpture II**

This course offers students the opportunity to experiment in all sculptural media and concepts while clarifying their personal sculptural objectives. Students work on independent projects in media and concepts stemming from the student's interests.

*Prerequisite of ART 635 is required.*  
*Credits: 3*  
*Every Semester*

**ART 637 Sculpture III**

This course offers students the opportunity to experiment in all sculptural media and concepts while clarifying their personal sculptural objectives. Students work on independent projects in media and concepts stemming from the student's interests.

*Prerequisite of ART 635 is required.*  
*Credits: 3*  
*Every Semester*

**ART 638 Sculpture IV**

This course offers students the opportunity to experiment in all sculptural media and concepts while clarifying their personal sculptural objectives. Students work on independent projects in media and concepts stemming from the student's interests.

*Prerequisite of ART 635 is required.*  
*Credits: 3*  
*Every Semester*

**ART 641 Papermaking and Printmaking**

Students will learn papermaking production techniques as they create both plain and embedded imagery sheets. Diverse fibers, colored pulps, sheet formation, custom decks, and inclusions will be demonstrated. Students are encouraged to develop imagery through painting and by utilizing simple print techniques such as monotype and non-toxic solar plate etching. This workshop will introduce beginners to new tools and refine the imaginations of experienced paper/printmakers.

*Credits: 3*

*Every Summer*

**ART 642 New Media In Art**

This course introduces students to the use of electronic media in studio arts. Through both a hands-on and an analytical approach, students create works using video, computer, sound and light as tools. These media are developed in conjunction with the student's prior interest (photo, sculpture, installation and performance art). The critical dialogue surrounding the use of various media are addressed through readings and the viewing of films and videos. Emphasis is placed on the relationship between individual art practice and its implications for social and aesthetic issues.

*Credits: 3*

*Every Spring*

**ART 660 Philosophy of Art Education**

This course is the study of past and current philosophies of art education including the work of Pestalozzi, Froebel, Dewey, Lowenfeld, D'Amico, Eisner, Gardner and others. Students have the opportunity to compare current literature to the work of past generations in art education in order to construct strategies for teaching art in the schools.

*Credits: 3*

*Every Fall*

**ART 661 Elementary Art Education Studio Workshop**

This course is an examination of the value and function of art education as it relates to the artistic development of children through early adolescence. Students experiment with a variety of studio methods, strategies, and techniques in teaching and assessing the visual arts and develop original curriculum materials.

*Prerequisite of ART 660 is required.*

*Credits: 3*

*Every Spring*

**ART 664 Literacy and Learning Through the Visual Arts**

This course will explore the instructional possibilities of connecting reading and writing to learning in the visual arts. Methods of integrating literacy in the visual arts program through speaking, writing, reading, and studio activities will be presented in order to support and extend classroom learning. Means of adapting these activities to a variety of instructional levels will be discussed.

*Prerequisite of Art 660 and Art 661 are required*

*Credits: 3*

*Every Fall*

**ART 671 History of Contemporary Art**

This course surveys art historical and cultural developments from the mid-twentieth century to the present, with an emphasis on the movements, media and critical methodologies emerging in recent decades. Topics of discussion include the relationship between popular culture and fine art, the representation of gender and cultural identity, the evolving role of the museum and art market, and the impact of new technologies on art making and reception.

*Credits: 3*

*Every Fall*

**ART 672 Problems in Contemporary Art**

This course addresses a case study or specific problem in the history and analysis of contemporary art. The topic is developed by the instructor as an exploration of a significant aspect of recent art and culture. The focus may be on an artistic medium, a specific theme or subject, the impact of a certain movement or theoretical perspective, the representation of an aspect of identity, or the institutional conditions of the art industry.

*Credits: 3*

*Alternate Spring*

**ART 679 History Of Photography**

This course is an historical survey of photography from its pre-camera origins to its modern practice in the 1950s. Students will examine concepts and issues affecting the photographic medium from artistic, historical, sociological, and technological perspectives and its impact on society.

*Credits: 3*

*Every Fall*

**ART 680 Concepts and Issues in Contemporary Photography**

This course is a survey of post-1950 photography: the historical, sociological, and artistic concepts and issues in contemporary photography.

*Prerequisite of ART 679 is required.*

*Credits: 3*

*Every Spring*

**ART 690 Advanced Graduate Projects**

This course focuses on art studio projects in a specialized area. Students select a project of special interest after consultation with the chairperson of the Art Department or graduate art advisor. Special permission must be secured before registering for the course.

*Credits: 3*

*Every Semester*

**ART 707 Master's Studio Thesis (M.A., M.S.)**

This course is open only to matriculated students. It is intended for graduate students who have elected to do a creative thesis in a particular area of studio

art. The course includes presentation, analysis, and discussion of thesis projects with regard to purpose, concept, material, and execution. Exhibition of thesis is required. Registration must be approved by the graduate counselor or designated representative.

*Credits: 3*

*Every Semester*

**ART 708 Master's Studio Thesis (M.A., M.S.)**

This course is open only to matriculated students. It is intended for graduate students who have elected to do a creative thesis in a particular area of studio art. The course includes presentation, analysis, and discussion of thesis projects with regard to purpose, concept, material, and execution. Exhibition of thesis is required. Registration must be approved by the graduate counselor or designated representative.

*Credits: 3*

*Every Semester*

**ARTH 600 Theories in Art Therapy**

A survey course of diverse psychological theories as they relate to the field of art therapy.

*Credits: 3*

*Every Fall*

**ARTH 602 Drawing, Painting and Sculpture for the Art Therapist - Studio**

Various drawing, painting and techniques of sculpture will be introduced with an emphasis upon the progression from restrictive to expansive self-expression. The media's applicability and relationship to the emotional realm will be explored.

*Credits: 3*

*Every Fall*

**ARTH 603 Multicultural Issues in Clinical Art Therapy**

This course is designed to stimulate awareness of racial, ethical, political, and gender biases inherent in society at large and, more specifically, in the mental health field. The student is instructed in the development of culture-specific methods of art therapy treatment for culturally diverse client populations.

*Prerequisites of ARTH 600, 602, 605, 607 and 609 are required.*

*Credits: 3*

*Every Spring*

**ARTH 605 History and Philosophy of Art Therapy**

A survey course in the history of art therapy as it developed in the United States and Europe from 1940-present. Also included is an in-depth exploration of the different philosophies which have emerged and which continue to evolve in contemporary practice.

*Credits: 3*

*Every Fall*

**ARTH 607 Clinical Methods in Group Art Therapy with Adults**

Exploration of the practice of group psychotherapy.

In this course, major theories and research findings will be addressed as they apply to group practice in the field of art therapy.

*Prerequisites of ARTH 600, 602, and 605 are required.*

*Credits: 3*

*Every Spring*

#### **ARTH 609 Special Populations in Child/Adolescent Art Therapy and Art Education**

An in-depth survey of different populations being served by art therapists and art educators, including autism, schizophrenia, depression, sensory deficits, developmental disabilities, and other childhood disorders within mental health settings or requiring IEPs in the public school system.

*Prerequisites of ARTH 600, 602, and 605 are required.*

*Credits: 3*

*Every Spring*

#### **ARTH 611 Therapeutic Systems in Family Art Therapy**

Exploration of the practice of family art psychotherapy. In this course, major family systems theories, methods and treatment interventions will be addressed as they apply to family art therapy.

*Prerequisites of ARTH 600, 602, 605, 607, 609, and 616 are required.*

*Credits: 3*

*Every Fall*

#### **ARTH 614 Internship I: Supervision Seminar**

In-depth field experience under the direct supervision of a registered art therapist. Each internship requires 350 hours on site. Population requirements: one internship with adults, one with children or adolescents. The seminar provides an atmosphere for interns to reflect upon this experience which leads to further integration and synthesis. Students will present case studies on an individual or group process.

*Prerequisites of ARTH 600, 602, 605, 607, 609, and 616 are required.*

*Credits: 3*

*Every Summer*

#### **ARTH 616 Clinical Projectives and Art-Based Assessments**

This course will focus on classic clinical projectives such as the House-Tree-Person (HTP) and the Draw-a-Person clinical projective (DAP).

Additionally, graphomotor or expressive analysis of drawings will be emphasized. A variety of art-based assessment measures will be introduced throughout this course with case examples focusing on the diagnostic aspects of the clinical art therapy process.

*Prerequisites of ARTH 600, 602 and 605 are required.*

*Credits: 3*

*Every Spring*

#### **ARTH 706 Research Methods**

This course will give the graduate art therapy student a basic overview of developing a research

design. Students will learn the role of the Institutional Review Board and write a formal IRB that will involve either a mock trial or formal presentation.

*Prerequisites of ARTH 600, 602, 605, 607, 609, and 616 are required.*

*Credits: 3*

*Every Summer*

#### **ARTH 707 Thesis Research**

Research and preparation of the thesis. Working both in class and on an individual basis, students will select a topic and develop a review of the relevant literature in the field which comprises the first half of the thesis.

*Prerequisites of ARTH 600, 602, 605, 607, 609, and 616 are required.*

*Credits: 3*

*Every Fall*

#### **ARTH 708 Thesis**

Completion of thesis including presentation of the case materials, visual productions, and analysis including a discussion and conclusion.

*Prerequisite of ART 707 is required.*

*Credits: 3*

*Every Spring*

#### **CGPH 601 Graduate Computer Graphics**

Digital Paint is intended to provide students with advanced knowledge and expertise in the creation of digital artwork. Students explore new methods of manipulating their own artistic creations and photos using digital imaging software techniques. Students develop a personal aesthetic and use it within their own artwork. Production techniques concerning output are discussed. Students have their own computer workstations and access to color scanners and printers.

*Credits: 3*

*Every Semester*

#### **CGPH 602 Graduate Digital Design**

Digital Design is intended for artists and graphic designers who want to combine digital illustration, image editing, and page layout techniques within a professional design environment. Students use appropriate design and computer graphics software to create effective visual communication artwork. The interaction among digital graphics, text and illustration are thoroughly examined, presented and discussed within a critique setting. Students use digital cameras, CD-ROM and printers to create an advanced suite of digital and printed portfolio pieces.

*Credits: 3*

*Every Semester*

#### **CGPH 603 Motion Graphics**

Motion Graphics is a hands-on computer class intended for students interested in the computation, creation, and production of a multimedia artwork. Students learn how to create and develop storyboards and integrate their images by constructing a multilevel digital production with

graphics, imaging, sound, text and animation.

*Credits: 3*

*Every Semester*

#### **FTHE 708 Fine Art Thesis**

In this course, a creative studio project is undertaken in the candidate's major area of specialization. The thesis project is under the supervision of a Master's Thesis Committee, consisting of a chairperson and two faculty members. In certain circumstances, a member or members of the committee may be selected from outside the college faculty. The thesis project must be accompanied by a written statement and bibliography. An exhibition of the thesis is required, and the project must be photographed for the college records.

*Credits: 6*

*Every Spring*

#### **IMA 501 Overview of Interactive Multimedia Technology**

This course introduces the student to interactive multimedia technologies, both standard and newly developed. Technologies and their applications are discussed in the context of a rigorous intellectual framework, including media theory and human factors, which enable the student to develop skills and evaluate the potential of new multimedia technologies.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Fall*

#### **IMA 502 Writing, Research and Evaluation for Multimedia**

This course examines the ways in which writers of electronic, often interactive, texts must adapt to computers and allied technologies. It also provides students with the special skills needed to write and think creatively in this demanding environment. In addition, this course conducts formative evaluation of message design and revises presentations in response to audience feedback.

*Credits: 3*

*Every Fall*

#### **IMA 503 Multimedia Laboratory I**

This course examines the principles and issues in design applicable to interactive media. Visual organization of digital images and motion graphic elements, typography, storyboarding, flow-charting and choices of technological options are explored. Students may choose to work independently; however, collaborative projects are highly encouraged.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Fall*

#### **IMA 504 Social, Ethical and Legal Contexts of Communications Technologies and Multimedia**

This course traces the evolution of electronic

communications technologies and their social, cultural and intellectual impact on individuals and communities. Ethical, legal and policy issues related to the development and application of the new multimedia technologies in today's complex regulatory environment are given particular emphasis with special attention to copyright law, intellectual property, privacy, free speech and indecency.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Spring*

### **IMA 505 Multimedia History, Theory and Criticism**

This class presents a historical and critical context within which the field of multimedia and interactivity can be studied. It moves toward developing ways of analyzing the relationship of the new interactive work to the rich history of multimedia art forms. Subjects to be introduced include photography, cinema, radio, television, computers and the internet, as well as study of the impact of new technologies on the field of cultural studies.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Spring*

### **IMA 601 Moving Image In Multimedia**

This workshop on film and video production techniques is targeted to multimedia producers. Specific aesthetic concerns include shot composition for use on a computer screen and creation of images that are used at less than full screen framing. Also covered are television studio techniques such as chroma and luminance keys which assist and expedite work in computer environments. Students learn to incorporate archival media and stock footage from various sources into their multimedia projects. Experience is gained in visual concept development, script and storyboard creation, camera operation, art direction, lighting, sound and importing images for digital editing.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Fall*

### **IMA 602 Sound In Multimedia**

This course provides a theoretical and conceptual foundation for the student, while providing a strong hands-on component in which the hardware and software of sound used in multimedia are explored. Although the primary tool is the computer, students work with recording media such as analog tape, DAT, multi-track recorders and allied equipment. Sound design software such as SAW Plus and Sound Forge are used in conjunction with multimedia software.

*Prerequisite of Interactive Multimedia major or*

*permission of instructor is required.*

*Credits: 3*

*Every Spring and Summer*

### **IMA 603 Interactive Multimedia Laboratory II**

This course covers advanced team-oriented skills needed to explore, conceptualize and produce interactive multimedia work. Students work within a team environment using presentation graphics software to create 3D animations and interactive presentations. Discussions and critiques include the role of each participant, the integrating of design and computing and production challenges within a digital environment.

*Prerequisite of IMA 503 and an Interactive Multimedia major are required or permission of instructor is required.*

*Credits: 3*

*Every Spring*

### **IMA 604 Internet and Web Design**

This course gives students advanced knowledge in creating artwork and communications for viewing in internet browsers. Students create their own original artwork and gain knowledge in important aspects of production of images for displaying in HTML format, as well as creating home pages and setting up internet connections.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Spring*

### **IMA 605 3D Modeling and Imaging**

This course examines aspects of 3D design and animation including 3D model building, scene building, lighting, texture creation and mapping, as well as animation techniques. The focus is on the development of an original personal aesthetic.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Spring*

### **IMA 701 Special Topics in Multimedia**

This is an umbrella course which serves to bring specialized and innovative topics to students in this program. The course may be taught by outside experts or regular faculty as appropriate. Cutting edge technologies and applications are stressed. The goal is to familiarize students with new developments and ways of thinking in the multimedia field.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Spring*

### **IMA 702 Advanced Digital Editing**

This course is a workshop in the digital editing of motion pictures and sound. Beginning with a history of conceptual developments in the theory and practice of editing, students proceed to explore and implement editing techniques through exercises in rhythm, pacing, continuity, montage,

psychological vs. real-time, induced vs. real-movement, cutting dialogue, interview scenes, splitting tracks, mixing music and effects, dissolves, wipes and digital transitions.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Spring*

### **IMA 707 Thesis Research**

Students define the objectives of their thesis/final project as well as the methodology they plan to utilize. Primary thesis research is presented in a creative context (i.e., storyboarding); thereby demonstrating their understanding of structure, form and the utilization of the tools necessary for eventual integration directly into their final thesis project.

*Prerequisite of Interactive Multimedia major or permission of instructor is required.*

*Credits: 3*

*Every Fall*

### **IMA 708 Thesis: Final Project**

This is a culminating course for all students within the Interactive Multimedia Arts program. Within the candidate's major area of specialization, students are expected to successfully present their thesis in the form of an interactive work, video or film to be shown within an exhibition setting.

*Prerequisite of IMA 707 and an Interactive Multimedia major are required.*

*Credits: 3*

*Every Spring*

### **SEM 600A MFA Seminar**

This course is open only to matriculated MFA students. The seminar focuses on the topics drawn from the philosophical and aesthetic interests of the participants. The format incorporates critiques, readings, discussions, as well as the participation of visiting artists. Contemporary problems as they relate to the making of art are examined.

*Credits: 3*

*Every Semester*

### **SEM 600B MFA Seminar**

This course is open only to matriculated MFA students. The seminar focuses on the topics drawn from the philosophical and aesthetic interests of the participants. The format incorporates critiques, readings, discussions, as well as the participation of visiting artists. Contemporary problems as they relate to the making of art are examined.

*Credits: 3*

*Every Semester*

### **SEM 600C MFA Seminar**

This course is open only to matriculated MFA students. The seminar focuses on the topics drawn from the philosophical and aesthetic interests of the participants. The format incorporates critiques, readings, discussions, as well as the participation of visiting artists. Contemporary problems as they relate to the making of art are examined.

*Credits: 3*

*Every Semester*

**STSP 601 Studio Specialization and Research I**

This course is the concentrated development in an area of specialization under the guidance of two or more faculty members. All students are required to explore at least one area of studio art other than the student's area of concentration. Each month all graduate students meet in order to present their work that is in progress. Discussion and criticism under the direction of a graduate faculty member are emphasized during these informal seminars.

*Credits: 9*

*Every Semester*

**STSP 601A Studio Specialization and Research I**

This course is the concentrated development in an area of specialization under the guidance of two or more faculty members. All students are required to explore at least one area of studio art other than the student's area of concentration. Each month all graduate students meet in order to present their work that is in progress. Discussion and criticism under the direction of a graduate faculty member are emphasized during these informal seminars.

*Credits: 6*

*Every Semester*

**STSP 601B Studio Specialization and Research II**

This course is the concentrated development in an area of specialization under the guidance of two or more faculty members. All students are required to explore at least one area of studio art other than the student's area of concentration. Each month all graduate students meet in order to present their work that is in progress. Discussion and criticism under the direction of a graduate faculty member are emphasized during these informal seminars.

*Credits: 6*

*Every Semester*

**STSP 602 Studio Specialization and Research II**

This course is the concentrated development in an area of specialization under the guidance of two or more faculty members. All students are required to explore at least one area of studio art other than their area of concentration. Each month all graduate students meet in order to present their work that is in progress. Discussion and criticism under the direction of a graduate faculty member are emphasized during these informal seminars.

*Prerequisite of STSP 601 is required.*

*Credits: 9*

*Every Semester*

**STSP 602A Studio Specialization and Research III**

This course is the concentrated development in an area of specialization under the guidance of two or more faculty members. All students are required to explore at least one area of studio art other than the student's area of concentration. Each month all graduate students meet in order to present their work that is in progress. Discussion and criticism under the direction of a graduate faculty member

are emphasized during these informal seminars.

*Credits: 3*

*Every Semester*

**STSP 602B Studio Specialization and Research IV**

This course is the concentrated development in an area of specialization under the guidance of two or more faculty members. All students are required to explore at least one area of studio art other than the student's area of concentration. Each month all graduate students meet in order to present their work that is in progress. Discussion and criticism under the direction of a graduate faculty member are emphasized during these informal seminars.

*Credits: 6*

*Every Semester*

**STSP 603 Studio Specialization and Research III**

This course is advanced work in the area of specialization, preparing the candidate for the thesis. The student works under the supervision of a major faculty advisor and in consultation with professional specialists in an area outside of the department.

*Prerequisite of STSP 602 is required.*

*Credits: 9*

*Every Semester*

**STSP 603A Studio Specialization and Research V**

This course is advanced work in the area of specialization, preparing the candidate for the thesis. The student works under the supervision of a major faculty advisor and in consultation with professional specialists in an area outside of the department.

*Credits: 6*

*Every Semester*

## DEPARTMENT OF MEDIA ARTS

Phone: 516 299-2382

Website: [www.liu.edu/post/mediaarts](http://www.liu.edu/post/mediaarts)

Chair: Professor Fowles

Professors: Carlomusto, Dodrill, Jasen

Associate Professors: Bertozzi, Dress

Assistant Professor: Mardenfeld

Adjunct Faculty: 12

The Department of Media Arts prepares students for dynamic and rewarding careers in radio, television, advertising, journalism, public relations, new media, and digital game design. We offer a strong foundation in media theory, ethics, culture and history as well as access to cutting-edge technologies and practical work experiences. The Department offers an M.A. in Digital Game Design and Development that is a unique opportunity to prepare students for careers in interactive media. The program provides students with the technical, creative and collaborative skills necessary to enter the professional world of digital game design and other interactive media.

### M.A. in Digital Game Design and Development

The Master of Arts in Digital Game Design and Development is an innovative 36-credit interdisciplinary program that provides students with the technical, creative and collaborative skills necessary to enter the professional world of game and other interactive media design. The degree offers a comprehensive and intensive study of the nature and process of digital game design and the underlying principles of human game play. The project-based curriculum allows students to focus on developing skill sets in computer programming, art/graphics or interface/content development while collaborating with others in the cohort on large-scale team projects. Students are encouraged to do internships at game development companies in New York City. In addition to game development, the program stresses the following elements essential to success in the industry: storyboarding, paper prototyping, usability testing, and project management. Students will be taught how to write grant proposals and approach venture capital to support their work and encouraged to collaborate with business faculty on marketing and disseminating their thesis projects.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Arts in Digital Game Design and Development must meet the following requirements for admission.

Recommended deadline for admission is May 30.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.

- Bachelor's degree and strong preparation in at least one of the 3 areas of program specialization:

#### (a) Programming for Games:

B.S. in Computer Science or the equivalent

#### (b) Visual Design for Games:

B.A. or B.F.A. in Digital Art and Design, Interactive Multimedia or the equivalent

#### (c) Game Design:

B.A. or B.F.A. in Game Design or in a related subject such as English, theatre, film, psychology or education

Students may be admitted with a more general undergraduate degree coupled with considerable practical experience, at the discretion of the Program Director.

- Personal interview with the Program Director will be required. Once your application and support materials have been reviewed, you will be contacted for an interview with the Program Director.
- Candidates for entrance to the program must have a basic level of computer literacy. They should be familiar with the PC or Macintosh platform and have experience with two or more of the following: word-processing, HTML, digital imaging, digital illustration, digital video or MIDI.
- Submit a Personal Statement that describes your work as it relates to the program, and state what you wish to accomplish in your studies here. Any relevant professional experience should also be described in this statement. A GRE is not necessary.
- Submit one piece of writing that demonstrates ability to think critically (academic paper, article, etc.) and examples of work that demonstrate competence in individual area of expertise: games, levels/mods of existing games, artwork, interface/web design, etc. Send links, DVD or flash drive.
- Submit two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

Phone: 516-299-2900

Fax: 516-299-2137

Email: [enroll@cwpost.liu.edu](mailto:enroll@cwpost.liu.edu)

### M.A. in Digital Game Design and Development

#### Required Core Courses

#### Required Digital Game Design Courses

DGD	501	Introduction to Game Design	3.00
DGD	504	Game Development 1	3.00
DGD	505	Game Development 2	3.00
DGD	511	The History of Games	3.00
DGD	625	The Game Industry	3.00

#### Elective Digital Game Design Courses

Student must take four courses (12 credits) from the following:

DGD	513	Social Game Design	3.00
DGD	525	Audio Design for Games	3.00
DGD	510	Narrative Game Design	3.00
DGD	512	Educational Game Design	3.00
DGD	520	2D Programming	3.00
DGD	522	Advanced Game Programming	3.00
DGD	524	Systems Engineering for Game Development	3.00
DGD	526	Project Management for Game Development	3.00
DGD	503	Visual Design 1	3.00
DGD	506	Visual Design 2	3.00
DGD	621	Dimensional Imaging & Animation I	3.00
DGD	622	Dimensional Imaging & Animation II	3.00

#### Required Digital Game Design Thesis Courses

DGD	707	Thesis Prototyping	3.00
DGD	708	Thesis Seminar	3.00
DGD	709	Thesis Lab	3.00

### Digital Game Design and Development Courses

#### DGD 500 Computing Scripting Fundamentals for Games (CS 500)

Students will learn the fundamentals of computer scripting languages. The course will cover basic control and data types. The native scripting language of the Adobe Flash development environment (ActionScript) will be used. This class will also cover the basics of frame-based animation using the Flash environment in conjunctions with ActionScript.

*Pre requisite of DGE 505 is required*

*Credits: 3*

*Annually*

**DGD 501 Introduction to Game Design**

Students will play many kinds of games and learn how to critically analyze play environments. Course readings range from German philosophers to current game theorists. Students will research player experience, the changing content of games, and the effects of playing games on players. The results of research are then used to develop new games. Course is writing-intensive; requiring two research papers and a game design document.

*Credits: 3*

*Every Fall*

**DGD 503 Visual Design 1 ( IMA 503)**

This course will start with an introduction to the basic qualities of interactive software, 2 dimensional graphic design software and basic programming (ActionScripting). Course instruction will be on a variety of software used to create interactive products. Students will gain knowledge of diverse forms of digital games dealing with the areas of information, education, promotion, art and entertainment.

*Credits: 3*

*Annually*

**DGD 504 Game Development 1**

This hands-on workshop teaches the fundamentals of game and other interactive media design using software that allows for interactivity through web browsers, tablets, phones and other platforms. Students learn the basics of object-oriented programming and how to use it to build compelling interactive environments. Focus is on how to storyboard, paper prototype, test and build games that integrate text, audio, video and other kinds of content. Students will write and conduct usability tests and learn how to constructively critique each other's work.

*Credits: 3*

*Every Fall*

**DGD 505 Game Development 2**

In Game Development 2, students will spend the entire semester making a single digital game. Working in small groups, students will develop an original concept, prepare design documentation, and then iteratively create the game from prototype to alpha and beta versions, and then to a final version. Students will choose the platform and tools for their game, although a handful will be recommended. In addition to game production skills, a second focus of the course is management of the process of game development. Each team will learn about production schedules, risk management, formal play-testing methods, bug tracking, and other important aspects of managing a game project. The end result of the course will be a fully playable small-scale game. Students will also create a personal portfolio that showcases their own and their group work.

*Pre requisite of DGD 504 is required*

*Credits: 3*

*Annually*

**DGD 506 Visual Design 2 ( IMA 605)**

This course will start with an introduction to file management on Macintosh computers. Students will gain a basic proficiency in the industry standard software, Autodesk Maya 3D. Emphasis will be placed on principles of 3D design techniques for animation and interactive media. This course will conclude with an introduction to 3D character development, rigging and animation for both the movie and gaming environments.

*Pre requisite of DGD 503 is required*

*Credits: 3*

*Annually*

**DGD 510 Narrative Game Design**

Narrative is an important framework for understanding how games create meaningful experiences for players. This game design course will investigate the intersection of games and storytelling through the study and creation of game narratives. It will look at the ways that games uniquely tell stories through their status as participatory, dynamic systems. Students will write analytical papers, game scripts and create playable prototypes using XHTML/CSS and HTML5.

*Credits: 3*

*Annually*

**DGD 511 The History of Games**

This course gives students an understanding of games as a designed, cultural form. It covers the entire history of games, from the earliest board games and sports through the latest videogames, although the emphasis is on digital games. The course draws readings from game studies that look at games and play from both humanities and social science perspectives. Students will also learn to look at games as designed experiences, discussing what does and does not make for a successful game. Assignments will consist of written papers and presentations.

*Credits: 3*

*Annually*

**DGD 512 Educational Game Design**

Although most games are designed for purposes of pure entertainment, increasingly games are designed for educational ends as well. This includes the design of games for school curricula, games for social and political activism, and games for training purposes. How is the fun of a game balanced with its educational needs? What are the best topics and subjects for educational games to take on? How exactly do games teach their players? This course will look at the challenges of creating educational games through the creation and analysis of actual games.

*Pre requisites of DGD 501 and DGD 504 are required*

*Credits: 3*

*Annually*

**DGD 513 Social Game Design**

Games are traditionally social experiences. For the thousands of years of game history before the

computer, people played games in part because it brought them together for a social experience. The advent of computer games has created even more ways for people to interact through games, mediated by technology, across vast distances. This course will explore the social component of game design, focusing on how to create meaningful experiences for large numbers of players both on and off the computer. This includes an exploration of massively multiplayer online games as well as low-tech street games and big urban games.

*Pre requisite of DGE 505 is required*

*Credits: 3*

*Annually*

**DGD 520 2D Game Programming (CS 520)**

Using an object-oriented language and a low level game engine, students will create 2D games based on established specifications. Students will apply data structures and algorithmic development to different scenarios based on existing game structures. The course assumes a proficiency in C# as well as background in CS up to, and including, data structures (stacks/queues, dictionary, hash, trees and graphs).

*Credits: 3*

*Annually*

**DGD 522 Advanced Game Programming (CS 522)**

This course involves advanced game programming techniques associated with 3D game programming. Topics include object rendering, terrain generation and skyboxing, perspectives of camera views, audio effects, lighting, and physical phenomena representation. Students will create a 3D game that incorporates these elements.

*Pre requisite of DGD 520 is required*

*Credits: 3*

*Annually*

**DGD 524 Systems Engineering for Game Development (CS 524)**

This course applies the concepts of Systems Engineering to the game development life cycle. Successful systems integration begins with appropriate decisions for platforms, hardware and software. Students will learn to plan and control the scope of a game project defined by user and system requirements. Quality control involves the testing of the game program against those requirements. The students will perform both unit and integration testing as well as understand the role of alpha and beta testing in achieving a quality game.

*Pre requisite of DGE 505 is required*

*Credits: 3*

*Annually*

**DGD 525 Audio Design for Games**

This course gives students an understanding of the role that audio plays in digital games and other interactive environments, and provides them with the technical skills to create and deliver audio in a contemporary professional environment. Students will learn how audio interacts with narrative and

visual components to create a satisfying user experience. Assignments will consist of individual student production of audio appropriate for digital games.

*Pre requisite of DGE 505 is required*

*Credits: 3*

*Annually*

#### **DGD 526 Project Management for Game Development (CS 526)**

This course applies the concepts of Systems Engineering to the game development life cycle. Successful systems integration begins with appropriate decisions for platforms, hardware and software. Students will learn to plan and control the scope of a game project defined by user and system requirements. Quality control involves the testing of the game program against those requirements. The students will perform both unit and integration testing as well as understand the role of alpha and beta testing in achieving a quality game.

*Pre requisite of DGE 505 is required*

*Credits: 3*

*Annually*

#### **DGD 621 Advanced 3D Animation 1 (CGPH 21)**

This course explores intermediate techniques in digital 3D modeling and animation with Autodesk Maya 3D. Emphasis will be placed on environments and character development. Students will be encouraged to explore a personal animation style.

*Pre requisites of DGD 505 and DGD 506 are required.*

*Credits: 3*

*Annually*

#### **DGD 622 Advanced 3D Animation 2**

This course explores advanced techniques in digital 3D modeling and animation for games and interactive media. With Autodesk Maya 3D, and its peripheral applications, students will be versed in creating environments, particle systems and animated characters. Emphasis will be placed on the synthesis of these components in the game environment.

*Pre requisites of DGD 505 and DGD 621 are required.*

*Credits: 3*

*Annually*

#### **DGD 625 The Game Industry**

This course looks at the business aspects of the game industry. Students will complete readings and analyses on the economic history of digital games, and will examine game funding, distribution, regulation, marketing, public relations and business models for games. Visiting lectures from professionals in the game and media companies in NYC are an important part of the class. The class is writing intensive and will require students to develop their writing skills to meet standards for business proposals and grant writing success.

*Credits: 3*

*Annually*

#### **DGD 707 Thesis Prototyping**

This course is the first semester of the yearlong thesis project. Students have already begun working on their projects in Game Dev. 2. This semester is spent on further developing and prototyping the thesis game. The goal is to end the semester with an actual, playable prototype for each game. Because this course introduces players to larger digital game development, time is also spent on project planning, risk management, and production scheduling. The semester ends with a working prototype and production plan for a thesis project to be completed in the spring.

*Pre requisite of DGD 505 and two core requirements in each student's specific track (Game Design, Programming or Visual Design)*

*Credits: 3*

*Annually*

#### **DGD 708 Thesis Seminar**

The thesis seminar is the capstone of the thesis process in the second semester of the final year. In this course, students work closely with the instructor, who oversees and troubleshoot their projects in a weekly discussion group where they share their work with peers in a critique context. During the thesis seminar, students not only create their game, but also prepare to share it with the public, creating a website, launch schedule, and PR plans. The thesis seminar is also the setting for a formal presentation of projects at the end of the semester.

*Pre requisite of DGD 707 is required.*

*Credits: 3*

*Annually*

#### **DGD 709 Thesis Lab**

The Thesis Lab is a corollary class to the Thesis Seminar. The Thesis Lab provides work times for the students collaborating on thesis projects to work together in a lab facility. The Thesis Lab includes all of the collaborative work relating to the creation of the thesis game, including the design and production process, playtesting, and the creation of a launch plan and website.

*Pre requisite of DGD 707 is required.*

*Credits: 3*

*Annually*



## DEPARTMENT OF MUSIC

Phone: 516-299-2474

Fax: 516-299-2884

Website: [www.liu.edu/post/music](http://www.liu.edu/post/music)

Chair: James McRoy, D.A., Director of Bands

Professors: Chinn, Golden, McRoy, Watt

Associate Professors: Miceli, Wright

Assistant Professors: Rhynie (T.K. Blue), Shapiro

Adjunct Faculty: 68

The Department of Music provides a dynamic, intensive and supportive environment that will nurture your talent as a performer, music educator or scholar. The Department offers courses leading toward an M.A. degree (with concentrations in Music Theory and Composition, and in Music History and Literature) and an M.S. degree in Music Education (Birth to Grade 12). In addition to their academic involvement, graduate students are encouraged to participate in the rich performance and concert life of the department.

Our conservatory-style program, within a liberal arts university, brings you a diverse array of performance and academic opportunities. We offer a full curriculum of bachelor's and master's degree programs taught by more than 70 nationally and internationally recognized performers, conductors, composers, researchers and music educators. The Department of Music offers a variety of public performance opportunities to showcase student skills and talents, including solo student recitals, workshops, master classes and concerts both on Campus and at major concert halls in New York City and abroad. Performance majors enjoy vibrant careers as composers, performers in Broadway shows, members of major orchestras and opera companies, and music scholars and researchers.

### M.A. in Music

#### CONCENTRATION IN THEORY AND COMPOSITION

The 36-credit Master of Arts degree in Music with a concentration in Theory and Composition offers an in-depth study of tonal and atonal harmony, form, arranging, orchestration, and development of an individual's compositional technique. The rich array of courses taught by our outstanding faculty of professional musicians and educators ranges from "Polyphonic and Harmonic Analysis" and "Orchestration" to "Jazz Composition and Arranging" and "Music Notation at the Computer." A thesis is required to complete this degree program. An acceptable large-scale musical composition may be submitted to satisfy this requirement.

The degree prepares students for a wide variety of careers including music historian, solo or group performer, accompanist, chamber musician/singer, studio musician, composition/theory specialist, music educator, music technology specialist, private school teacher, private studio instructor or

music producer.

As a student in this program, you will work with faculty members who are active musicians with flourishing professional careers and extensive networking connections in the music world. In addition, you will have access to workshops and master classes conducted by high-profile musical artists from across the country and around the world. Music majors also perform on national and international tours organized and led by their professors. You also will have the opportunity to participate in one or more of LIU Post's 16 ensembles, including groups that specialize in contemporary, traditional and early music styles.

#### Admission Requirements

Applicants to the Master of Arts with a concentration in Theory and Composition must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Have an undergraduate major in music or must have a minimum of 36 credits in music classes
- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate studies or successful completion of another master's degree. Applicants who do not meet this academic requirement will be reviewed individually by the program director. Based on a review of all credentials, students may be offered limited matriculation status.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Appear before a faculty member or panel, either individually or as a participant in a group situation, for assessment of interpersonal and musicianship skills.
- Submit a current résumé
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

#### CONCENTRATION IN HISTORY AND LITERATURE

The 36-credit Master of Arts in Music with a concentration in History and Literature explores the evolution of musical styles, both instrumental

and vocal, and cultural developments that influenced Western and world music. Both comprehensive historical surveys as well as advanced studies in specialized areas of musicological research are taught. The degree prepares students for a wide variety of careers including music historian, solo or group performer, accompanist, chamber musician/singer, studio musician, composition/theory specialist, music educator, music technology specialist, private school teacher, private studio instructor or music producer.

As a student in this program, you will work with faculty members who are active musicians with flourishing professional careers and extensive networking connections in the music world. In addition, you will have access to workshops and master classes conducted by high-profile musical artists from New York City and around the world. Music majors also perform on national and international tours organized and led by their professors. You also will have the opportunity to participate in one or more of LIU Post's 16 ensembles, including groups that specialize in contemporary, traditional and early music styles.

#### Admission Requirements

Applicants to the Master of Arts with a concentration in Music History and Literature must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Have an undergraduate major in music or must have a minimum of 36 credits in music classes
- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate studies or successful completion of another master's degree. Applicants who do not meet this academic requirement will be reviewed individually by the program director. Based on a review of all credentials, students may be offered limited matriculation status.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Appear before a faculty member or panel, either individually or as a participant in a group situation, for assessment of interpersonal and musicianship skills.
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Send application materials to:  
 Graduate Admissions Office  
 LIU Post  
 720 Northern Boulevard  
 Brookville, N.Y. 11548-1300

**CONCENTRATION IN PERFORMANCE**

The 36-credit Master of Arts in Music with a concentration in Performance is geared toward candidates with strong background in solo instrumental, vocal, or conducting performance. This plan of study is based substantially on courses and activities with performance emphasis.

Advanced instruction in applied music, coaching, conducting, master classes and workshops are offered as well as opportunities in solo, chamber, and various large ensemble performances. The degree prepares students for a wide variety of careers including music historian, solo or group performer, accompanist, chamber musician/singer, studio musician, composition/theory specialist, music educator, music technology specialist, private school teacher, private studio instructor or music producer. As a student in this program, you will work with faculty members who are active musicians with flourishing professional careers and extensive networking connections in the music world. In addition, you will have access to workshops and master classes conducted by high-profile musical artists from New York City and around the world. Music majors also perform on national and international tours organized and led by their professors. You also will have the opportunity to participate in one or more of LIU Post's 16 ensembles, including groups that specialize in contemporary, traditional and early music styles.

**Admission Requirements**

Applicants to the Master of Arts in Music History and Literature must meet the following requirements for admission.

- Application for Admission.
- Application fee: \$40 (non-refundable).
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Have an undergraduate major in music or must have a minimum of 36 credits in music classes
- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate studies or successful completion of another master's degree. Applicants who do not meet this academic requirement will be reviewed individually by the program director. Based on a review of all credentials, students may be offered limited matriculation status.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Submit a current résumé

- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

Send application materials to:  
 Graduate Admissions Office  
 LIU Post  
 720 Northern Boulevard  
 Brookville, N.Y. 11548-1300

**Auditions for Admission**

An audition is required for those candidates pursuing the M.A. in Music with a Concentration in Performance. Audition dates are available on the Department of Music home page. Alternate dates can be made by appointment. Call 516-299-2475 or e-mail music@cwpost.liu.edu. Auditions are held in the LIU Post Fine Arts Center. You can register to audition by completing the online Audition Registration Form on the department website, www.liu.edu/post/music. You can also register by phone at 516-299-2475.

**Audition Requirements**

Professional attire is expected.

**For Instrumentalists:**

- Two pieces of contrasting styles. These could be two complete pieces or individual movements from two different works.
- Major scales
- Sight-reading

**Percussionists:**

Audition repertoire should include: (1) advanced snare drum solo; (2) two-mallet keyboard piece (marimba, xylophone, or vibraphone); (3) two-drum timpani piece

**For Vocalists:**

- Two pieces of contrasting styles. One selection must be in a language other than English. The other classical selection may be in English if desired.
- Exploration of vocal range and aural abilities.
- An accompanist will be provided if you require one, or you may bring your own accompanist if you wish.

**M.A. in Music Major Requirements  
 Required Music Course for all Sub-Plans**

MUS 608 Seminar in Musicology 3.00

**Music History & Literature Sub-Plan  
 Requirements**

**Elective Music History & Literature Courses**

**Four of the following:**

MUS 540 Criteria For Musical Performance 3.00  
 MUS 600 Opera History 3.00  
 MUS 601 Seminar in the History of Music I 3.00  
 MUS 602 Seminar in the History of Music II 3.00

MUS 603 Seminar in the History of Music III 3.00  
 MUS 604 Seminar in the History of Music IV 3.00  
 MUS 605 The Role of the Symphony in the History of Music 3.00

**Elective Music Theory & Composition Courses  
 Two of the following:**

MUS 518 The Study of Musical Form 3.00  
 MUS 520 Jazz Composition and Arranging 3.00  
 MUS 611 Polyphonic and Harmonic Analysis 3.00  
 MUS 613 Seminar Harmony and Counterpoint 3.00  
 MUS 616 Analysis Of 20th Century Music 3.00  
 MUS 619 Seminar In Composition 3.00  
 MUS 645 Orchestration 3.00

**Required Music Thesis Courses**

MUS 707 Research Methods 3.00  
 MUS 708 Thesis Seminar 3.00

**Elective Music Courses**

Students are required to complete 9 credits in Music in the 500, 600, or 700 series

**3.00 Cumulative G.P.A. Required.  
 The minimum Overall G.P.A. 3.00**

**Music Theory & Composition Sub-Plan  
 Requirements**

**Elective Music Theory & Composition Courses  
 Four of the following:**

MUS 518 The Study of Musical Form 3.00  
 MUS 520 Jazz Composition and Arranging 3.00  
 MUS 611 Polyphonic and Harmonic Analysis 3.00  
 MUS 613 Seminar Harmony and Counterpoint 3.00  
 MUS 616 Analysis Of 20th Century Music 3.00  
 MUS 619 Seminar In Composition 3.00  
 MUS 645 Orchestration 3.00

**Elective Music History & Literature Course  
 Two of the following:**

MUS 540 Criteria For Musical Performance 3.00  
 MUS 600 Opera History 3.00  
 MUS 601 Seminar in the History of Music I 3.00

MUS 602	Seminar in the History of Music II	3.00
MUS 603	Seminar in the History of Music III	3.00
MUS 604	Seminar in the History of Music IV	3.00

**Required Music Thesis Courses**

MUS 707	Research Methods	3.00
MUS 708	Thesis Seminar	3.00

**Elective Music Courses**

Students are required to complete 9 credits in Music in the 500, 600, or 700 series

**3.00 Cumulative G.P.A. Required.**

**The minimum Overall G.P.A. 3.00**

**Performance Sub-Plan Requirements**

**Elective Performance Courses**

**12 credits from the following:**

MUS 538A-Q	Any Ensemble Course	1.00
MUS 539	Instrumental Performance Workshop	1.00
MUS 549	Vocal Performance Workshop	1.00
MUS 659	Institutes & Workshops in Music: Chamber Music Festival	1.00-3.00
MUS 710A	Chamber Music Ensembles	1.00
MUS 545A-B	Any Studio Lesson Course	1.00-2.00
MUS 557A-D	Any Studio Lesson Course	1.00-2.00
MUS 750-788A-D	Any Studio Lesson Course	1.00-2.00
MUS 630	Any Conducting Course	1.00-
MUS 679A-B		2.00

**Elective Music History & Literature Courses**

**Two of the following:**

MUS 540	Criteria For Musical Performance	3.00
MUS 600	Opera History	3.00
MUS 601	Seminar in the History of Music I	3.00
MUS 602	Seminar in the History of Music II	3.00
MUS 603	Seminar in the History of Music III	3.00
MUS 604	Seminar in the History of Music IV	3.00

MUS 605	The Role of the Symphony in the History of Music	3.00
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**Elective Music Theory & Composition Courses**

**Two of the following:**

MUS 518	The Study of Musical Form	3.00
MUS 520	Jazz Composition and Arranging	3.00
MUS 611	Polyphonic and Harmonic Analysis	3.00
MUS 613	Seminar Harmony and Counterpoint	3.00
MUS 616	Analysis Of 20th Century Music	3.00
MUS 619	Seminar In Composition	3.00
MUS 645	Orchestration	3.00

**Required Music Thesis Courses**

MUS 707	Research Methods	3.00
MUS 708	Thesis Seminar	3.00

Free Electives (3 credits)

Can be filled with 3 credits from any other graduate music course.

**3.00 Cumulative G.P.A. Required.**

**The minimum Overall G.P.A. 3.00**

**M.S. in Music Education (B-12)**

**Joint Program with the College of Education, Information and Technology**

To teach music is to introduce children to an art form that is basic to all of humanity. But the benefits of music education go far beyond learning to sing, play and appreciate music. Cognitive development, fine motor skills, cultural awareness and increased intellectual capacity all progress from the study of music. Music education combines the joy of artistic expression with the challenge and rewards of classroom instruction.

The Master of Science in Music Education prepares professional music teachers and leaders to work with children of all ages, from infants, toddlers and preschoolers to elementary, middle and high school students in New York State. The program includes a semester of student teaching in elementary and secondary schools as well as comprehensive coursework in the social and psychological aspects of teaching and modern educational methods and materials. Students who elect to waive student teaching are required to take an additional 6 credits in lieu of student teaching and pass a comprehensive examination.

A joint program of the LIU Post College of Education, Information and Technology and School of Visual and Performing Arts, the M.S. in Music Education offers two plans of study: a 42-credit plan for initial teaching certification by the New York State Education Department and a 36-credit plan leading to professional certification, for

students with a significant background in education.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science in Music Education must meet the following requirements for admission.

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Have an undergraduate major in music or music education or must have a minimum of 36 credits in music classes
- Bachelor's degree with at least a 3.0 cumulative grade point average in undergraduate studies or successful completion of another master's degree.
- Two professional and/or academic letters of recommendation that address the applicant's potential in the profession and ability to complete a graduate program
- Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Appear before a faculty member or panel, either individually or as a participant in a group situation, for assessment of interpersonal and musicianship skills.
- Submit a current résumé
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.

**Send application materials to:**

Graduate Admissions Office  
LIU Post  
720 Northern Boulevard  
Brookville, N.Y. 11548-1300

## Music Courses

### MUS 518 The Study of Musical Form

This course is a study of the formal procedures used by composers from the 17th century to the present.

*Credits: 3*

*Alternate Spring*

### MUS 520 Jazz Composition and Arranging

This course is an introduction to concepts and techniques used in jazz arranging and composing through the study of examples taken from the works of Ellington, Thad Jones, Gil Evans and others. The student learns instrumental ranges and transpositions, rhythm section notation and re-harmonization techniques. Four- and five-part writing is explored in a project for octet. More advanced students write a big band arrangement.

*Credits: 3*

*Every Spring*

### MUS 538A Chorus

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538B Chamber Singers

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538C Madrigal Singers

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538D Vocal Jazz Ensemble

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538E Symphonic Band

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538F Orchestra

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538G Jazz Ensemble

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538H Merriweather Consort

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538I Percussion Ensemble

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538J Guitar Ensemble

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538K Brass Ensemble

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538L Flute Ensemble

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538M String Ensemble

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538N Wind Ensemble

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538O Jazz Combo

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538P Vocal Jazz Combo

Audition required.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 538Q Opera Ensemble

Introduction to the study and performance of operatic literature. The students will learn the basics of stage movement, the historic traditions of stagecraft, and then proceed to actually staging and performing solos, duets, trios, and ensembles from the operatic repertoire. Additional topics to be covered include: building a three dimensional character, coordination of singing, acting and movement; memorization and text interpretation techniques; brief overview of historic conventions and musical context for the literature chosen. The course will culminate with a staged performance.

Audition required.

*Credits: 0 to 1*

*On Occasion*

### MUS 539 Instrumental Performance Workshop

This course is a weekly forum for performance and discussion of the art of interpretation. Emphasis is placed on student performances, comparative listening, score analysis and selected readings on style and performance practice.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 540 Criteria For Musical Performance

This course includes the history of musical performance in relation to musical composition, the analytical evaluation of past and present day

performers, and the identification of present day standards of performance.

*Credits: 3*

*Every Summer*

### MUS 545A Studio Lessons: Alexander Technique

The course is an application in private format of principles covered in MUS 545, the Alexander Technique.

*Credits: 1*

*Every Fall, Spring and Summer*

### MUS 545B Studio Lessons: Alexander Technique

The course is an application in private format of principles covered in MUS 545, the Alexander Technique.

*Credits: 2*

*Every Fall, Spring and Summer*

### MUS 548 Vocal Pedagogy

This survey of pedagogical sources of singing begins with 17th century "belcanto" Italian technique and continues up through the 20th century art and science of voice. A thorough overview of the physiology and anatomy of the singing voice; discussion of acoustics for phonation and articulation and its integration with vocal diction to comprise a solid singing technique is presented. The course includes an in-depth discussion of comparative schools of thought in pedagogy and relevance to modern voice instruction.

*Credits: 2*

*Every Spring*

### MUS 549 Vocal Performance Workshop

This is a weekly master class with instructor and accompanist. Singers can use this class to present works in progress for recitals and rehearsals for opera scenes and productions.

*Credits: 0 to 1*

*Every Fall and Spring*

### MUS 550 Vocal Diction

A four semester sequence for singers, pianists and conductors.

MUS 550A Italian

MUS 550B English

MUS 550C French

MUS 550D German

*Credits: 2*

*On Occasion*

### MUS 557A Studio Lessons: Vocal Coaching

Vocal coaching lessons supplement the technical work of voice lessons allowing the student to go in-depth into repertoire, language, issues of interpretations of poetic texts and refinement of performance skills.

*Credits: 1*

*Every Fall, Spring and Summer*

### MUS 557B Studio Lessons: Vocal Coaching

Vocal coaching lessons supplement the technical work of voice lessons allowing the student to go in-depth into repertoire, language, issues of

interpretations of poetic texts and refinement of performance skills.

*Credits: 2*

*Every Fall, Spring and Summer*

#### **MUS 557C Studio Lessons: Instrumental Coaching**

To supplement the work of individual instrumental lessons, private instrumental coaching allows the student to prepare in-depth standard repertoire for performance with accompaniment.

*Credits: 1*

*Every Fall, Spring and Summer*

#### **MUS 557D Studio Lessons: Instrumental Coaching**

To supplement the work of individual instrumental lessons, private instrumental coaching allows the student to prepare in-depth standard repertoire for performance with accompaniment.

*Credits: 2*

*Every Fall, Spring and Summer*

#### **MUS 600 Opera History**

The course is the study of operatic masterpieces from the 17th to the 20th centuries.

*Credits: 3*

*Every Fall*

#### **MUS 601 Seminar in the History of Music I**

This course explores the history of music from antiquity through the Medieval/Renaissance.

*Credits: 3*

*Alternate Spring*

#### **MUS 602 Seminar in the History of Music II**

This course explores the history of music from the Baroque and Classical eras.

*Credits: 3*

*Alternate Fall*

#### **MUS 603 Seminar in the History of Music III**

This course explores the history of music for the 19th century.

*Credits: 3*

*Alternate Spring*

#### **MUS 604 Seminar in the History of Music IV**

This course explores the history of music for the 20th century.

*Credits: 3*

*Alternate Fall*

#### **MUS 605 The Role of the Symphony in the History of Music**

This course examines the history of the symphony from its origin in the 17th century to the present.

*Credits: 3*

*Every Summer*

#### **MUS 608 Seminar in Musicology**

This course is a discussion of such problems of musicology as musical bibliography, musical historiography, ethnomusicology, musical notation and performance practice. Individual research projects are assigned.

*Credits: 3*

*Every Fall*

#### **MUS 611 Polyphonic and Harmonic Analysis**

This course covers the analysis of music as it pertains to horizontal, vertical, structural and rhythmic elements. Music from various historical periods is studied.

*Credits: 3*

*Alternate Fall*

#### **MUS 613 Seminar in Harmony and Counterpoint**

This course is a review of counterpoint and harmony, allied with a study of musical form. Pertinent examples from the literature are analyzed.

*Credits: 3*

*Alternate Spring*

#### **MUS 616 Analysis of 20th Century Music**

This course is a study of structural, proportional and organizational techniques in the 20th century from Debussy to the present.

*Credits: 3*

*Alternate Fall*

#### **MUS 619 Seminar In Composition**

This course includes practical ideas and procedures of composing from a modern perspective. Both tonality and atonality are explored each semester with an emphasis on executing original compositions.

*Prerequisite of MUS 645 or permission of the instructor is required.*

*Credits: 3*

*Every Spring*

#### **MUS 621 Choral Conducting and Interpretation**

This course is the study of choral conducting and rehearsal techniques.

*Credits: 3*

*On Occasion*

#### **MUS 626 Choral Literature**

This course is a comprehensive study of materials, trends, and instructional procedures that pertain to school choral organizations. Suggested for third and fourth-year Music and Music Education majors only.

*Credits: 3*

*Every Fall*

#### **MUS 630 Conducting I**

The course covers the elements of conducting.

*Credits: 2*

*Every Fall*

#### **MUS 631 Conducting II**

Advanced problems and techniques of instrumental and choral conducting are explored.

*Credits: 2*

*Every Spring*

#### **MUS 632 Graduate Music Teaching & Learning Seminar**

This course develops a comprehensive understanding of the way children learn when they

learn music. Students apply Edwin E. Gordon's Music Learning Theory to choral, general, special needs, and instrumental music teaching and learning situations. Strategies for meeting state and national standards are included. This course is required for students seeking New York State initial teaching certification.

*Credits: 1*

*Every Fall*

#### **MUS 633 Musicianship for Music Teachers**

This music skills class is designed to prepare students for success as public school music teachers. Students will gain confidence with tonal and rhythm solfege, basic improvisation, and functional piano skills. Special emphasis is placed on keyboard harmonization, music reading and accompaniment. The Graduate Skills Competency will serve as the final examination for this course.

*Credits: 2*

*Every Fall and Spring*

#### **MUS 634 Enhancing Literacy Through Teaching Music in Special Education**

This course focuses on the knowledge of learning styles and multiple intelligence through a multi-sensory technique that will insure the successful inclusion of students with specific learning disabilities; children from diverse backgrounds and cultures; those who are physically, mentally, psychologically, socially or emotionally challenged; the twice exceptional and the talented and gifted. Students will be asked to write insights on assigned articles, books or films as the different categories of special learners while meeting the national and state standards for learning. Methods, materials and resources will be selected for each educational level, and assessment and evaluation techniques will be shared. In addition, a brief look will be given to prominent musical personalities who have championed their challenges and who serve as inspiration for excellence in the field.

*Credits: 3*

*Every Fall and Spring*

#### **MUS 635 Brass Methods**

This course is group applied instruction in the Brass family of instruments that leads to a basic level of playing competence and familiarity with each instrument in the family. Teaching methods are examined as well as the development of ensembles and the literature and materials needed for these ensembles and for group lessons.

*Credits: 1*

*Every Spring*

#### **MUS 636 Percussion Methods**

This course is group applied instruction in the Percussion family of instruments that leads to a basic level of playing competence and familiarity with each instrument in the family. Teaching methods are examined as well as the development of ensembles and the literature and materials needed for these ensembles and for group lessons.

*Credits: 1*

*Every Spring*

### **MUS 637 Woodwind Methods**

This course is group applied instruction in the Woodwind family of instruments that leads to a basic level of playing competence and a familiarity with each instrument in the family. Teaching methods are examined as well as the development of ensembles and the literature and materials needed for these ensembles and for group lessons.

*Credits: 1*

*Every Fall*

### **MUS 638 Instrumental Music Methods**

This course covers the organization, administration and implementation of instrumental activities, programs and performing groups in grades 4 to 12. Methods and materials for instrumental ensembles, band, orchestra, wind and jazz ensembles are included. Special attention is paid to rehearsal techniques, lesson planning and outcome assessment. A field-based experience that includes conducting is required.

*Credits: 2*

*Every Spring*

### **MUS 639 String Methods**

This course is group applied instruction in the String family of instruments that leads to a basic level of playing competence and a familiarity with each instrument in the family. Teaching methods are examined as well as the development of ensembles and the literature and materials needed for these ensembles and for group lessons.

*Credits: 1*

*Every Fall*

### **MUS 641 Instrumental Conducting and Interpretation**

This course is the development of instrumental conducting and rehearsal techniques and includes the study of band and orchestra scores.

*Credits: 3*

*On Occasion*

### **MUS 645 Orchestration**

This course is a study of the techniques of orchestration and instrumentation with special attention given to the properties and capabilities of the individual instruments. This course includes some exposure to the use of music notation software and a reading by a symphonic orchestra of student orchestrated material.

*Credits: 3*

*Every Fall*

### **MUS 646 Symphonic Music For Orchestra**

Audition required.

*Credits: 3*

*Every Fall and Spring*

### **MUS 647 Concert Band Literature & Materials**

Audition required.

*Credits: 3*

*Every Fall and Spring*

### **MUS 651 Teaching Music in the Elementary School**

This course is an examination of the organization and operation of general music programs in K-6. Students are required to participate in the Rompertunes Early Childhood Music Teaching and Learning Program. Classroom methods include: Orff, Kodály, Dalcroze, Gordon and Laban.

*Credits: 3*

*Every Fall*

### **MUS 652 Teaching General Music in the Middle School and High School**

This course is a study of methods necessary to teach classroom music in the secondary school utilizing the materials made available by the New York State Education Department in response to the Commissioner's regulations and the Regents' goals. *Prerequisites of EDI 600, 601, 610 or permission of the instructor are required.*

*Credits: 3*

*On Occasion*

### **MUS 657 Topics in Music**

Special topic courses in music to be determined by the instructor.

*Credits: 1 to 3*

*Every Fall, Spring and Summer*

### **MUS 658 Workshops in Music Education**

Workshops of immediate concern for school music programs, such as innovative classroom, instrumental, or choral methods, arranging for school ensembles, technology in the music classroom, instrument repair, and the relationship of music to other subject areas.

*Credits: 3*

*Every Summer*

### **MUS 659 Institutes & Workshops in Music**

Special courses offered on a one time only basis.

*Credits: 1 to 3*

*On Occasion*

### **MUS 661 History and Philosophy of Music Education**

This course explores the historical, philosophical and cultural factors that influence the development of school music programs in America. Current trends and problems in music education are investigated. Students in the seminar develop individual projects.

*Credits: 3*

*On Occasion*

### **MUS 662 Secondary Choral Music Methods**

This course covers the organization and implementation of vocal music activities, programs and performing groups in grades 7 to 12. Methods and materials for vocal ensembles and group lessons

are explored. Special attention is paid to rehearsal techniques, lesson planning and outcome assessment. A field-based experience that includes conducting is required.

*Credits: 2*

*Every Spring*

### **MUS 663 String Literature**

This course is a detailed and comprehensive study of string techniques, instructional practices and approaches that pertain to public school instrumental music programs. Suggested for third and fourth-year Music and Music Education majors only.

*Credits: 2*

*Every Fall*

### **MUS 664 Band Literature**

This course is a detailed and comprehensive study of wind and percussion techniques, instructional practices, and administrative procedures that pertain to public school instrumental music problems. Suggested for third and fourth-year Music and Music Education majors only.

*Credits: 2*

*Alternate Fall*

### **MUS 665 Marching Band Techniques**

Designed to provide the student with thorough knowledge in all aspects of the school marching band program. Students will learn program administration, including budgeting, scheduling, human resource management, and school and community relationships; show design concepts and application; visual instructional techniques; unique and specific outdoor musical instructional techniques; and support group utilization.

*Credits: 2*

*Alternate Fall*

### **MUS 671 Administration and Supervision Of Music Education**

A study of the organization, maintenance and operation of music programs in elementary, middle and high schools, including budgeting, scheduling, selecting personnel, developing courses of study, public relations and the value of public performance. Special emphasis will be given to guidelines recommended for all music education teachers by the New York State Education Department.

*Credits: 3*

*On Occasion*

### **MUS 673 Technology and Music Education**

This is an introductory course designed for Music Education majors who are new to music technology. Students learn to integrate MIDI instruments and computers at every level of music instruction. The course focuses on the applications of music technology in performance as well as in the classroom at the K-12 level.

*Credits: 2*

*Every Spring*

**MUS 679A Studio Lessons: Advanced Conducting**

Applied Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering. Lessons are scheduled before and during the first weekend of each semester. 1 Credit Lessons are 25 minutes, once a week.

*Credits: 1*

*Every Fall, Spring and Summer*

**MUS 679B Studio Lessons: Advanced Conducting**

Applied Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering. Lessons are scheduled before and during the first weekend of each semester. 2-Credit lessons are 50 minutes, once a week.

*Credits: 2*

*Every Fall, Spring and Summer*

**MUS 707 Research Methods**

This course is open to matriculated students only. The course is designed to develop research techniques and the use of music reference and research materials. The selection of a thesis topic and the completion of an approved thesis proposal are required.

*Prerequisite of MUS 608 is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

**MUS 708 Thesis Seminar**

This course is open to matriculated students only. The preparation of the thesis is taken under the guidance of the candidate's approved committee. The completed thesis is the subject of an oral examination.

*Prerequisite of MUS 707 is required.*

*Credits: 3*

*Every Fall, Spring and Summer*

**MUS 710A Chamber Music Ensembles**

Instrumentalists and select vocalists are assigned to chamber music ensembles based on their level of ability and experience. Students study and perform standard chamber music from the Baroque Period to the 20th century in ensemble combinations of trios, quartets, quintets and octets. Each chamber music ensemble meets weekly for a one hour coaching session with a music faculty member.

*Credits: 0 to 1*

*Every Fall and Spring*

**MUS 714A An Introduction to Music Technology**

This is an introductory course designed for students who are new to music technology. Students learn to use MIDI keyboards and computers to compose, arrange, perform and print music.

*Credits: 3*

*Every Fall*

**MUS 714B Music Notation at the Computer**

Using an advanced software system such as Finale, students notate music for instrumental and vocal combinations from solo to orchestral. Several methods of information input are explored. The relationship between established musical syntax and that of the software is studied. The course results in an audible professional-looking score with performable extracted parts.

*Credits: 3*

*Every Spring*

**MUS 750A Studio Lessons: Violin**

Applied Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 1 Credit Lessons are 25 minutes, once a week.

*Credits: 1*

*Every Fall, Spring and Summer*

**MUS 750B Studio Lessons: Violin**

Applied Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 2-Credit lessons are 50 minutes, once a week.

*Credits: 2*

*Every Fall, Spring and Summer*

**MUS 751A Studio Lessons: Viola**

Applied Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 1 Credit Lessons are 25 minutes, once a week.

*Credits: 1*

*Every Fall, Spring and Summer*

**MUS 751B Studio Lessons: Viola**

Applied Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 2-Credit lessons are 50 minutes, once a week.

*Credits: 2*

*Every Fall, Spring and Summer*

**MUS 752A Studio Lessons: Cello**

Applied Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson

Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 1 Credit Lessons are 25 minutes, once a week.

*Credits: 1*

*Every Fall, Spring and Summer*

**MUS 752B Studio Lessons: Cello**

Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 2-Credit lessons are 50 minutes, once a week.

*Credits: 2*

*Every Fall, Spring and Summer*

**MUS 753A Studio Lessons: Bass**

Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 1 Credit Lessons are 25 minutes, once a week.

*Credits: 1*

*Every Fall, Spring and Summer*

**MUS 753B Studio Lessons: Bass**

Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 2-Credit lessons are 50 minutes, once a week.

*Credits: 2*

*Every Fall, Spring and Summer*

**MUS 753C Studio Lessons: Jazz Bass**

Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 1 Credit Lessons are 25 minutes, once a week.

*Credits: 1*

*Every Fall, Spring and Summer*

**MUS 753D Studio Lessons: Jazz Bass**

Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering.

Lessons are scheduled before and during the first weekend of each semester. 2-Credit lessons are 50 minutes, once a week.









## DEPARTMENT OF THEATRE, FILM, DANCE AND ARTS MANAGEMENT

Phone: 516-299-2353

Fax: 516-299-3824

Website: [www.liu.edu/post/theatre](http://www.liu.edu/post/theatre)

Chair: Cara Gargano, Ph.D.

Professors: Fraser, Gild, Gargano, Porter, Zeig

Associate Professors: Halliburton-Beatty, Koshel, Sohn, Wildman

Assistant Professors: DesRochers, Robinson

Adjunct Faculty: 20

The Department of Theatre, Film, Dance and Arts Management provides intense, demanding and rigorous training for actors, directors, playwrights, designers and technicians; dancers, choreographers, teachers and musical theatre performers; company managers, stage managers, producers and agents. The Department offers an M.A. in Theatre, which lays the artistic and intellectual groundwork for professional success.

LIU Post's proximity to New York City gives students frequent opportunities to work with professional artists and to hone their skills at renowned theatres, concert halls and film studios.

### M.A. in Theatre

The 36-credit Master of Arts in Theatre emphasizes contemporary theory, pedagogy and practice. It is designed to nurture and create theatre artists who may work as actors, directors, designers, educators or other creative participants in today's theatre, and to meet the needs of students who plan to go on to the Ph.D. or M.F.A. in Theatre.

The flexible curriculum allows the student to study a variety of methodologies both experientially and through observation, and to design a course of study suited to individual needs. In addition to the core curriculum, you will be able to specialize within your area of interest through small seminars, tutorials and hands-on experience. A two-semester thesis project is required for graduation, and is individually designed for each student with a faculty mentor. This final project facilitates your passage from academia to the profession.

Candidates in the M.A. theatre program are active participants in the Post Theatre Company, which produces plays and musicals for the public and campus community. Students have access to a number of performance spaces to showcase their talents. Our beautiful suburban campus is only 50 minutes away from the theatre capital of the world – New York City. There are many opportunities to collaborate with professional playwrights, directors and producers.

#### ADMISSION REQUIREMENTS

Applicants to the Master of Arts must meet the following requirements for admission.

#### Send application materials to:

Graduate Admissions Office

LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

Fax: 516-299-2137

E-mail: [enroll@cwpost.liu.edu](mailto:enroll@cwpost.liu.edu)

#### Additional Admission Requirements

- Application for Admission
- Application fee: \$40 (non-refundable)
- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
- Bachelor's degree in theatre or a related field with an overall and major minimum 3.0 cumulative grade point average from an accredited school. Preparation for the program, in addition to theatre courses might also include coursework in art and music history, photography and design. In addition, applicants are expected to have practical experience in theatre as an actor, director, playwright or designer. Students who do not meet these requirements are welcome to discuss their options for admissions with the graduate advisor.
- Students for whom English is a second language must submit official score results of the Test of English as a Foreign Language (TOEFL). The required minimum acceptable TOEFL score is: 79 Internet-based (213 computer-based or 550 paper-based) or minimum IELTS score: 6.5.
- All applicants must interview with the chairperson; performers must audition.. Admission to the program is for the Fall semester only. The Graduate Admissions Office and the Department of Theatre, Film, Dance & Arts Management must give approval for all potential students in this program.
- All applicants must submit a Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study.
- Submit two professional and/or academic letters of recommendation from theatre instructors or professionals familiar with the applicant's theatre training and work. Recommendations must address the applicant's potential in the profession and ability to complete a graduate program.
- Students admitted to this program are reviewed by the Department of Theatre, Film, Dance & Arts Management after completion of one year of study (18 credits), and must be invited by the faculty to continue in the program. Criteria for maintaining matriculation in the program include an acceptable grade point average, along with evidence of seriousness and professionalism about the course of study. Students may be required to successfully complete a comprehensive examination on classical and modern plays at the end of their first year.

- Performers, Directors: Audition and interview
- Designers, Stage Managers: Portfolio review and interview
- Theory and history focus: Writing sample & interview

#### M.A. in Theatre Requirements

##### Required Theatre Arts Courses (21 credits)

THE	500	Current Theatre in New York	3.00
THE	502	Performance Theory III: Seminar in Classical Theatre	3.00
THE	503	Performance Theory II: Seminar in Modern Theatre	3.00
THE	505	Design Concepts for Visual Artists	3.00
THE	521	Graduate Acting I Theory, Pedagogy and Practice	3.00
THE	531	Directing	3.00
THE	590	Performance Theory & Critical Thinking I: Research Methods & Writing	3.00

##### Three Required Theatre Department Contract Courses

THE	500A	Department Contract	0.00
THE	500B	Department Contract	0.00

##### Any 3 courses in Graduate Theatre (9 credits)

##### One of the following options (6 credits):

THE	707P	Thesis - (Production)	3.00
THE	708P	Thesis (Production)	3.00
<b>OR:</b>			
THE	708W	Thesis(Written)	3.00
THE	708W	Thesis (Written)	3.00

## Arts Management Courses

### ARM 589 Advanced Independent Study in Arts Management

This course is for individual faculty guided projects. May be repeated for credit.

*Credits: 1 to 3*  
*Every Semester*

## Film Courses

### CIN 589 Advanced Individual Study in Film

This course is for individual faculty-guided projects and requires the approval of Department Chairperson. May be repeated for credit.

*Credits: 1 to 3*  
*Every Semester*

## Dance Courses

### DNC 589 Advanced Individual Study in Dance

This course is for advanced individual faculty-guided projects. The approval of the Department Chairperson is required. May be repeated for 1, 2, or 3 credits.

*Credits: 1 to 3*  
*Every Semester*

## Theatre Courses

### THE 500 Current Theatre In New York

Visits to theatrical productions in New York City. Discussion and analysis of the theatrical experience. Special ticket charge

*Credits: 3*  
*On Occasion*

### THE 500A Department Contract I

This is a graduate service contract offering the graduate student a hands-on opportunity to serve as a peer mentor, a company coach, a company publicist, or other position in support of the department and the Post Theatre Company. Required for all graduate students.

*Credits: 0*  
*Every Semester*

### THE 500B Department Contract II

This is a graduate service contract offering the graduate student a hands-on opportunity to serve as a peer mentor, a company coach, a company publicist, or other position in support of the department and the Post Theatre Company. Required for all graduate students.

*Credits: 0*  
*Every Semester*

### THE 500C Department Contract 3

This is a graduate service contract offering the graduate student a hands-on opportunity to serve as a peer mentor, a company coach, a company

publicist, or other position in support of the department and the Post Theatre Company.

Required for all graduate students.  
*Credits: 0*  
*Every Semester*

### THE 502 Performance Theory III: Seminar in Classical Theatre

This course is a seminar focusing on research in classical theatre history and dramatic literature. Emphasis is on researching specific topics related to readings and performance viewing.

*Prerequisite of THE 590 is required.*  
*Credits: 3*  
*Every Summer*

### THE 503 Performance Theory II: Seminar in Modern Theatre

This course is a seminar focusing on research in modern and contemporary theatre and drama. Emphasis is on researching specific topics related to readings and performance viewing.

*Prerequisite of THE 590 is required.*  
*Credits: 3*  
*Every Spring*

### THE 504 Technical Theatre Practices

This course is an introduction to the materials, processes and techniques for scenic construction, painting and rigging, stage lighting, sound, costumes and properties. The course includes practical experience in laboratory exercises and production. Crew requirement

*Credits: 3*  
*Every Fall*

### THE 505 Design Concepts for Visual Artists

This course presents a conceptual approach to lighting, scenic, and costume design for the actor/director/designer and includes an analysis of the designer's drawings. Communication skills in expressing concepts to designers is covered. Class projects are required.

*Credits: 3*  
*Every Fall*

### THE 508 Drafting for Designers and Technicians

This course covers engineering drawing, with special emphasis on the specifics of theatrical drafting. Floor plans, design elevations, shop drawings, sections, pictorial drawings are examined.

*Credits: 3*  
*Alternate Spring*

### THE 510 Stage Management

This course covers the principles and skills of stage management, including analysis of script, preparation of prompt book, rehearsal organization, production coordination and the running of productions. Practical crew requirement.

*Credits: 3*  
*Every Fall*

### THE 511 Theatre and Dance Management and Administration

This course is an in-depth study of management and administration principles for theatre and dance organizations: commercial, nonprofit, educational, repertory, touring. Includes production guidelines, budgeting, development, promotion, business records and resources. Individual projects are required.

*Credits: 3*  
*Alternate Fall*

### THE 521 Graduate Acting I Theory and Practice

This is a seminar and lab course offering the advanced student both the opportunity to observe acting pedagogy in practice, as well as participate in an acting class.

*Prerequisite of Theatre M.A. status or its equivalents are required.*  
*Credits: 3*  
*Every Fall*

### THE 521A Grad Acting Lab I

Observation and participation in undergraduate acting courses as a teaching assistant.

*Co-requisite of THE 521 is required.*  
*Credits: 0*  
*Every Fall and Spring*

### THE 521B Grad Acting Lab II

Observation and participation in undergraduate acting courses as a teaching assistant.

*Co-requisite of THE 521 is required.*  
*Credits: 0*  
*Every Fall and Spring*

### THE 522 Graduate Acting II: Theory Pedagogy & Practice

This is a seminar and lab course offering the student both the opportunity to observe acting pedagogy in practice, as well as participate in an acting class. The primary acting pedagogy studied is the Stanislavski Method, and the student will study exercises and techniques associated with the method, as well as create original exercises. May be repeated four times for credit.

*Prerequisite of Theatre M.A. status or its equivalents are required.*  
*Credits: 3*  
*Every Spring*

### THE 531 Directing

This course is a study and practicum in directing for the theatre. Students concentrate on blocking, stage movement, and the creation of theatrical images in various kinds of spaces. Course work involves directing scenes and short plays, and focusing on work with the actors. May be repeated for credit.

*Credits: 3*  
*Every Spring*

### THE 533 Production Laboratory

This course is an intensive experience in theatrical production for public performance. Students act,

direct, or fulfill staff responsibilities in the productions of the Post Theatre Company. May be repeated for credit.

*Credits: 1*

*Every Semester*

#### **THE 534 Production Laboratory**

This course is an intensive experience in theatrical production for public performance. Students act, direct, or fulfill staff responsibilities in the productions of the Post Theatre Company. May be repeated for credit.

*Credits: 1*

*Every Semester*

#### **THE 535 Production Laboratory**

This course is an intensive experience in theatrical production for public performance. Students act, direct, or fulfill staff responsibilities in the productions of the Post Theatre Company. May be repeated for credit.

*Credits: 3*

*Every Semester*

#### **THE 536 Production Laboratory**

This course is an intensive experience in theatrical production for public performance. Students act, direct, or fulfill staff responsibilities in the productions of the Post Theatre Company. May be repeated for credit.

*Credits: 1*

*Every Semester*

#### **THE 537 Production Laboratory**

This course is an intensive experience in theatrical production for public performance. Students act, direct, or fulfill staff responsibilities in the productions of the Post Theatre Company. May be repeated for credit. Must be taken when performing for the PTC.

*Credits: 1*

*Every Semester*

#### **THE 540 Beginning Suzuki Technique**

A studio course on Suzuki movement technique and theory (focus, stillness, creating an inner world and an intense physical life on stage), with special emphasis on connecting the training to preparation for rehearsal and performance.

*Credits: 3*

*Every Spring*

#### **THE 541A Speech**

A studio course focusing on the practice of American Stage Standard Speech, including the study of the International Phonetic Alphabet and dialect work.

*Credits: 3*

*Every Spring*

#### **THE 541B Voice**

This course focuses on the use of the vocal instrument. Through exercises, based primarily on Linklater technique, the student explores the relationship of breath to the text and acquires the

knowledge to care for and maintain vocal health and production.

*Prerequisite of Theatre M.A. status or its equivalents are required.*

*Credits: 3*

*Every Fall*

#### **THE 542 Advanced Suzuki**

The goals of this class are to find and synthesize approaches to the generation of new theatrical material which are guided by the physical, aided by the intellect, and inspired by the emotive; to use the voice as an extension of the body and sound as a physical impulse instead of the means to convey thought; to explore individual expression of the human experience, firstly by means of the physical self, and then adding the spoken word. The primary physical technique employed is the Suzuki Method complemented by other techniques. Focus on physical vocal training and compositional work.

Fall, 3 credits

*Prerequisite of THE 540 or 51 or its equivalent is required.*

*Credits: 3*

*Every Fall*

#### **THE 544 Acting for Film & Television**

Techniques for acting on camera for film and television.

*Prerequisite of THE 521 is required.*

*Credits: 3*

*On Occasion*

#### **THE 549 History Of Style**

A survey of costume, architecture and décor of the major periods of western civilization from pre-history to the present time with an emphasis on the source of research needed for design. Visits to galleries, museums, libraries and historical sites. Extensive research required.

*Credits: 3*

*Alternate Fall*

#### **THE 561 Lighting Design**

This course is a practical approach to problems in design and emphasizes production experience. The course includes portfolio development and criticism.

Design assignment is required.

*Credits: 3*

*Alternate Fall*

#### **THE 563 Scene Design**

This course presents a practical approach to problems in design by emphasizing production experience. Portfolio development and criticism is included. Design assignment is required.

*Credits: 3*

*Alternate Fall*

#### **THE 564 Scenic Painting**

This course is a practical approach to scene painting, and includes techniques from the simplest to trompe l'oeil.

*Credits: 3*

*On Occasion*

#### **THE 565 Costume Design**

An advanced exploration of the principles and procedures of costume design for theatre and dance. Includes examination and practical application of the process of script analysis for the designer through design projects, with sketch development, color control, presentation and construction of costumes. A study of the history of clothing is included. Extensive reading, research and individual projects are required.

*Prerequisite of THE 504 & 505 is required.*

*Credits: 3*

*Every Fall*

#### **THE 566 Make-Up and Mask**

Practical instruction in make-up techniques in theatre, film, dance, and television. The function of make-up is initially explored through mask work. Design for the Theatre, Film and Dance process, production styles, sketch development and make-up techniques are then studied through demonstration and individual application.

*Prerequisite of THE 504 & 505 is required.*

*Credits: 3*

*Every Spring*

#### **THE 580 Contemporary Musical Theatre Seminar**

This course offers opportunities for practical work in musical theatre

*Credits: 3*

*Every Fall*

#### **THE 589 Advanced Individual Study - Theatre**

This course is for individual faculty-guided projects. The approval of the Department Chair person is required. May be taken for 1 to 3 credits. May be repeated for credit.

*Credits: 1 to 3*

*Every Semester*

#### **THE 590 Performance Theory & Critical Thinking I: Research Methods & Writing**

This course introduces the graduate student to the methods and materials of intensive theatre research from a performance studies perspective. The course focuses on how to watch, analyze, and think about performance, culminating in an annotated bibliography, and a research paper.

*Prerequisite of Theatre M.A. status or its equivalents are required.*

*Credits: 3*

*Every Fall*

#### **THE 599 Theatre Internship**

This course provides practical hands-on experience under the guidance of professionals in active theatre companies off campus. Internship assignments are made in consultation with graduate faculty and must fulfill specific criteria.

*Credits: 3*

*On Demand*

**THE 605 Theatre as a Learning Tool**

This course includes drama techniques for classroom use. A one-week intensive workshop introducing the philosophies underlying drama/theatre education and the tools with which classroom teachers can implement that philosophy into the classroom.

*Credits: 3*

*On Occasion*

**THE 707P Thesis - (Production)**

This is the research semester of the two-semester production thesis option for masters candidates in theatre.

*Credits: 3*

*Every Semester*

**THE 707W Thesis (Written)**

This is the research semester of the two-semester written thesis option for masters candidates in theatre.

*Credits: 3*

*Every Semester*

**THE 708P Thesis(Production)**

This is the second semester of the two-semester production thesis option for masters candidates in theatre.

*Credits: 3*

*Every Semester*

**THE 708W Thesis (Written)**

This is the second semester of the two-semester written thesis option for masters candidates in theatre.

*Credits: 3*

*Every Semester*

## SCHOOL OF CONTINUING EDUCATION / ACADEMY OF LIFELONG LEARNING

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To help members of the local community reach their full potential, LIU Post is pleased to introduce the Academy of Lifelong Learning. Unique to our region in its breadth, the new Academy of Lifelong Learning provides outstanding opportunities for adults of all ages and walks of life to hone their skills, obtain professional certification and satisfy their intellectual curiosity. The academy provides classroom and studio courses, workshops, lectures and seminars in liberal arts and sciences, along with vocational and professional preparation, and an array of enrichment programs for personal growth. Programs are offered throughout the year in historic Lorber Hall and throughout LIU Post.

The Academy of Lifelong Learning includes:

- The School of Continuing Education, with more than 10 institutes and special programs offering non-credit courses, certification programs and hands-on workshops.
- The Hutton House Lectures, featuring perpetually popular courses taught by renowned practitioners and educators in the liberal arts, sciences, visual and performing arts.

The academy also participates in additional lifelong learning programs in cooperation with the many professional schools and programs at LIU Post.

The Academy of Lifelong Learning is founded on the principle that learning is for everyone, at every stage of life. Whether you wish to explore a new vocation or avocation, take your career to the next level, or just become better informed, the Academy of Lifelong Learning at LIU Post can help you transform your life.

For information about lifelong learning opportunities at LIU Post, visit our website at [www.liu.edu/post/ce](http://www.liu.edu/post/ce) or call us at 516-299-2236.

**BLENDED AND ONLINE LEARNING PROGRAMS AT LIU**

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Technology-enhanced, blended and online learning are an important part of fulfilling LIU's mission of access and excellence in higher education. These courses and programs are delivered through the University's Blackboard Learning Management System, which enables students to complete their online coursework at any time of day and at any place in the world there is an Internet connection. LIU's blended learning programs feature classes that include both face-to-face and online components, reducing the amount of time students need to be physically on campus while still reaping the benefit of meeting in person with professors and other professionals.

The University currently offers the following degree and certificate programs in the blended or online learning format:

**LIU Brooklyn**

Advanced Certificate, Bilingual Education\*  
Advanced Certificate, Educational Leadership  
B.S. Nursing (R.N. to B.S. track)  
M.S. Adult Nurse Practitioner  
M.S. Computer Science  
M.S. Family Nurse Practitioner  
M.S. and Advanced Certificate, Human Resources Management  
M.S. Nurse Educator

**LIU Post**

Advanced Certificate, Archives & Records Management\*  
Advanced Certificate, Mobile GIS Applications Development\*  
Certificate, Health Information Management\*  
M.S. Accountancy  
M.S. Environmental Sustainability  
M.S. Library & Information Science/School Library Media  
M.S. and Advanced Certificate, Nursing Education  
M.S. Taxation

**LIU Hudson**

Advanced Certificate, Bilingual Extension\*  
Advanced Certificate, Bilingual Special Education\*  
Advanced Certificate, Cyber Security for Business Professionals\*  
Advanced Certificate, TESOL\*  
Advanced Certificate, TESOL: Special Education\*

**LIU Riverhead**

M.S. and Advanced Certificate, Homeland Security Management\*  
Advanced Certificate, Cyber Security Policy\*

Our programs are accredited by the Middle States Commission on Higher Education and are registered with the New York State Education Department. For additional program information, please consult the appropriate academic department pages of the campus bulletin.

*\*Denotes a fully online program.*



**APPROVED PROGRAMS - LIU POST**

**New York State Education Department Inventory of Registered Programs**

Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards.

**College of Education, Information and Technology**

Major	Hegis Code	Degree
Adolescence Education (7-12)	0803	MS
Adolescence Ed: English / English	0803	BS/MA
History / Adolescence Ed	2205.01	BA/MS
Adolescence Ed: Mathematics / Applied Mathematics	1701.01	BS/MS
Adolescence Ed: Spanish / Spanish	1105.01	BS/MA
Adolescence Education: (English, Spanish, 5-6 Ext, Biology, Earth Science, Mathematics, or Social Studies)	0803	MS
Adolescence Ed: Biology	0401.01	BS
Adolescence Ed: Chemistry	1905.01	BS
Adolescence Ed: Earth Science	1917.01	BS
Adolescence Ed: English	1501.01	BS
Adolescence Ed: French	1102.01	BS
Adolescence Ed: Italian	1109.01	BS
Adolescence Ed: Mathematics	1701.01	BS
Adolescence Ed: Social Studies	2201.01	BS
Adolescence Ed: Spanish	1105.01	BS
Archives & Records Management	1699	Adv.Crt.
Art Education "B-12"	0831	BFA, MS
Childhood Ed, Initial Certification	0823	BS
Childhood Ed	0802	MS
Childhood / Special Education	0808	MS
Childhood Teaching Literacy B-6	0830	MS
Computer Science	0702	BS

Educational Leadership	0828	MSEd, Adv.Crt.
Health Education	0535	BS
Health Education and Physical Education	0837	BS
Early Childhood Education	0823	BS, MS
Educational Technology	0899	MS
Information Mgmt & Technology	0799	BS
Information Mgmt & Technology / Information Technology Education	0799	BS/MS
Information Technology Education	0799	MS
Information Studies	0702	Ph.D.
Information Systems	0702	BS, BS/MS, MS
Interdisciplinary Educational Studies	0899	Ed.D.
Library and Information Science	1601	MS
Library and Information Science / School Library Media	0899.01	MS
Literacy: Birth-Grade 6	0830	MS
Management Engineering	0913	MS
Clinical Mental Health Counseling	2104.1	MS, Adv.Ct.
Middle Childhood Education: (English, Spanish, Biology, Earth Science, Mathematics, or Social Studies)	0804	MS
Music Education "B-12"	0832	BM, MS
Physical Education	0835	BS
Public Library Administration	1601	Adv.Crt.
School Counselor	0826.01	MS
School District Business Leader	0827	MSEd, Adv.Crt.
Special Education	0808	MSEd
Speech-Language Pathology and Audiology	1220	BS
Speech-Language Pathology	1220	MA
Teaching English to Speakers of Other Languages (TESOL)	1508	MA

**College of Liberal Arts and Sciences**

Major	Hegis Code	Degree
Adolescence Education (7-12) (English, Spanish, 5-6 Ext, Biology, Earth Science, Mathematics, or Social Studies)	0803	MS
American Studies	0313	BA
Applied Behavior Analysis	2099	Adv.Crt.
Applied Mathematics	1703	MS
Applied Mathematics with Computer Science	1703	BS
Biology	0401	BA, BS, MS
Adolescence Ed: Biology	0401.01	BS
Chemistry	1905	BA, BS
Adolescence Ed: Chemistry	1905.01	BS
Clinical Psychology	2003	Psy.D.
Comparative Languages	1101	BA
Criminal Justice	2105	BA, BA/MS, MS
Criminal Justice - Security Administration	2105	MS
Earth Science	1917	MS
Adolescence Ed: Earth Science	1917.01	BS
Economics	2204	BA
English	1501	BA, MA
Adolescence Ed: English	1501.01	BS
Adolescence Ed: English / English	0803	BS/MS
Environmental Sustainability	0115	MS
Forensic Science	1999.2	BS
French	1102	BA
Adolescence Ed: French	1102.01	BS
Genetic Counseling	0422	MS
Geography	2206	BA
Geology	1914	BA, BS
History	2205	BA, MA
History / Adolescence Ed	2205.01	BA/MS
Interdisciplinary Studies	4901	BA, BS, MA, MS
International Studies	2210	BA

International Studies / Business Administration	2210 / 0506	BA/MBA
Italian	1104	BA
Adolescence Ed: Italian	1109.01	BS
Mathematics	1701	BA, BS
Adolescence Ed: Mathematics	1701.01	BS
Mathematics for Secondary School Teacher	1701.01	MS
Adolescence Ed: Mathematics /Applied Mathematics	1701.01	BS/MS
Mathematics and Physics	1799	BS
Middle Childhood Education (English, Spanish, Biology, Earth Science, Mathematics or Social Studies)	0804	MS
Mobile GIS Applications Development	0799	Adv. Crt.
Philosophy	1509	BA
Physics	1902	BA
Political Science	2207	BA, BA/MA, MA
Political Science / Public Administration	2207 / 2102	BA/MPA
Psychology	2001	BA, BS, MA
Sociology	2208	BA
Adolescence Ed: Social Studies	2201.01	BS
Spanish	1105	BA, MA
Adolescence Ed: Spanish	1105.01	BS
Adolescence Ed: Spanish /Spanish	1105.01	BS/MA

**College of Management**

Major	Hegis Code	Degree
Accountancy	0502	BS, BS/MS,BS/MBA, MS
Business Administration	0506	BS, BS/MBA, MBA, Adv.Crt.
Gerontology	2299.1	Adv.Crt.
Health Care Administration	1202	BS, BS/MPA, MPA
Health Care Administration and Law (with Tuoro Law Center)	1202 / 1401	MPA/JD

Non-Profit Management	2102	Adv.Crt.
Political Science / Public Administration	2207 / 2102	BA/MPA
Public Administration	2302	BS, BS/MPA, MPA
Taxation	0502.1	MS

### School of Health Professions and Nursing

Major	Hegis Code	Degree
Biomedical Science: Clinical Lab Science, Generalist	1299	BS
Biomedical Science Cytotechnology	0417	BS
Biomedical Technology	1299	BS
Cardiovascular Perfusion (with North Shore / Long Island Jewish Health Care System)	1223	MS
Clinical Laboratory Management	1299	MS
Clinical Laboratory Science	1299	MS
Dietetic Internship	1306	Adv.Crt.
Forensic Science	1999.3	BS
Health Information Management	1215	BS
Health Information Management	5213	Crt.
Health Sciences	1201	BS
Medical Biology	1299	MS
Nursing (RNs)	1203.1	BS
Advanced Practice Nursing	1203.12	MS
Nursing / Advanced Practice Nursing	1203.1	BS/MS
Nursing Education	1203.1	MS
Nursing Education	1203.12	Adv.Crt.
Family Nurse Practitioner	1203.1	MS, Adv.Crt.
Nursing / Family Nurse Practitioner	1306	BS/MS
Nutrition	1299 0424	BS, BS/MS, MS
Radiologic Technology	1225	BS
Social Work	2104	BS, MSW
Forensic Social Work	2104.0	Adv.Crt.

### School of Visual and Performing Arts

Major	Hegis Code	Degree
Art	1002	BFA, MA
Art Education "B-12"	0831	BFA, MS
Art History and Theory	1003	BA
Arts Management	1099	BFA
Art Therapy	1099	BS
Clinical Art Therapy	1099	MA
Dance Studies	1008	BFA
Digital Arts and Design	1002	BFA
Digital Game Design & Development	1099	MA
Electronic Media	1601	BFA
Film	1010	BFA
Fine Arts & Design	1001	MFA
Instrumental Performance	1004	BM
Interactive Multimedia Arts	0605	MA
Music	1004	BS, MA
Music Education "B-12"	0832	BM, MS
Photography	1011	BFA
Print and Electronic Journalism	0601	BFA
Public Relations	0604	BFA
Theatre Arts	1007	BA, BFA
Theatre	1007	MA
Vocal Performance	1004	BM

**LIU POST FACULTY**

**Michael J. Abatemarco**

*Professor of Accounting*  
B.S., J.D., Buffalo, SUNY;  
LL.M., NYU School of Law  
C.P.A.

**Nassima Abdelli-Beruh**

*Assistant Professor of Education*  
D.E.U.G., University of Paris X – France;  
M.A., University of Paris X – France;  
Ph.D., The Graduate Center, CUNY

**Shahla Marvizi Ahdout**

*Co-Director, Graduate Program, Mathematics Department;*  
*Associate Professor of Mathematics*  
B.S., Arya-Mehr University of Technology;  
Ph.D., Massachusetts Institute of Technology

**Katie Fargo Ahern**

*Assistant Professor of English*  
B.A., Carnegie Mellon University;  
M.F.A., George Mason University;  
Ph.D., North Carolina State University

**Iftikhar Ahmad**

*Associate Professor of Education*  
B.A., M.A., University of Peshawar (Pakistan)  
M.A., Brooklyn College, CUNY;  
M.A., The Graduate Center, CUNY;  
Ed.D., Teachers College, Columbia University

**Patrick J. Aievoli**

*Director, Interactive Multimedia Arts*  
*Associate Professor of Art*  
A.A.S., Farmingdale, SUNY;  
B.S., Buffalo, SUNY;  
M.A., Empire State College, SUNY

**John Amato, Jr.**

*Associate Professor of Education*  
B.A., Hofstra University;  
M.S., Ithaca College;  
Ed.M., Ed.D. Columbia University

**Susan Andima**

*Associate Professor of Mathematics*  
B.A., Binghamton, SUNY;  
M.A., Ph.D., University of Colorado

**Daniel L. Araoz**

*Senior Professor of Education*  
B.A., M.A., Gonzaga University;  
M.S.T., University of Santa Clara;  
M.A., Ed.D., Columbia University

**Jeanie Attie**

*Chair, History Department;*  
*Associate Professor of History*  
B.A., University of Pittsburgh;  
M.A., M.A., M.Phil., Ph.D., Columbia University

**Richard Auletta**

*Assistant Professor of Foreign Languages*  
B.A., LIU Post;  
M.A., Buffalo, SUNY

**Selenay Aytac**

*Technical Services;*  
*Assistant Professor, Library*  
B.L.D.S., Istanbul University;  
M.B.A., Isik University;  
Ph.D., LIU Post

**Beatrice Baaden**

*School Library Program Director*  
B.A., St. John's University  
M.A., Adelphi University;  
M.S., LIU Post;  
C.A.S.; P.D., Ed.D., Hofstra University

**G. Glenn Baigent**

*Chair, Finance Department;*  
*Associate Professor of Finance*  
B. Eng., Technical University of Nova Scotia  
(Canada);  
M.B.A., St. Mary's University;  
Ph.D., Kent State University

**Donald G. Baker**

*Professor of Political Science*  
B.A., University of Denver;  
M.A., Ph.D., Syracuse University

**Tong Bao**

*Assistant Professor of Marketing and International Business*  
B.E., Shanghai Jiaotong University (China);  
M.S., Simon Fraser University (Canada);  
Ph.D., Johnson Graduate School of Management,  
Cornell University

**Charles A. Barragato**

*Director, School of Professional Accountancy;*  
*Professor of Accounting*  
B.S., M.S., LIU Post;  
Ph.D., Baruch College, CUNY;  
C.P.A., C.F.E.

**Marietta Barretti**

*Associate Professor of Social Work*  
A.A., Queensboro Community College;  
B.S.S.W., M.S.W., Adelphi University;  
D.S.W., Hunter College, CUNY

**Meryl Barrow**

*Associate Professor of Education*  
B.S., Albany, SUNY;  
M.S., D.A., Adelphi University;

**Robert L. Battenfeld**

*Head, Periodicals Department;*  
*Professor, Library*  
B.A., New Paltz, SUNY;  
M.L.S., Queens College, CUNY;  
M.S., LIU Post

**Rachel Baum**

*Assistant Professor of Art*  
*Director, Art History*  
B.F.A., Bryn Mawr College;  
M.A., Ph.D., Harvard University

**James P. Bednarz**

*Professor of English*  
B.A., M.A., M.Phil., Ph.D., Columbia University

**Maura Belliveau**

*Associate Professor of Management*  
A.B., Mount Holyoke College;  
M.S. in Organizational Behavior and Industrial  
Relations, University of California, Berkeley;  
Ph.D., University of California, Berkeley

**Geoffrey C. Berresford**

*Professor of Mathematics*  
B.A., Lawrence University;  
M.S., Ph.D., New York University

**Elena Bertozzi**

*Program Director, Digital Game Design and Development;*  
*Associate Professor of Media Arts*  
B.A., Williams College;  
M.L.S., M.S., Indiana University;  
Ph.D., European Graduate School

**Robert E. Bertucelli**

*Professor of Accounting*  
B.S., M.S., LIU Post;  
C.P.A., C.F.P., C.L.U.

**April Blakeslee**

*Assistant Professor of Biology*  
B.A., M.A., Boston University;  
Ph.D., University of New Hampshire

**Talib Kibwe (T.K.) Blue (Eugene Rhynie)**

*Director of Jazz Studies*  
*Assistant Professor of Music;*  
B.A., New York University;  
M.A., Teachers College, Columbia University

**Donna Blumenthal, C.G.C.**

*Associate Director, Genetic Counseling Program;*  
B.A., Albany, SUNY;  
M.S., Sarah Lawrence College

**Margaret F. Boorstein**

*Chair and Director, Graduate Program, Earth and Environmental Science Department;*  
*Professor of Geography*  
A.B., Barnard College, Columbia University;  
M.A., M.Phil., Ph.D., Columbia University

**Terry Bordan**

*Professor of Education*  
B.A., Queens College, CUNY;  
M.S., LIU Post  
Ed.D., University of Sarasota

**Arvind Borde**

*Senior Professor of Mathematics*  
B.S., Bombay University;  
M.A., Ph.D., Stony Brook, SUNY

**Thomas F. Bowman**

*Professor of Education*  
B.A., Western Washington State College;  
M.Ed., Ed.D., Washington State University

**Dengting Boyanton**

*Assistant Professor of Education*  
B.A., Central China Normal University;  
M.Ed., Ph.D., University of Virginia

**Mary Kathleen Boyd-Byrnes**

*Reference Services;*  
*Associate Professor, Library*  
B.A., Geneseo, SUNY;  
M.S.L.I.S., M.S., LIU Post

**Carol M. Boyer**

*Associate Professor of Finance*  
B.S., Trinity University;  
M.B.A., Texas State University;  
Ph.D., Florida State University

**Frank Brady**

*Chair, Health, Physical Education and Movement  
Science Department;*  
*Professor of Education*  
B.A., H.D.E., D.P.E., St. Patrick's College  
(Dublin, Ireland);  
M.A., Ed.D., New York University

**Pamela Brodlieb**

*Director of Field Education, Social Work*  
M.S.W., Adelphi University;  
B.A., M.S., Albany, SUNY

**Theodore J. Brummel**

*Associate Professor of Biology*  
B.A., Transylvania University;  
Ph.D., University of California at Irvine

**Jeremy A. Buchman**

*Pre-Law Advisor;*  
*Associate Professor of Political Science*  
B.A., Columbia University;  
M.A., Ph.D., Stanford University

**Pasquale Buffolino**

*Research Coordinator of Forensic Science*  
B.S., M.S., Adelphi University;  
M.Phil., Ph.D., CUNY

**Kathleen Burlingame**

*Assistant Professor, Library  
Technical Services*  
B.A. Oberlin College;  
M.A., M.L.S., Indiana University

**Anne Burns**

*Professor of Mathematics*  
B.A., M.S., LIU Post;  
M.S., Ph.D., Stony Brook, SUNY

**Jerrilynn Burrowes**

*Chair, Nutrition Department;*  
*Associate Professor of Nutrition*  
B.A., Fisk University;  
M.S., Ph.D., New York University

**Michael M. Byrne**

*Associate Professor of Education and  
Library and Information Science*  
B.A., University of Notre Dame;  
M.A., Ph.D., Michigan State University

**Orly Calderon**

*Assistant Professor of Social Work*  
B.A., LIU Southampton;  
M.A., Teachers College, Columbia University;  
M.S., Psy.D., Hofstra University

**Carol Campbell**

*Associate Professor of Psychology*  
A.B., University of North Carolina at Chapel Hill;  
M.A., New York University;  
M.A., Ph.D., University of Illinois at Urbana-  
Champaign

**Anthony Capetandes**

*Director of Clinical Laboratory Sciences*  
B.S., LIU Post;  
M.S., Ph.D., New York Medical College  
MT (ASCP)

**Scott Carlin**

*Associate Professor of Geography*  
B.A., Brandeis University;  
Ph.D., Clark University

**Jean Carlomusto**

*Director, Television Studio; Professor of Media  
Arts*  
B.F.A., LIU Post;  
M.P.S., Tisch School of the Arts, New York  
University

**Visalam Chandrasekaran**

*Associate Professor of Biomedical Sciences*  
M.D., Stanley Medical College, Madras  
University;  
American Board of Pathology (Anatomic and  
Clinical Pathology);  
American Board of Pathology (Blood  
Banking/Transfusion Medicine)

**T. Steven Chang**

*Chair, Marketing and International Business  
Department;*  
*Professor of Marketing and International Business*  
B.S., M.B.A., National Cheng Kung University  
(Taiwan);  
Ph.D., National Chengchi University (Taiwan);  
Ph.D., George Washington University

**James Chilaka**

*Associate Professor of Mathematics*  
B.S., University of Nigeria;  
M.A., Cornell University;  
Ph.D., Boston University

**Genevieve Chinn**

*Professor of Music*  
*Program Director, Music History Studies*  
B.S., M.A., Ph.D., Columbia University

**Haeryun Choi**

*Assistant Professor of Education*  
B.A., Seoul National University (South Korea);  
M.Ed., Buffalo, SUNY;  
Ph.D., University of Illinois at Urbana-Champaign

**Heting Chu**

*Professor of Library and Information Science*  
B.A., Peking University;  
M.L.I.S., McGill University;  
Ph.D., Drexel University

**Paul J. Ciborowski**

*Associate Professor of Education*  
B.A., University of Dayton;  
M.A., New York University;  
Ph.D., Fordham University

**MaryAnn Clark**

*Dean, School of Health Professions and Nursing;*  
*Professor*  
B.S., Ohio State University;  
M.A., New York University;  
Ed.D., University of Houston

**Neo Cleopa**

*Chair, Mathematics Department;*  
*Associate Professor of Mathematics*  
B.A., University of Arkansas;  
M.S., Ph.D., Adelphi University

**Marco Codebò**

*Assistant Professor of Foreign Languages*  
Laurea in Philosophy, Laurea in Italian Literature,  
University of Genoa (Italy);  
Ph.D., University of California at Santa Barbara

**Lynn Cohen**

*Associate Professor of Education*  
B.S., New Paltz, SUNY;  
M.S., Johns Hopkins University;  
Ph.D., Fordham University

**James J. Colangelo**

*Associate Professor of Education*  
B.A., Manhattan College;  
M.S.Ed., St. John's University;  
P.D., LIU Post;  
Psy.D., California Southern University

**Christie L. Comunale**

*Associate Professor of Accounting*  
B.B.A., M.B.A., Loyola College;  
Ph.D., University of South Florida  
C.P.A.

**Charles Conover**

*Program Director, Digital Art and Design*  
*Associate Professor of Art*  
B.F.A., New York Institute of Technology;  
M.A., New York University

**Martha Cooney**

*Associate Dean, User Services;*  
*Associate Professor, Library*  
B.A., Syracuse University;  
M.L.S., Pratt Institute;  
M.S., LIU Post

**Jeffrey R. Corey**

*Professor of Psychology*  
B.S., Trinity College (Hartford);  
M.S., Ph.D., University of Delaware

**Angela Cornwell**

*Assistant Professor, Library*  
*Reference Services*  
B.S., St. John's University;  
M.L.S., Pratt Institute;  
M.S., LIU Post

**Manoj Dalvi**

*Associate Professor of Finance*  
B.Com., Sydeham College, University of Bombay;  
J.D., Government Law College, University of  
Bombay (India);  
L.L.M., Harvard Law School;  
Ph.D., Columbia University

**Julia E. De Carlo**

*Professor of Education*  
B.A., Marymount College;  
M.S., St. John's University;  
Ph.D., Fordham University

**Albert De Vivo**

*Professor of Foreign Languages*  
B.A., Lehman College, CUNY;  
M.A., Ph.D., Rutgers University

**Richard Del Rosso**

*Associate Professor of Art*  
B.F.A., M.A., LIU Post

**Rick DesRochers**

*Assistant Professor of Theatre*  
B.A., Arizona State University;  
M.F.A., University of Massachusetts at Amherst

**Jay Diehl**

*Assistant Professor of History*  
B.A., Illinois Wesleyan University;  
M.A., University of Chicago;  
Ph.D., New York University

**Marc J. Diener**

*Assistant Professor of Psychology*  
B.A., Yeshiva University;  
M.A., Ph.D., Adelphi University

**Joan Digby**

*Director, Honors and Merit Fellowship Program;*  
*Professor of English*  
B.A., New York University;  
M.A., University of Delaware;  
Ph.D., New York University

**Phyllis T. Dircks**

*Senior Professor of English*  
B.A., St. John's University;  
M.A., Brown University;  
Ph.D., New York University

**Victor J. DiVenere**

*Associate Professor of Geology*  
B.A., B.S., M.S., University of Florida;  
M.Phil., Ph.D., Columbia University

**Arnold Dodge**

*Chair, Educational Leadership and*  
*Administration Department;*  
*Assistant Professor of Education*  
B.A., Stony Brook, SUNY;  
M.S., LIU Post;  
Ph.D., New York University

**Christopher F. Dodrill**

*Professor of Media Arts*  
B.A., LIU Brooklyn;  
M.S., Brooklyn College, CUNY

**Veronika Dolar**

*Assistant Professor of Economics*  
B.A., University of Western Ontario;  
M.A., Ph.D., University of Minnesota

**Robert Domingo**

*Associate Professor of Education*  
B.A., Plattsburgh, SUNY;  
M.S., Adelphi University;  
M.Phil., Ph.D., The Graduate School, CUNY

**Michele M. Dornisch**

*Associate Professor of Education*  
B.A., Lock Haven University;  
M.A., West Virginia University;  
Ph.D., Pennsylvania State University

**Matthew J. Draud**

*Chair and Director, Graduate Program, Biology*  
*Department;*  
*Professor of Biology*  
B.A., Thomas More College;  
M.S., University of Southwestern Louisiana;  
Ph.D., Lehigh University

**Abby Dress**

*Director, Public Relations Program;*  
*Associate Professor of Media Arts*  
B.A., Hofstra University;  
M.B.A., Dowling College

**James Dunne**

*Associate Professor of Education*  
B.A., Stony Brook, SUNY;  
M.A., M.Ed., Ed.D., Teachers College, Columbia  
University

**Thomas R. Fahy**

*Director, American Studies Program;*  
*Associate Professor of English*  
B.A., University of California at Davis;  
M.A., Ph.D., University of North Carolina at  
Chapel Hill

**Vladimir E. Fainzilberg**

*Chair, Chemistry Department;*  
*Professor of Chemistry*  
M.S., Moscow Institute of Physics and  
Technology;  
Ph.D., Kishinev State University

**Kathleen M. Feeley**

*Director, Center for Community Inclusion;*  
*Associate Professor of Education*  
B.A., M.S., St. John's University;  
Ph.D., University of Minnesota

**Eva L. Feindler**

*Director, Clinical Psychology Doctoral Program;*  
*Professor of Psychology*  
B.A., Mount Holyoke College;  
M.A., Ph.D., West Virginia University

**Chantal Ferraro**

*Associate Professor of Anthropology*  
B.A., Queens College, CUNY;  
M.Phil., Ph.D., The Graduate Center, CUNY

**Susan Fife-Dorchak**

*Professor of Computer Science*  
B.S., Massachusetts Institute of Technology;  
M.S., LIU Post;  
Ph.D., Nova Southeastern University

**Carl L. Figliola**

*Chair, Health Care and Public Administration*  
*Department;*  
*Professor of Health Care and Public*  
*Administration*  
B.A., LIU Brooklyn;  
M.A., Ph.D., New York University

**Marc Fink**

*Assistant Professor of Biomedical Sciences*  
B.A., Queens College, CUNY;  
Ph.D., Mt. Sinai School of Medicine of New York University

**Paul H. Forestell**

*Provost, LIU Post, LIU Brentwood and LIU Riverhead;*  
*Professor of Psychology*  
B.S., M.A., University of New Brunswick;  
Ph.D., University of Hawaii

**Morrey A. Forman**

*Associate Professor of Health Care and Public Administration*  
A.A., Staten Island Community College, CUNY;  
B.A., City College, CUNY;  
M.P.A., Baruch College, CUNY;  
Ph.D., New York University

**Barbara R. Fowles**

*Chair, Media Arts Department;*  
*Professor of Media Arts*  
B.A., Barnard College, Columbia University;  
M.A., Ph.D., Yeshiva University

**Jon Fraser**

*Professor of Theatre and Film*  
B.A., Columbia University;  
M.F.A., New York University

**Amy Freedman**

*Chair, Political Science and International Studies Department;*  
*Associate Professor of Political Science*  
B.A., Barnard College, Columbia University;  
M.A., Ph.D., New York University

**James Freeley**

*Associate Professor of Management*  
B.S., Fordham University;  
M.B.A., Pace University;  
Ph.D., Fordham University

**Erica Frouman-Smith**

*Director, Graduate Program, Foreign Languages Department;*  
*Associate Professor of Foreign Languages*  
B.A., University of Massachusetts at Amherst;  
M.A., University of Wisconsin at Madison;  
Ph.D., University of New Mexico at Albuquerque

**Nancy Frye**

*Director, Graduate Program, Psychology Department;*  
*Associate Professor of Psychology*  
B.A., New College;  
M.S., Texas Tech University;  
Ph.D., University of Florida

**Cara Gargano**

*Chair, Theatre, Film, Dance & Arts Management Department*  
*Professor of Theatre and Dance*  
B.A., M.A., University of Rochester;  
Ph.D., The Graduate Center, CUNY;  
New York School of Ballet

**Natalie Gelber**

*Assistant Professor, Library Technical Services*  
M.A., Institute of Foreign Language, Russia  
M.L.S. Queens College, CUNY

**Donald Gelman**

*Chair, Physics Department;*  
*Professor of Physics*  
B.S., Brooklyn College, CUNY;  
M.S., Ph.D., New York University

**Elissa Giffords**

*Associate Professor of Social Work*  
A.A., Nassau Community College;  
B.A., Hofstra University;  
M.S.W., D.S.W., Adelphi University

**David C. Gild**

*Professor of Theatre*  
B.F.A., Carnegie Mellon University;  
M.F.A., D.F.A., Yale University

**Daniel S. Ginsburg**

*Assistant Professor of Biomedical Sciences*  
B.S., Ph.D., Stanford University

**George A. Giuliani**

*Professor of Education*  
B.S., New Paltz, SUNY;  
M.S., Ph.D., St. John's University

**Frances Gizis**

*Associate Professor of Nutrition*  
B.H.Sc., University of Guelph;  
M.S., Cornell University;  
Ph.D., New York University

**Arthur S. Goldberg**

*Professor of Chemistry*  
B.A., M.S., New York University;  
Ph.D., University of Hawaii

**Ruth Golden**

*Director, Opera Ensemble;*  
*Program Director, Vocal Studies;*  
*Professor of Music*  
A.B., University of California, Berkeley;  
M.B.A., University of California, Los Angeles;  
M.M., University of Southern California

**Eugene Goldin**

*Professor of Education*  
B.A., M.S.Ed., Queens College, CUNY;  
Ed.D., St. John's University

**Roger N. Goldstein**

*Professor of Political Science*  
B.A., Oberlin College;  
M.A., Ph.D., Columbia University

**Geoffrey D. Goodman**

*Associate Professor of Psychology*  
B.S., Massachusetts Institute of Technology;  
M.A., Columbia University;  
Ph.D., Northwestern University

**Karleen Goubeaud**

*Associate Professor of Education*  
B.S., Bob Jones University;  
M.S., University of Pittsburgh;  
D.Ed., Indiana University of Pennsylvania

**Elizabeth Granitz**

*Associate Professor of Economics*  
B.A., Cornell University;  
M.A., Ph.D., University of California at Los Angeles

**Anne E. Greb, C.G.C.**

*Director, Clinical Genetics Education*  
*Director, Genetic Counseling Program*  
B.S., M.S., University of Wisconsin at Madison

**Sean A. Grennan**

*Associate Professor of Criminal Justice*  
B.A., M.A., John Jay College of Criminal Justice;  
M.Phil., Ph.D., The Graduate Center, CUNY

**Sara Gronim**

*Director, Graduate Program, History Department;*  
*Associate Professor of History*  
B.S.N., Boston University;  
M.A., Brooklyn College, CUNY;  
Ph.D., Rutgers University

**Anke Grosskopf**

*Associate Professor of Political Science and International Studies*  
B.A., University of Mannheim;  
M.A., Ph.D., University of Pittsburgh

**Azad Gucwa**

*Assistant Professor of Biomedical Sciences*  
B.S., Ph.D., Stony Brook, SUNY;  
MT (ASCP)

**Sheila A. Sidlett Gunther**

*Chair, Foreign Languages Department;*  
*Associate Professor of Foreign Languages*  
B.A., M.A., University of Pennsylvania

**Michael Hadani**

*Assistant Professor of Management*  
B.A., M.A., The Hebrew University (Israel);  
Ph.D., Syracuse University

**Cheryl Halliburton-Beatty***Associate Professor of Dance*

B.A., Boston University;

M.A., LIU Post

**Margaret Hallissy***Professor of English*

B.A., St. John's University;

M.A., Ph.D., Fordham University

**Jan Hammond***Associate Professor of Education*

B.S. SUNY

M.S. Western Connecticut State University

Ed.D. Teachers College, Columbia

**Robert Hannafin***Dean of College of Education, Information and Technology*

B.S. Accounting, St. Francis College;

M.B.A. Finance, Fordham University, NY;

Ph.D. in Education, Arizona State University,

Tempe, AZ

**Joan Harrison***Professor of Art*

B.A., M.A., LIU Post

**Francis T. Harten***Director of Forensic Science*

B.S., Fordham University;

M.S., Touro College

NYPD Crime Scene Detective (retired)

Crime Laboratory Detective Serologist (retired)

**Kent Hatch***Assistant Professor of Biology*

B.S., Brigham Young University;

M.S., Ph.D., University of Wisconsin at Madison

**Melvin R. Heck***Professor of Education*

B.A., University of North Dakota;

M.B.A., LIU Post;

M.A., Ph.D., Northwestern University

**Steven G. Heim***Associate Professor of Computer Science*

B.A., M.S., LIU Post;

D.M.A., Stony Brook, SUNY

**Walter Heimer***Associate Professor of Psychology*

B.A., Allegheny College;

M.A., Ph.D., The New School for Social Research

**Alexander Henderson***Assistant Professor of Health Care and Public Administration*

B.A., M.P.A., Villanova University;

Ph.D., Rutgers University

**Willie Hiatt***Assistant Professor of History*

B.A., University of Kentucky;

M.A., Tulane University;

Ph.D., University of California at Davis

**Katherine C. Hill-Miller***Dean, College of Liberal Arts and Sciences;**Professor of English*

B.A., Fordham University;

M.A., M.Phil., Ph.D., Columbia University

**Melissa J. Hinton***Head, Technical Services;**Associate Professor, Library*

B.A., Oswego, SUNY;

M.S.L.S., M.A., LIU Post

**Lorene Hiris***Professor of Finance*

B.S., LIU Brooklyn;

M.B.A., LIU Post;

D.P.S., Pace University

**A. Hoyt Hobbs***Professor of Philosophy*

B.A., University of Pennsylvania;

M.A., Ph.D., Brandeis University

**Michael P. Hogan***Associate Dean, College of Education,**Information and Technology;**Director, Clinical Education & Professional**Certifications*

B.A. Spring Hill College

M.A. University of South Alabama

Ph.D. University of Alabama

**Steven Hollander***Associate Professor of Education*

B.S., M.S., Brooklyn College, CUNY;

Ed.D., Teachers College, Columbia University

**Jody Howard***Interim Director of Palmer School;**Associate Professor of Library and**Information Science*

B.A., Metropolitan State College;

M.L.S., University of Denver;

M.A., University of Colorado;

Ph.D., Emporia State University

**Gregory S. Hunter***Director, Doctor of Philosophy in Information Studies Program;**Director, Certificate Program in Archives and Records Management;**Professor of Library and Information Science*

B.A., St. John's University;

M.A., M.Phil., Ph.D., New York University

**Mary Infantino***Chair, Nursing Department;**Associate Professor of Nursing*

B.S., Molloy College;

M.S., Ph.D., Adelphi University

R.N., A.N.P.

**Kathy Keenan Isoldi***Assistant Professor of Nutrition*

B.A., Queens College;

M.S., Ph.D., New York University

R.D., C.D.E.

**David Jalajas***Associate Professor of Management*

A.B., Occidental College;

M.S., San Jose State University;

Ph.D., Stanford University

**David Jank***Assistant Professor of Library and Information Science*

B.A., Northeastern University;

M.S., Simmons College;

M.S., Baruch College, CUNY;

Ph.D., LIU Post

**James Joyce***Director of Medical Imaging*

B.S., S.U.N.Y. Downstate Medical Center;

M.S., LIU Post

RT(R)

**Estelle Kamler***Professor of Education*

B.A., M.A., Queens College, CUNY;

Ed.D., Hofstra University

**Minna Kapp***Associate Professor of Nursing*

B.S., Hunter-Bellevue, CUNY;

M.B.A., Baruch College, CUNY;

Ed.D., Teachers College, Columbia University

R.N.

**Stewart Karp***Professor of Chemistry*

B.S., Queens College, CUNY;

M.S., Ph.D., Polytechnic Institute of New York

**Kathleen Keefe-Cooperman***Assistant Professor of Education*

B.A., Rhode Island College;

M.A., Pace University;

M.S., University of Hartford;

Psy.D., University of Hartford

**Robert Keisner***Professor of Psychology*

B.A., LIU Post;

M.A., Brooklyn College, CUNY;

Ph.D., University of Massachusetts



**Patrick J. Kennelly**

*Associate Professor of Geography*  
B.S., Allegheny College;  
M.S., University of Arizona;  
Ph.D., Oregon State University

**Christine Kerr**

*Director, Art Therapy*  
*Associate Professor of Art*  
B.A., Finch College;  
M.A., University of San Francisco;  
Ph.D., Saybrook Graduate School

**Susan Ketcham**

*Professor, Library*  
*Brentwood Campus*  
B.S., Slippery Rock University;  
M.S., M.L.S., LIU Post

**Alex Kim**

*Assistant Professor of Marketing and International Business*  
B.S., M.A., University of Illinois at Chicago;  
Ph.D., Purdue University

**Kerry Kimmons**

*Director of Health Information Management;*  
*Assistant Professor of Health Information Management*  
B.S., Ithaca College;  
M.H.A., R.H.I.A., Hofstra University

**Lawrence Kirschenbaum**

*Associate Professor, Library*  
*Periodicals Department*  
B.S., City College, CUNY  
M.L.S., Columbia University;  
M.S., Brooklyn College, CUNY;  
M.S., Manhattan College

**Stanley Klein**

*Professor of Political Science*  
A.B., M.A., Ph.D., New York University

**Danielle Knafo**

*Professor of Psychology*  
B.A., M.A., Tel Aviv University;  
Ph.D., The Graduate Center, CUNY

**Loretta Knapp**

*Deputy Vice President for Academic Affairs;*  
*Associate Professor of Nursing*  
B.S.N., Downstate Medical Center, SUNY;  
M.A., Ph.D., R.N., New York University

**Nada Kobeissi**

*Associate Professor of Management*  
B.S., University of Houston;  
M.I.M., Baylor University;  
M.B.A., Ph.D., Rutgers University

**Nana Koch**

*Associate Professor of Education*  
B.A., M.A., Adelphi University;  
M.Ed., Ed.D., Teachers College, Columbia University

**Michael E.D. Koenig**

*Professor of Library and Information Science*  
B.S., Yale University;  
M.S., M.B.A., University of Chicago;  
Ph.D., Drexel University

**John J. Koshel**

*Associate Professor of Film*  
B.A., Hamilton College;  
M.F.A., New York University

**Louisa Kramer-Vida**

*Assistant Professor of Education*  
B.A., Marymount Manhattan College;  
C.A.S. P.D., Ed.D., Hofstra University

**Thomas Krichel**

*Associate Professor of Library and Information Science*  
Diplome, Université des Sciences Sociales de Toulouaé;  
Magistre, Université de Paris, Sorbonne;  
M.A., University of Exeter;  
Ph.D., University of Surrey

**Harvey W. Kushner**

*Chair, Criminal Justice Department;*  
*Professor of Criminal Justice*  
B.A., Queens College, CUNY;  
M.A., Ph.D., New York University

**Gerald Lachter**

*Chair, Psychology Department;*  
*Professor of Psychology*  
B.A., LIU Post;  
M.A., Columbia University;  
Ph.D., The Graduate Center, CUNY

**Catherine Larkin**

*Digital Services and Slide Library;*  
*Associate Professor, Library,*  
B.A., LIU Post;  
M.A., Queens College, CUNY;  
Ph.D., LIU Post

**Seung Lee**

*Director, Graduate Studies and Fine Arts*  
*Professor of Art*  
B.F.A., Maryland Institute of Art;  
M.F.A., Pratt Institute

**Seung Yeon Lee**

*Art Therapy Program*  
*Assistant Professor of Art*  
B.S., Yonsei University;  
M.A., New York University;  
Ed.D., Columbia University

**Paula E. Lester**

*Director, Doctor of Education in Interdisciplinary Educational Studies Program;*  
*Senior Professor of Education*  
B.A., M.A., Lehman College, CUNY;  
M.S., Pace University;  
Ph.D., New York University

**Gavrielle Levine**

*Associate Professor of Education*  
B.A., Barnard College, Columbia University;  
M.A., Teachers College, Columbia University;  
Ph.D., Columbia University

**Roberta Levitt**

*Assistant Professor of Education*  
B.S., University of Bridgeport;  
M.A., Hofstra University;  
P.D., Ph.D., Hofstra University

**Lee Yuen Lew**

*Assistant Professor of Education*  
B.Sc., M.Ed., University of Malaya (Malaysia);  
Ph.D., University of Iowa

**Eric Lichten**

*Chair, Sociology and Anthropology Department;*  
*Professor of Sociology*  
B.A., Queens College, CUNY;  
M.Phil., Ph.D., The Graduate Center, CUNY

**Steven Liebling**

*Professor of Physics*  
B.A., Brown University;  
M.A., Ph.D., University of Texas at Austin

**Jozsef Losonczy**

*Professor of Mathematics*  
B.A., New York University;  
Ph.D., Massachusetts Institute of Technology

**Arthur Lothstein**

*Professor of Philosophy*  
B.A., Queens College, CUNY;  
M.A., Ph.D., New York University

**Kathryn Lusteg**

*Associate Dean, College of Education,*  
*Information and Technology;*  
*Associate Professor of Education*  
B.S., Geneseo, SUNY;  
M.A., P.D., LIU Post;  
Ph.D., New York University

**Deborah Lutz**

*Associate Professor of English*  
B.A., University of Colorado at Boulder;  
Ph.D., The Graduate Center, CUNY

**John Lutz**

*Chair, English Department;*  
*Assistant Professor of English*  
 B.A., M.A., LIU Post;  
 Ph.D., Stony Brook, SUNY

**Glenn Magee**

*Chair, Philosophy Department;*  
*Associate Professor of Philosophy*  
 B.A., George Mason University;  
 M.A., Ph.D., Emory University

**Christopher Malinowski**

*Chair, Computer Science/Management Engineering*  
*Associate Professor of Computer Science/Management Engineering*  
 B.S., John Jay College of Criminal Justice;  
 M.S., LIU Post

**Robert Manheimer**

*Associate Professor of Education*  
 B.A., Brooklyn College, CUNY;  
 M.A., Ed.D., Columbia University

**Laura Manzari**

*Associate Professor, Library Reference Services*  
 B.A., M.L.S., Queens College, CUNY;  
 J.D., St. John's University

**Sandra Mardenfeld**

*Director of Print / Electronic Journalism*  
*Assistant Professor of Media Arts*  
 B.S., Buffalo, SUNY;  
 M.A., New York University

**Michael Mariska**

*Assistant Professor of Counseling and Development*  
 B.A., University of Connecticut;  
 M.S., Southern Connecticut State University;  
 Ph.D., Idaho State University

**Luis R. Martinez**

*Assistant Professor of Biomedical Sciences*  
 B.S., University of Puerto Rico;  
 M.S., LIU Brooklyn;  
 M.B.A., Pace University;  
 Ph.D., Albert Einstein College of Medicine

**Ethel Matin**

*Professor of Psychology*  
 B.A., Hunter College, CUNY;  
 Ph.D., Columbia University

**Dona McDermott**

*Associate Professor, Library Instructional Services*  
 B.A., Marymount Manhattan College;  
 M.L.S., St. John's University;  
 M.B.A., LIU

**Sheila McDonald**

*Associate Professor of English*  
 B.A., Howard University;  
 M.A., City College, CUNY;  
 Ph.D., Stony Brook, SUNY

**A. Scott McGowan**

*Senior Professor of Education*  
 B.S., University of Scranton;  
 M.A., Niagara University;  
 M.S., Ph.D., Fordham University

**Suzanne M. McGuirk**

*Clinical Instructor of Medical Imaging*  
 B.A., Albany, SUNY;  
 M.S., M.S., M.S., LIU Post  
 RT(R)

**Richard McNabb**

*Professor of English*  
 B.A., M.A., Ph.D., The University of Arizona

**James W. McRoy**

*Chair, Department of Music*  
*Director, Bands*  
*Professor of Music*  
 B.A., M.S., Aaron Copland School of Music,  
 Queens College, CUNY;  
 D.A., Ball State University

**Karin A. Melkonian**

*Pre-Medical Sciences Advisor;*  
*Associate Professor of Biology*  
 B.A., Connecticut College;  
 Ph.D., Stony Brook, SUNY

**Elizabeth Mezick**

*Associate Professor, Library Reference Services*  
 B.B.A., Adelphi University;  
 M.S.L.S., LIU Post;  
 M.S., LIU Post

**Jennifer Scott Miceli**

*Program Director, Music Education;*  
*Associate Professor of Music*  
 B.M., The Hartt School of Music, University of  
 Hartford;  
 M.M., Ph.D., Eastman School of Music,  
 University of Rochester

**Edmund Miller**

*Senior Professor of English*  
 B.A., LIU Post;  
 M.A., Ohio State University;  
 Ph.D., Stony Brook, SUNY

**Richard K. Mills**

*Professor of Art*  
 B.A., M.F.A., City College, CUNY

**Ronald Minge**

*Professor of Education*  
 B.A., Western Washington College;  
 M.A., Ph.D., Washington State University

**Joel Mittler**

*Professor of Education*  
 B.A., Brooklyn College, CUNY;  
 M.S., Professional Certificate, Queens College,  
 CUNY;  
 M.Ed., Ed.D., Teachers College, Columbia  
 University

**Yajun Mo**

*Assistant Professor of History*  
 B.A., Fudan University, Shanghai;  
 M.Phil., The Shanghai University of Hong Kong;  
 M.A., Ph.D., University of California at Santa  
 Cruz

**Sue Moon**

*Assistant Professor of Management*  
 B.Com, M.I.R., Queens University (Canada)  
 Ph.D., University of Toronto, Rotman School of  
 Management

**Panos Mourdoukoutas**

*Chair, Economics Department;*  
*Professor of Economics*  
 B.A., University of Salonicia;  
 M.A., Florida Atlantic University;  
 Ph.D., Stony Brook, SUNY

**Muhammad Muslih**

*Professor of Political Science*  
 M.A., American University of Beirut;  
 M.Phil., Ph.D., Columbia University

**Suzanne Nalbantian**

*Professor of English*  
 B.A., Barnard College, Columbia University;  
 M.A., M.Phil., Ph.D., Columbia University

**Ilene L. Nathanson**

*Director, Master of Social Work Program;*  
*Director, Center of Aging;*  
*Professor of Social Work*  
 B.S., Cornell University;  
 M.S.W., D.S.W., Yeshiva University

**John C. Neill**

*Associate Professor of Psychology*  
 B.A., University of California at San Diego;  
 M.A., Ph.D., Boston University

**Martin L. O'Connor**

*Associate Professor of Criminal Justice*  
 B.A. LIU Post;  
 J.D., Hofstra University

**Terence O'Daly**

*Associate Professor of Art*  
 B.F.A., LIU Southampton;  
 M.A., New York Institute of Technology

**John O'Hare**

*Clinical Coordinator of Medical Imaging*  
B.A., M.S., Adelphi University  
RT (R)

**Karen Ogulnick**

*Associate Professor of Education*  
B.S., Plattsburgh, SUNY;  
M.A., Hunter College, CUNY;  
Ph.D., New York University

**Frank Olt**

*Program Director, Ceramics;*  
*Professor of Art*  
B.F.A., M.F.A., LIU Post

**Camilo Ortiz**

*Associate Professor of Psychology*  
B.S., Cornell University;  
M.A., Ph.D., University of Massachusetts at  
Amherst

**Dennis A. Pahl**

*Director, Graduate Program, English*  
*Department;*  
*Professor of English*  
B.A., Albany, SUNY;  
M.A., Ph.D., Buffalo, SUNY

**Anthony Palumbo**

*Assistant Professor of Education*  
B.A., M.S.Ed., St. John's University;  
P.D., Ed.D., Hofstra University

**Shailendra Palvia**

*Professor of Management Information Systems*  
B.S., Indian Institute of Technology;  
M.B.A., Ph.D., University of Minnesota

**Lawrence Paretta**

*Assistant Professor, Library*  
*Reference Services*  
B.A., Hofstra University  
M.S.L.I.S., LIU  
M.C. J., Boston University

**Heather Parrott**

*Assistant Professor of Sociology*  
B.S., College of Charleston;  
M.A., Ph.D., University of Georgia

**Glynis Pereyra**

*Assistant Dean, College of Liberal Arts and*  
*Sciences;*  
*Director, Interdisciplinary Studies Program*  
B.A., Kutztown State University of Pennsylvania;  
Ph.D., University of Maryland

**Ilene Leopold Persoff**

*Associate Professor of Accounting*  
B.A., Brandeis University;  
M.S., LIU Post;  
C.P.A.

**James Peters**

*Professor of Mathematics and Physics*  
B.S., M.S., Polytechnic Institute of New York;  
Ph.D., Stevens Institute of Technology

**Nancy J.S. Peters**

*Professor of Chemistry*  
B.A., Cornell University;  
M.A., Ph.D., Princeton University

**Roger Pierangelo**

*Associate Professor of Education*  
B.S., St. John's University;  
M.S.Ed., P.D., Queens College;  
Ph.D., Yeshiva University

**E. Mark Pires**

*Associate Professor of Geography*  
B.A., University of Vermont;  
M.A., Ph.D., Michigan State University

**Joseph Piro**

*Associate Professor of Education*  
B.A., St. Francis College;  
M.A., Queens College, CUNY;  
M.S., Fordham University;  
M.A., Ph.D., Teachers College, Columbia  
University

**Louis Pisha**

*Head, Interlibrary Loan*  
*Associate Professor, Library*  
A.A., Rockland Community College;  
B.A., Geneseo, SUNY;  
M.L.S., Rutgers University;  
D.L.S., Columbia University

**Patrizia Porrini**

*Associate Professor of Management*  
B.S., M.B.A., New York University;  
Ph.D., Leonard N. Stern School of Business, New  
York University

**Maria Porter**

*Director of Theatre*  
*Professor of Theatre*  
B.A., M.F.A., University of California, San Diego

**Joan Powers**

*Director, Photography*  
*Senior Professor of Art*  
B.A., M.F.A., Brooklyn College, CUNY

**Manju Prasad-Rao**

*Head, Instructional Media Center*  
*Associate Professor, Library*  
B.A., Mount Carmel College (India);  
M.A., Central College (India);  
M.S., Indiana University;  
M.S.L.S., M.S., LIU Post

**Nicholas J. Ramer**

*Associate Dean, College of Liberal Arts and*  
*Sciences;*  
*Associate Professor of Chemistry*  
B.S., B.S., LIU Post;  
Ph.D., University of Pennsylvania

**P.M. Rao**

*Professor of Marketing and International Business*  
B.A., University of Madras;  
M.B.A., University of Toledo;  
Ph.D., Leonard N. Stern School of Business, New  
York University

**Shaireen Rasheed**

*Associate Professor of Education*  
B.A., Stony Brook, SUNY;  
M.A., New School for Social Research;  
M.A., Ph.D., Teachers College, Columbia  
University

**Jill H. Rathus**

*Professor of Psychology*  
B.A., Cornell University;  
M.A., Ph.D., Stony Brook, SUNY

**Winn Rea**

*Director, Art Foundation;*  
*Assistant Professor of Art*  
B.F.A., James Madison University;  
M.F.A., University of Iowa

**R.H. Red Owl**

*Professor of Education*  
A.B., Erskine College;  
M.P.A., Georgia State University;  
Ph.D., University of Georgia

**D. Corbett Redden**

*Assistant Professor of Mathematics*  
B.A., Rice University;  
M.S., Ph.D., University of Notre Dame

**John J. Regazzi**

*Professor, College of Education, Information and*  
*Technology*  
B.A., St. John's University;  
M.A., University of Iowa;  
M.S.L.S., Columbia University;  
Ph.D., Rutgers University

**Justin R. Renz**

*Associate Professor of Health Care and Public*  
*Administration*  
B.A., St. John's University;  
M.B.A., D.P.A., New York University

**Jeong-eun Rhee**

*Associate Professor of Education*  
B.A., Ewha Women's University;  
M.A., West Virginia University;  
Ph.D., Ohio State University

**Eduardo Rivera, Jr.**

*Assistant Professor, Library Reference Services*  
 B.A., Stony Brook, SUNY;  
 M.S., Hofstra University;  
 M.S. L. I. S., LIU Post

**William Roberson**

*Head Librarian, Brentwood Campus Professor, Library*  
 B.A., M.S., Stony Brook, SUNY;  
 Advanced Certificate in Library and Information Science, St. John's University;  
 M.S.L.S., LIU Post

**Wendy Roberts**

*Assistant Professor, Library Reference Services*  
 B.A., M.L.S., Buffalo, SUNY

**Lisa Robinson**

*Assistant Professor of Film*  
 B.A., University of California at Berkeley;  
 M.F.A., New York University

**Lawrence Rocks**

*Professor of Chemistry*  
 B.S., Queens College, CUNY;  
 M.S., Purdue University;  
 D.Sc., Technische Hochschule (Vienna)

**Jennifer Rogers**

*Assistant Professor of Sociology*  
 B.A., University of California at Irvine;  
 M.A., Ph.D., University of California at Santa Barbara

**Jorge Rosario-Vélez**

*Associate Professor of Foreign Languages*  
 B.A., M.A., Inter-American University of Puerto Rico;  
 Ph.D., Stony Brook, SUNY

**Rebecca Rosner**

*Associate Professor of Accounting*  
 B.S., B.B.A., Brooklyn College;  
 M.B.A., Ph.D., Baruch College, CUNY;  
 C.P.A.

**Grace Rossi**

*Professor of Psychology*  
 B.A., Susquehanna University;  
 M.A., Hunter College, CUNY;  
 Ph.D., The Graduate School, CUNY

**Sheldon N. Rothman**

*Co-Director, Graduate Program, Mathematics Department; Professor of Mathematics*  
 B.A., M.A., Queens College, CUNY;  
 Ph.D., The Graduate Center, CUNY

**Udayan Roy**

*Professor of Economics*  
 B.Sc., Presidency College, Calcutta University;  
 Ph.D., Stony Brook, SUNY

**David Rozenstein**

*Associate Professor of Computer Science*  
 B.S., M.S., Ph.D., Stony Brook, SUNY

**Joyce Rubenstein**

*Director, Ladge Speech and Hearing Center*  
 B.A., M.A., Hofstra University;  
 Ph.D., New York University

**Wendy A. Ryden**

*Coordinator, Writing Across the Curriculum; Associate Professor of English*  
 B.A., Drew University;  
 M.F.A., Brooklyn College, CUNY;  
 Ph.D., The Graduate Center, CUNY

**Joelle Saad-Lessler**

*Assistant Professor of Economics*  
 B.A., M.A., M.Phil., Ph.D., Columbia University

**William Saffady**

*Professor of Library and Information Science*  
 B.A., Central Michigan University;  
 M.A., M.S.L.S., Ph.D., Wayne State University

**Joseph Sanacore**

*Professor of Education*  
 B.A., Adelphi University;  
 M.A., New York University;  
 M.S., LIU Post;  
 P.D., Hofstra University;  
 Ed.D., Hofstra University

**Scott Santagata**

*Assistant Professor of Biology*  
 B.S., University of Rhode Island;  
 M.S., American University;  
 Ph.D., University of Southern California

**Alessandra (Sandy) Sarcona**

*Director of Dietetic Internship*  
 B.S., East Carolina University;  
 M.S., New York University  
 R.D., C.S.S.D.

**Kristin Schaefer-Schiomo**

*Professor of Education*  
 B.S., Cornell University;  
 M.A., Ph.D., Fordham University

**John Scheckter**

*Professor of English*  
 A.B., Grinnell College;  
 M.A., Ph.D., University of Iowa

**Maithili Schmidt-Raghavan**

*Professor of Philosophy*  
 B.A., M.A., Nagpur University;  
 A.M., Ph.D., University of Michigan at Ann Arbor

**Bette E. Schneiderman**

*Associate Professor of Education and Library and Information Science*  
 B.A., M.S., Syracuse University;  
 Ph.D., Hofstra University

**Conrad Schoeffling**

*Head, Special Collections; Associate Professor, Library*  
 B.A., Iona College;  
 M.S.L.S., M.A., LIU Post

**William A. Schutt, Jr.**

*Associate Professor of Biology*  
 B.A., LIU Post;  
 M.A., Geneseo, SUNY;  
 Ph.D., Cornell University

**Vincent Scovetta**

*Visiting Assistant Professor of Computer Science*  
 B.S., St. John's University;  
 M.S., LIU Post

**Jonna Gormely Semeiks**

*Associate Professor of English*  
 B.A., Hunter College, CUNY;  
 Ph.D., Rutgers University

**Mark Shapiro**

*Program Director, Choral Activities; Assistant Professor of Music*  
 B.A., Yale University;  
 G.P.D., Peabody Institute of Johns Hopkins University;  
 Diplome, Ecole Normale de Musique de Paris;  
 D.M.A., Stony Brook, SUNY

**Zenu Sharma**

*Assistant Professor of Finance*  
 B.Com., M.S.in Finance, Punjab University (India);  
 Ph.D., Rensselaer Polytechnic Institute

**Susan Shenker**

*Assistant Professor of Education*  
 B.A., Arcadia University;  
 M.A., Teachers College, Columbia University

**Hyun Shin**

*Assistant Professor of Marketing and International Business*  
 B.B.A., M.B.A., Seoul National University (South Korea);  
 M.S., University of Illinois at Urbana-Champaign;  
 Ph.D., U.C.L.A., Anderson School of Management

**Jongtae Shin**

*Assistant Professor of Management*  
 B.A., M.S., Seoul National University (South Korea)  
 M.S. Stanford University  
 M.Phil., Ph.D., Columbia University

**Michael Shodell**

*Professor of Biology*  
B.S., Stony Brook, SUNY;  
Ph.D., University of California at Berkeley

**Barbara Shorter**

*Associate Professor of Nutrition*  
B.S., Hunter College, CUNY;  
M.S., New York University;  
M.Ed., Ed.D., Columbia University

**Shahid Siddiqi**

*Professor of Marketing and International Business*  
B.S., Calcutta University (India);  
M.B.A., Indian Institute of Management Calcutta (India);  
Ph.D., Wharton School, University of Pennsylvania

**Neill G. Slaughter**

*Professor of Art*  
B.F.A., University of Georgia;  
M.F.A., Indiana University

**Dianne Slavin**

*Chair, Communication Sciences and Disorders Department;*  
*Associate Professor of Education*  
B.S., Boston University;  
M.A., Ph.D., New York University

**June Ann Smith**

*Associate Professor of Education*  
B.A., Northern Caribbean University (formerly West Indies College);  
M.A., Andrews University; M.S.W., Yeshiva University;  
Ph.D., Andrews University

**Soopum Sohn**

*Associate Professor of Film*  
B.F.A., Art Center College of Design, Chung Ang University;  
M.F.A., American Film Institute; New York University

**Michael Soupios**

*Director, Graduate Program, Political Science and International Studies Department;*  
*Professor of Political Science*  
B.A., St. Lawrence University;  
M.S., M.A., M.A., LIU Post;  
M.A., D.Min., Seminary of the Immaculate Conception;  
Ed.D., Columbia University;  
Ph.D., Buffalo, SUNY;  
Ph.D., Fordham University

**Amy E. Spaulding**

*Professor of Library and Information Science*  
B.S., Williamette University;  
M.L.S., University of Pittsburgh;  
D.L.S., Columbia University

**Phyllis Kudder Sullivan**

*Senior Professor of Art*  
B.S., Hofstra University;  
M.F.A., LIU Post

**Brian Sweeney**

*Assistant Professor of Sociology*  
B.A., Ohio Wesleyan University;  
M.A., Ph.D., Indiana University at Bloomington

**Rachel Szekely**

*Assistant Professor of English*  
B.A., Smith College;  
Ph.D., The Graduate Center, CUNY

**Michelle Y. Szpara**

*Associate Professor of Education*  
B.S., Pennsylvania State University;  
Ph.D., University of Pennsylvania

**Molly R. Tambor**

*Assistant Professor of History*  
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Ph.D., Columbia University

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