Notice to Students: The information in this publication is accurate as of September 1, 2013. However, circumstances may require that a given course be withdrawn or alternate offerings be made.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.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIU</td>
<td>4</td>
</tr>
<tr>
<td>CAMPUSES OF LIU</td>
<td>5</td>
</tr>
<tr>
<td>Residential Campuses</td>
<td>5</td>
</tr>
<tr>
<td>Regional Campuses</td>
<td>6</td>
</tr>
<tr>
<td>ABOUT LIU POST</td>
<td>7</td>
</tr>
<tr>
<td>Mission Statement</td>
<td>7</td>
</tr>
<tr>
<td>General Information</td>
<td>7</td>
</tr>
<tr>
<td>Faculty</td>
<td>7</td>
</tr>
<tr>
<td>ACADEMIC CALENDAR</td>
<td>8</td>
</tr>
<tr>
<td>ENROLLMENT SERVICES</td>
<td>10</td>
</tr>
<tr>
<td>Summer Sessions</td>
<td>10</td>
</tr>
<tr>
<td>Evening Programs</td>
<td>10</td>
</tr>
<tr>
<td>Weekend College</td>
<td>10</td>
</tr>
<tr>
<td>Winter Session</td>
<td>10</td>
</tr>
<tr>
<td>Senior Adult Programs</td>
<td>10</td>
</tr>
<tr>
<td>Intensive English Program for International Students</td>
<td>10</td>
</tr>
<tr>
<td>Veteran Services</td>
<td>10</td>
</tr>
<tr>
<td>ADMISSION</td>
<td>11</td>
</tr>
<tr>
<td>Admission Procedures</td>
<td>11</td>
</tr>
<tr>
<td>Graduate Admission Status</td>
<td>11</td>
</tr>
<tr>
<td>International Students</td>
<td>11</td>
</tr>
<tr>
<td>ACADEMIC POLICY</td>
<td>12</td>
</tr>
<tr>
<td>Grading</td>
<td>12</td>
</tr>
<tr>
<td>Attendance</td>
<td>12</td>
</tr>
<tr>
<td>Absence from Final Examination</td>
<td>12</td>
</tr>
<tr>
<td>Academic Conduct</td>
<td>12</td>
</tr>
<tr>
<td>Course Numbers and Course Frequency</td>
<td>13</td>
</tr>
<tr>
<td>Transfer Credits</td>
<td>13</td>
</tr>
<tr>
<td>Change of Major</td>
<td>13</td>
</tr>
<tr>
<td>Time Limit</td>
<td>13</td>
</tr>
<tr>
<td>Oral Qualifying or Comprehensive Examination</td>
<td>13</td>
</tr>
<tr>
<td>Graduation and Diplomas</td>
<td>13</td>
</tr>
<tr>
<td>Transcript Requests</td>
<td>13</td>
</tr>
<tr>
<td>Additional Academic Policies</td>
<td>14</td>
</tr>
<tr>
<td>ACADEMIC HONOR SOCIETIES</td>
<td>15</td>
</tr>
<tr>
<td>REGISTRATION</td>
<td>17</td>
</tr>
<tr>
<td>Advisement</td>
<td>17</td>
</tr>
<tr>
<td>Course Load</td>
<td>17</td>
</tr>
<tr>
<td>Maintenance of Matriculation</td>
<td>17</td>
</tr>
<tr>
<td>Leave of Absence</td>
<td>17</td>
</tr>
<tr>
<td>Medical Leave of Absence</td>
<td>17</td>
</tr>
<tr>
<td>Readmission</td>
<td>18</td>
</tr>
<tr>
<td>Program Changes</td>
<td>18</td>
</tr>
<tr>
<td>Audit</td>
<td>18</td>
</tr>
<tr>
<td>Withdrawal</td>
<td>18</td>
</tr>
<tr>
<td>Class Size</td>
<td>18</td>
</tr>
<tr>
<td>Payment of Tuition and Fees</td>
<td>18</td>
</tr>
<tr>
<td>STUDENT FINANCIAL SERVICES</td>
<td>19</td>
</tr>
<tr>
<td>GRADUATE TUITION AND FEES</td>
<td>19</td>
</tr>
<tr>
<td>FINANCIAL AID</td>
<td>23</td>
</tr>
<tr>
<td>DIVISION OF STUDENT AFFAIRS</td>
<td>24</td>
</tr>
<tr>
<td>Student Life and Leadership</td>
<td>25</td>
</tr>
<tr>
<td>Student Health and Counseling Center</td>
<td>25</td>
</tr>
<tr>
<td>RESOURCES &amp; FACILITIES</td>
<td>26</td>
</tr>
<tr>
<td>Library</td>
<td>26</td>
</tr>
<tr>
<td>Office of Information Technology</td>
<td>26</td>
</tr>
<tr>
<td>MyLIU</td>
<td>27</td>
</tr>
<tr>
<td>Hillwood Commons</td>
<td>27</td>
</tr>
<tr>
<td>Public Safety</td>
<td>27</td>
</tr>
<tr>
<td>Annual Campus Security Report</td>
<td>27</td>
</tr>
<tr>
<td>Emergency Management</td>
<td>27</td>
</tr>
<tr>
<td>Disability Support Services (DSS)</td>
<td>27</td>
</tr>
<tr>
<td>Psychological Services Center</td>
<td>28</td>
</tr>
<tr>
<td>International Student Services</td>
<td>28</td>
</tr>
<tr>
<td>Community Standards &amp; Civic Engagement</td>
<td>28</td>
</tr>
<tr>
<td>Religious Life</td>
<td>28</td>
</tr>
<tr>
<td>Residence Life</td>
<td>28</td>
</tr>
<tr>
<td>Digital Art and Design Lab</td>
<td>29</td>
</tr>
<tr>
<td>Digital Games Lab</td>
<td>29</td>
</tr>
<tr>
<td>Music Technology Laboratory</td>
<td>29</td>
</tr>
<tr>
<td>Media Arts Labs</td>
<td>29</td>
</tr>
<tr>
<td>Jerold Mark Ladge Speech and Hearing Center</td>
<td>29</td>
</tr>
<tr>
<td>Benjamin and Elizabeth Abrams Communication Center</td>
<td>29</td>
</tr>
<tr>
<td>Tilles Center for the Performing Arts</td>
<td>30</td>
</tr>
<tr>
<td>Steinberg Museum of Art at Hillwood</td>
<td>30</td>
</tr>
<tr>
<td>Pratt Recreation Center</td>
<td>30</td>
</tr>
<tr>
<td>Recreational Sports</td>
<td>30</td>
</tr>
<tr>
<td>Teaching and Learning Initiative</td>
<td>30</td>
</tr>
<tr>
<td>Winnick Student Center</td>
<td>30</td>
</tr>
<tr>
<td>College</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>LIU Post Community Arboretum</td>
<td>30</td>
</tr>
<tr>
<td>COLLEGE OF EDUCATION, INFORMATION AND TECHNOLOGY</td>
<td>31</td>
</tr>
<tr>
<td>Communication Sciences and Disorders</td>
<td>32</td>
</tr>
<tr>
<td>Computer Science and Management Engineering</td>
<td>37</td>
</tr>
<tr>
<td>Counseling and Development</td>
<td>45</td>
</tr>
<tr>
<td>Curriculum and Instruction</td>
<td>52</td>
</tr>
<tr>
<td>Educational Leadership and Administration</td>
<td>80</td>
</tr>
<tr>
<td>Palmer School of Library and Information Science</td>
<td>85</td>
</tr>
<tr>
<td>Special Education and Literacy</td>
<td>98</td>
</tr>
<tr>
<td>Corporate Learning &amp; Development</td>
<td>106</td>
</tr>
<tr>
<td>Doctoral Program (Ed.D.) in Interdisciplinary Studies</td>
<td>107</td>
</tr>
<tr>
<td>COLLLEGE OF LIBERAL ARTS AND SCIENCES</td>
<td>108</td>
</tr>
<tr>
<td>Biology</td>
<td>109</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>116</td>
</tr>
<tr>
<td>Earth and Environmental Science</td>
<td>121</td>
</tr>
<tr>
<td>English</td>
<td>128</td>
</tr>
<tr>
<td>Foreign Languages</td>
<td>135</td>
</tr>
<tr>
<td>History</td>
<td>140</td>
</tr>
<tr>
<td>Interdisciplinary Studies</td>
<td>147</td>
</tr>
<tr>
<td>Mathematics</td>
<td>148</td>
</tr>
<tr>
<td>Political Science / International Studies</td>
<td>152</td>
</tr>
<tr>
<td>Psychology</td>
<td>158</td>
</tr>
<tr>
<td>COLLEGE OF MANAGEMENT</td>
<td>175</td>
</tr>
<tr>
<td>Master of Business Administration (M.B.A.)</td>
<td>176</td>
</tr>
<tr>
<td>Heath Care and Public Administration</td>
<td>184</td>
</tr>
<tr>
<td>Professional Accountancy</td>
<td>193</td>
</tr>
<tr>
<td>SCHOOL OF HEALTH PROFESSIONS AND NURSING</td>
<td>198</td>
</tr>
<tr>
<td>Biomedical Sciences</td>
<td>200</td>
</tr>
<tr>
<td>Nursing</td>
<td>213</td>
</tr>
<tr>
<td>Nutrition</td>
<td>220</td>
</tr>
<tr>
<td>Social Work</td>
<td>226</td>
</tr>
<tr>
<td>SCHOOL OF VISUAL AND PERFORMING ARTS</td>
<td>233</td>
</tr>
<tr>
<td>Art</td>
<td>234</td>
</tr>
<tr>
<td>Media Arts</td>
<td>246</td>
</tr>
<tr>
<td>Music</td>
<td>249</td>
</tr>
<tr>
<td>Theatre, Film, Dance, and Arts Management</td>
<td>259</td>
</tr>
<tr>
<td>SCHOOL OF CONTINUING EDUCATION</td>
<td>263</td>
</tr>
<tr>
<td>BLENDED AND ONLINE LEARNING</td>
<td>264</td>
</tr>
<tr>
<td>APPROVED PROGRAMS</td>
<td>265</td>
</tr>
<tr>
<td>LIU POST FACULTY</td>
<td>269</td>
</tr>
<tr>
<td>LIU POST ADMINISTRATION</td>
<td>280</td>
</tr>
<tr>
<td>LIU TRUSTEES, OFFICERS AND ADMINISTRATION</td>
<td>281</td>
</tr>
<tr>
<td>SCHOOL OF CONTINUING EDUCATION</td>
<td>263</td>
</tr>
<tr>
<td>BLENDED AND ONLINE LEARNING</td>
<td>264</td>
</tr>
<tr>
<td>APPROVED PROGRAMS</td>
<td>265</td>
</tr>
<tr>
<td>LIU POST FACULTY</td>
<td>269</td>
</tr>
<tr>
<td>LIU POST ADMINISTRATION</td>
<td>280</td>
</tr>
<tr>
<td>LIU TRUSTEES, OFFICERS AND ADMINISTRATION</td>
<td>281</td>
</tr>
<tr>
<td>SCHOLL OF VISUAL AND PERFORMING ARTS</td>
<td>233</td>
</tr>
<tr>
<td>Art</td>
<td>234</td>
</tr>
<tr>
<td>Media Arts</td>
<td>246</td>
</tr>
<tr>
<td>Music</td>
<td>249</td>
</tr>
</tbody>
</table>
LIU

Long Island University (LIU) is one of America’s largest and most comprehensive private universities with locations and programs spanning the New York metropolitan area, overseas and online. World-class faculty, small classes and résumé-building hands-on learning experiences are the hallmarks of an LIU education.

The University offers nearly 500 academic programs 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). Its international unit, LIU Global, provides a wide range of study abroad options at overseas centers in China and Costa Rica, and through programs in Australia, South Africa, Taiwan, Thailand, Turkey and, beginning in 2015, Europe.

The accomplishments of more than 191,000 living alumni are a testament to the success of LIU’s mission of “Access and Excellence.” The institution also provides enrichment for students and neighboring communities, including the excitement of NCAA Division I and II athletics, internationally acclaimed arts programming at Tilles Center for the Performing Arts and the nationally renowned George Polk Awards in journalism.

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.
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 pharmaceutics, 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, Steinberg Museum of Art 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 nearly 200 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.
The Regional Campuses

LIU Brentwood

Since 1959, LIU Brentwood has served the diverse communities of western Suffolk County with premier undergraduate and graduate programs. Conveniently located on the Michael J. Grant Campus of Suffolk Community College, it offers access to a full range of amenities, including state-of-the-art library and computer resources, as well as personalized academic advisement and support services. 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 pharmaceutics (M.S.) with specializations in industrial pharmacy and cosmetic science.

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.
ABOUT 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 in the arts and sciences, professional schools or through lifelong learning. 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, the intensive advisement system, and encouragement of experiential learning through cooperative education, internships, practica, community service, study abroad, research projects and artistic performance. 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. The graduates of the campus will have developed 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 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.

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### ACADEMIC CALENDAR 2013-2014

#### Fall Term 2013

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Classes Begin</td>
<td>September 4</td>
</tr>
<tr>
<td>Add/Drop and Late Registration</td>
<td>September 4-17</td>
</tr>
<tr>
<td>(instructor permission required to add</td>
<td></td>
</tr>
<tr>
<td>Lab Science courses as of 9/11)</td>
<td></td>
</tr>
<tr>
<td>Award of September Degrees</td>
<td>September 20</td>
</tr>
<tr>
<td>Columbus Day - Administrative Offices Open - No Classes</td>
<td>October 14</td>
</tr>
<tr>
<td>Last Day to File for January 2014 Degree</td>
<td>October 18</td>
</tr>
<tr>
<td>Registration Begins for Spring 2014</td>
<td>October 21</td>
</tr>
<tr>
<td>(tentative date)</td>
<td></td>
</tr>
<tr>
<td>Last Day to Opt P/F or Withdraw</td>
<td>November 8</td>
</tr>
<tr>
<td>Veteran's Day - Administrative</td>
<td>November 11</td>
</tr>
<tr>
<td>Offices Open - No Classes</td>
<td></td>
</tr>
<tr>
<td>Tuesday Classes Suspended/Monday Classes Meet</td>
<td>November 12</td>
</tr>
<tr>
<td>Thanksgiving Recess - No Classes</td>
<td>November 27 - December 1</td>
</tr>
<tr>
<td>Last Day of Regular Classes</td>
<td>December 10</td>
</tr>
<tr>
<td>Study/Snow Days/Alternate Class Days</td>
<td>December 11-12</td>
</tr>
<tr>
<td>Final Examination/Final Class Meetings</td>
<td>December 13-19</td>
</tr>
<tr>
<td>Term Ends</td>
<td>December 20</td>
</tr>
<tr>
<td>Conferral of January Degrees</td>
<td>January 17</td>
</tr>
</tbody>
</table>

#### Spring Term 2014

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classes Begin</td>
<td>January 21</td>
</tr>
<tr>
<td>Add/Drop and Late Registration</td>
<td>January 21 - February 3</td>
</tr>
<tr>
<td>(instructor permission required to add</td>
<td></td>
</tr>
<tr>
<td>Lab Science courses as of 1/28)</td>
<td></td>
</tr>
<tr>
<td>Last Day to File for May 2014 Degree</td>
<td>February 7</td>
</tr>
<tr>
<td>Presidents' Day - No Classes</td>
<td>February 17</td>
</tr>
<tr>
<td><strong>Monday Classes Meet, Tuesday Classes Susended</strong></td>
<td>February 18</td>
</tr>
<tr>
<td>Registration Begins for Summer 2014</td>
<td>March 3</td>
</tr>
<tr>
<td>(tentative)</td>
<td></td>
</tr>
<tr>
<td>Spring Recess - No Classes</td>
<td>March 10-16</td>
</tr>
<tr>
<td>Registration Begins for Fall 2014</td>
<td>March 17</td>
</tr>
<tr>
<td>(tentative)</td>
<td></td>
</tr>
<tr>
<td>Last Day to Opt P/F or Withdraw</td>
<td>April 4</td>
</tr>
<tr>
<td>Last Day of Regular Classes</td>
<td>April 29</td>
</tr>
<tr>
<td>Study/Snow Days/Alternate Class Days</td>
<td>April 30/May 1</td>
</tr>
<tr>
<td>Final Examinations/Final Class Meetings</td>
<td>May 2-8</td>
</tr>
</tbody>
</table>

### Summer Term 2014

#### SESSION I - 2014

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classes Begin</td>
<td>May 19</td>
</tr>
<tr>
<td><strong>5-Week Session</strong>,</td>
<td>May 19 - June 20</td>
</tr>
<tr>
<td><strong>10-Week Session</strong>,</td>
<td>May 19 - July 25</td>
</tr>
<tr>
<td><strong>12-Week Session</strong></td>
<td>May 19 - August 8</td>
</tr>
<tr>
<td>Add/Drop and Late Registration</td>
<td>May 19-20</td>
</tr>
<tr>
<td>Memorial Day Holiday – No Classes</td>
<td>May 26</td>
</tr>
<tr>
<td>(Make-up Day – May 30)</td>
<td></td>
</tr>
<tr>
<td>Make-up Day for Memorial Day</td>
<td>May 30</td>
</tr>
<tr>
<td>Last Day to Opt P/F or Withdraw for Five Week Session*</td>
<td>June 6</td>
</tr>
<tr>
<td>Summer II 5-Week Session Ends</td>
<td>June 20</td>
</tr>
</tbody>
</table>

#### SESSION II - 2014

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classes Begin - 2nd 5-Week Session</td>
<td>June 23</td>
</tr>
<tr>
<td>Add/Drop and Late Registration</td>
<td>June 23-24</td>
</tr>
<tr>
<td>July 4th Holiday – No Classes</td>
<td>July 4</td>
</tr>
<tr>
<td>Last Day to File for September Degree</td>
<td>July 11</td>
</tr>
<tr>
<td>Last Day to Opt P/F or Withdraw</td>
<td>July 18</td>
</tr>
<tr>
<td>Ten Week Session Ends</td>
<td>July 25</td>
</tr>
<tr>
<td>Summer II 5-Week Session Ends</td>
<td>July 25</td>
</tr>
</tbody>
</table>

#### SESSION III - 2014

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classes Begin – 3rd 5-Week Session</td>
<td>July 28</td>
</tr>
<tr>
<td>Add/Drop and Late Registration</td>
<td>July 28-29</td>
</tr>
<tr>
<td>12-Week Session Ends</td>
<td>August 8</td>
</tr>
<tr>
<td>Last Day to Opt P/F or Withdraw</td>
<td>August 22</td>
</tr>
<tr>
<td>Summer III 5-Week Session Ends</td>
<td>August 29</td>
</tr>
</tbody>
</table>

*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 2013-2014

| Classes Begin | January 6 |
| Add/Drop and Late Registration | January 6 |
| Classes End | January 17 |

### Weekend College 2013-2014

#### SESSION I, FALL 2013
- **A:** 1st Sat. 7-Week Session  
  September 7 - October 19
- **C:**  
  September 7-8; September 28-29; October 26-27
- **C:** (Off Campus)  
  September 14-15; October 5-6; November 2-3
- **G:** 1st Sunday 7-Week Session  
  September 8 - October 20

#### SESSION II, FALL 2013-14
- **A:** 2nd Sat. 7-Week Session  
  November 9 - January 4 (no class Nov. 30/Dec 28)
- **C:**  
  November 9-10; December 7-8, January 4-5
- **C:** (Off Campus)  
  November 16-17; December 14-15; January 11-12
- **G:** 2nd Sunday 7-Week Session  
  November 10 - January 5 (no class Dec. 1 and 29)

**No Classes:**  
November 30/December 1  
Thanksgiving  
December 28-29 New Year’s

#### SESSION III, SPRING 2014
- **A:** 1st Sat. 7-Week Session  
  January 25 - March 8
- **C:**  
  January 25-26; February 15-16; March 15-16
- **C:** (Off Campus)  
  February 1-2; February 22-23; March 22-23
- **G:** 1st Sunday 7-Week Session  
  January 26 - March 9

#### SESSION IV, SPRING 2014
- **A:** 2nd Sat. 7-Week Session  
  March 29 - May 10
- **C:**  
  March 29-30; April 19-20; May 10-11
- **C:** (Off Campus)  
  April 5-6; April 26-27; May 17-18
- **G:** 2nd Sunday 7-Week Session  
  March 30 - May 11

#### SESSION V, SUMMER 2014
- **A:** 7-Week Session - Sat.  
  June 28 - August 16 (no class July 5)
- **C:**  
  June 28-29; July 19-20; August 9-10
- **C:** (Off Campus)  
  July 12-13; August 2-3; August 23-24
- **G:** 7-Week Session  
  June 29 - August 17 (no class July 6)

**No Classes:** July 5/6 Independence Day Weekend
ENROLLMENT SERVICES

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 a five-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 of Admissions at 516-299-2900 or visit www.liu.edu/post/summer.

Evening Programs

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 of Admissions at 516-299-2900 or e-mail post-enroll@liu.edu.

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 of Admissions at 516-299-2900 or post-enroll@liu.edu.

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 of Admissions at 516-299-2900 or visit www.liu.edu/post/winter.

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.

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 of Admissions at 516-299-2900, e-mail: post-enroll@liu.edu.

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 email to: post-ELI@liu.edu. Visit our website at www.liu.edu/post/ELI.

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.

LIU Post Graduate Bulletin 2013 - 2014
ADMISSION

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/apply
Email: post-enroll@liu.edu
Website: www.liu.edu/post/graduate

Admission Procedures

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 are detailed online www.liu.edu/post/admissions/graduate.

A non-refundable $50 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.

Graduate Admission Status

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 email: 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 wishes 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.
6. 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.

International Students

Admissions Criteria

LIU Post welcomes applications for admission from international students. 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). A non-refundable US$50 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 at 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; 1-516-299-2900; email post-enroll@liu.edu.

Language Proficiency

- Minimum TOEFL 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.

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.
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.

Students have the option to repeat any course. Credits will be earned only once, and although the original grade remains on the student’s permanent record, the second grade (whether higher or lower) will be used in computing the cumulative grade point average. No student who has taken a course and received a passing grade in it may repeat that course for credits after he or she has taken a related course containing content of a higher level. No course may be repeated more than once, unless approved by the respective dean. If a course is taken more than twice, all grades after the first will be computed into the student’s G.P.A.

Required courses in which a grade of F was earned must be repeated within one year. Students are encouraged to repeat such courses, provided they are offered, during the subsequent semester; this applies particularly to those students who are on academic probation.

Students are responsible for monitoring their cumulative average to ensure they are meeting their requirements for graduation, as well as the requirements for satisfactory academic progress.

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 x 4 = 14.668), a B- in a 3-credit Biology course (2.667 x 3 = 8.001) and a B in another 3-credit Biology course (3.000 x 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.

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 website.

Academic Irregularities

In cases of academic irregularities or Excessive rates of unexcused absences may result in grades of (F) or (UW) for the course(s) in question.
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/post/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.

Course Numbers and Course Frequency

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/cwp/post/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.

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 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.

Change of Major

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.

Time Limit

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.

Oral Qualifying or Comprehensive Examination

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.

Graduation and Diplomas

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. 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 convenal regardless of the date of completion of requirements.

Transcript Requests

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 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 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 following options to secure transcripts, which cost $7 each.

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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, call 516-299-2756 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:
(a) Full name, address, social security number,
dates of attendance
(b) Name while enrolled, if different from (a).
(c) 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.

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**Additional Academic Policies**

Respective academic departments may have
additional academic policies. Exceptions to
academic policy provisions may be made only
with written permission from the appropriate dean.
G.P.A. of 3.5 are eligible for induction during their Association (MSWGSA) and achieve an overall Masters of Social Work Graduate Student profession. Graduate students who are active in the standards, ethics, and goals of the social work profession. Students must also demonstrate a commitment to dedication to the idea of service to humanity.

Graduate Social Work
516-299-3017. 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.

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.

Phi Gamma Mu – Social Sciences
Purpose: The purpose of Phi 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 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.
REGISTRATION

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 academic or financial holds on their accounts are able to register via self-service (via the student portal – my.liu.edu) for all subsequent terms. A registration reminder notice is sent to all students’ My LIU accounts prior to the start of the Summer/Fall and the Winter/Spring semester registration periods. The registration dates are also noted on the Academic Calendar and on the My LIU account under "Enrollment Dates." 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. Registration requirements may vary in certain academic departments. Check registration procedures specific to the academic departments. Information about course offerings, closed and cancelled classes is available through My LIU and the online Schedule of Classes. 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.

Admission of Undergraduate Students to Graduate Programs

A qualified LIU Post senior who needs less than a full program to meet his or her bachelor's degree requirements may concurrently register for undergraduate courses and a limited number of graduate courses, the credits from which may be applied toward his or her master's degree requirements. Any interested student must:

1. Complete an application for graduate admission,
2. Be provisionally accepted into the department or school,
3. Must notify the Registrar in writing of his or her intention to take graduate courses and reserve them for a subsequent graduate degree while being concurrently registered for undergraduate courses needed to complete his or her undergraduate degree,
4. Have his or her registration card signed by both the undergraduate and graduate academic counselors, and by the appropriate department chairperson and dean.

Graduate Credits Applied to Undergraduate Degree Requirements

A qualified LIU Post junior or senior student with a minimum cumulative grade point average of 3.25 may complete bachelor's degree requirements by taking graduate courses at the undergraduate tuition rate. Any extraordinary request for an exception to the 3.25 minimum average requirement must be presented to the Academic Standing Committee. Requests to register for graduate classes must be approved by the student’s undergraduate academic counselor, department chairperson and dean. Approval for the substitution of graduate courses for undergraduate requirements must be approved by the Academic Standing Committee as well. An undergraduate student may register for a maximum of 12 graduate credits in total under this policy. Credits earned in graduate courses that are applied to the bachelor's degree may not subsequently be applied to a master's degree. Exemptions to this policy are found in descriptions of accelerated or dual career programs.

Advisement

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 degree audit is available to all students in the "My Academics" section of the student portal by going to the Academic Requirements section. This details all degree requirements and tracks students' progression. A graduate student is encouraged not to take more than two consecutive courses in a single day.

Course Load

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.

Maintenance of Matriculation

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.

Leave of Absence

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 advisor. A student whose Leave of Absence extends beyond a year must apply for readmission to their academic program in accordance with procedures and policies stated in the Bulletin. 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.

Medical Leave of Absence

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.

**Readmission**

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.

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/GradPrograms.

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

**Program Changes**

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) or filing an official change of program card with the Registrar’s Office during the drop/add period at the start of each term. The deadline for all such program changes is specified in the academic calendar. After this time, these changes cannot be made.

**Audit**

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

**Withdrawal**

In order to withdraw from a course, a student must complete an Official Withdrawal Application and submit it to the Registrar’s Office prior to the withdrawal deadline 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). Please refer to the Withdrawal Policy section for further details regarding official and unofficial withdrawals.

**Class Size**

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.

**Payment of Tuition and Fees**

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). Students are responsible for making payment or approved payment arrangements by the first day of classes. Students who have decided not to attend should refer to the LIU Withdrawal Policy at http://www.liu.edu/SFS/Policies/Withdrawal. Students found to have violated the Academic Conduct Policy may not be permitted to withdraw from the class in which the violation occurred. Any balance not paid by the due date is subject to late payment fees. For further information, contact the Student Financial Services Office at 516-299-2323 or e-mail: Post-sfs@liu.edu or visit the Student Financial Services website. No registration may be considered completed without payment or an arrangement acceptable to the Student Financial Services Office. 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.
STUDENT FINANCIAL SERVICES

Through a mix of personal and online services, the Office of Student Financial Services has developed a system that supports our students in managing all aspects of financing their education. The goals and objectives of the Office is to help students obtain maximum eligible financial aid awards, provide comprehensive counseling sessions, optimize payment arrangements, disseminate financial aid and billing information clearly and understandably, support the University's mission of access and excellence, and increase and assist in student retention efforts.

Using the University's convenient My LIU portal at https://my.liu.edu, you can view your financial aid status and account activity, pay your bill online, make online appointments with counselors, and view "to do" items and "holds" that help you complete required tasks to ensure your continued enrollment at LIU Post. In addition to our online student portal, our experienced financial aid counselors will work closely with you and your family to ensure you receive world-class service throughout your college experience.

GRADUATE TUITION AND FEES
(2013-2014 RATES)

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 $1,110.00
Dietetic Internship, certificate, per credit 1,130.00
Speech Language Pathology, MA, per credit 1,130.00
Doctoral Degree and Doctoral Studies, 12+ credits, per term (years 1-3) 23,055.00
Tuition Deposit fee (nonrefundable) 200.00 - 500.00
Application fee (nonrefundable) 50.00
University fee, per semester:
   Students carrying 12 or more credits 850.00
   Students carrying 12.0 credits or less 425.00
Audit fee (half tuition and full fees), per credit 555.00
(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
   Maintenance of Matriculation fee, per term 250.00
Course fees, per semester:

NUR 600P, 700P 1,100.00
PSY 841 100.00
PSY 842 (Ph.D.) 2,900.00

Residence Life

RESIDENCE HALLS

Deposit (submitted with housing application) $300.00
Fall and Spring Accommodations, per term:
   Standard and Single 4,500.00
   Double Occupancy 3,917.00
   Triple Occupancy, Large 3,744.00
   Triple Occupancy, Temporary 3,305.00
   Quadruple Occupancy 3,917.00
   Triple Occupancy, Temperature Controlled 3,931.00
   Intersession, per week 265.00
Summer Accommodations, per session:
   Single Occupancy 1,958.00
   Double Occupancy 1,448.00
   Triple Occupancy 1,214.00
   Quadruple Occupancy 1,183.00
   Single Occupancy 392.00
   Double Occupancy 290.00
   Triple Occupancy 243.00
   Quadruple Occupancy 237.00

MEAL PLANS, per semester:
   Flex 1 (unlimited meals plus $300 dining dollars) 2,350.00
   Flex 2 (14 meals per week plus $300 dining dollars) 2,150.00

Page 19
Flex 3 (10 meals per week plus $300 dining dollars) 1,950.00

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 25.00
- 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 1599.00
- Rates for the Spring Semester (newly enrolled students), covers the policy period 1/1/14 - 8/14/14 1030.00
- Rates for the Summer Semester, covers the policy period 5/1/14 - 8/14/14 452.00

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 8/15/13 - 8/14/14. 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

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

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

<table>
<thead>
<tr>
<th>Time of Withdrawal</th>
<th>4-, 5- or 6-Week terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancellation prior to beginning of semester or session</td>
<td>Complete refund except for deposit.</td>
</tr>
<tr>
<td>Day 1 thru 2 of Term</td>
<td>100%</td>
</tr>
<tr>
<td>Day 3 thru 9 of Term</td>
<td>60%</td>
</tr>
<tr>
<td>Day 10 thru 16 of Term</td>
<td>25%</td>
</tr>
<tr>
<td>After day 16 of the Term</td>
<td>No refund</td>
</tr>
</tbody>
</table>
Students are liable for all charges incurred at the time of registration or
Financial Obligations

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.

**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**: 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**: 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

**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/SFS.

### 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 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 a 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.

### Time of Withdrawal

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

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

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

<table>
<thead>
<tr>
<th>Time of Withdrawal</th>
<th>Short-Term Institutes (3 weeks or less)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cancellation prior to beginning of first class</td>
<td>Complete refund except for deposit.</td>
</tr>
<tr>
<td>Day 1 of Term</td>
<td>100%</td>
</tr>
<tr>
<td>Day 2 of Term</td>
<td>80%</td>
</tr>
<tr>
<td>After Day 2 of the Term</td>
<td>No refund</td>
</tr>
</tbody>
</table>

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

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**LIU Post Graduate Bulletin 2013 - 2014**
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. 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.

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.

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 Services Corporation at 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 for more information. A detailed listing of New York State awards can be found online at: 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.

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 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 (SAP)

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 quantitatively and qualitatively 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: Students with fewer than 13 credits must maintain a 2.5 G.P.A., students who have earned 13 credits or more must maintain a 3.0 cumulative G.P.A.
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**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credits</th>
<th>G.P.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2nd</td>
<td>6</td>
<td>2.0</td>
</tr>
<tr>
<td>3rd</td>
<td>12</td>
<td>2.5</td>
</tr>
<tr>
<td>4th</td>
<td>21</td>
<td>2.75</td>
</tr>
<tr>
<td>5th</td>
<td>30</td>
<td>3.0</td>
</tr>
<tr>
<td>6th</td>
<td>45</td>
<td>3.0</td>
</tr>
<tr>
<td>7th</td>
<td>60</td>
<td>3.0</td>
</tr>
<tr>
<td>8th</td>
<td>75</td>
<td>3.0</td>
</tr>
</tbody>
</table>

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.
DIVISION OF STUDENT SUCCESS

The Division for Student Success supports all LIU Post students in developing an individualized educational experience, allowing them to maximize their knowledge and skills and fulfill their personal, professional and academic goals. Student Success provides programs and services that are appropriate to each student’s stage of development and responsive to each student’s strengths, needs and abilities, and employs varied modes of delivering these programs and services to benefit a diverse student population.

Student Life and Leadership Development

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.

Student Health and Counseling Center

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

Infirmary 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 86,000 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, 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 or delivered electronically.

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 40,000 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 58 current journal subscriptions, many of which are available full-text online.

Current subscriptions of more than 720 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 Treich Riches Heures de 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

As of a decade ago, Information Technology’s role has transformed from being two divisions of academic computing and administrative computing services into a single unit that facilitates and fosters technological innovations across the institution — moving the University ahead of the technology curve to build a competitive edge in higher education and to offer modern tools to our students, faculty, staff members and administrators.

The Information Technology department is responsible for managing all aspects of the University’s information technology operations, including administrative systems and computing, databases, dashboards, networking, and video and telecommunications infrastructure. Information Technology also provides oversight for University-wide information systems, compliance and security in accordance with policies set forth by University Counsel. Information Technology collaborates with Academic Affairs to implement a unified, comprehensive learning management system and online education initiatives. Information Technology also manages business process improvement initiatives across the University.

Students also have a specialized resource: The Center for Student Information. The CSI locations at each campus field questions and requests from students across the University. From learning how to navigate and make the most of their My LIU accounts, making payments online, or submitting assignments digitally, the CSI offices are staffed with friendly, helpful people who care about students. Students receive help from the CSI by email, phone, or in-person and online through an extensive collection of video- and pdf-based
Safety works closely with the Old Brookville and outdoor emergencies. The Department of Public services, an emergency alert system, and a fire prevention exercises, EMT services, escort traffic enforcement, crime prevention programs, comprehensive public safety program, including traffic enforcement, crime prevention programs, fire prevention exercises, EMT services, which is in service throughout the Fall and Spring Semesters; 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 Old Brookville and Old Westbury Police Departments, Roslyn Fire Department and 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.

MyLIU

My LIU is the University’s portal which provides students with convenient access to information about their records. By logging onto https://my.liu.edu, students may view the schedule of classes, register for courses, obtain their grades, and requests transcripts. They may also view financial aid awards, billing information, make online payments, accept and decline Federal Loans and Federal College Work Study, and make an appointment to see counselors. For more information, please visit or contact CSI.

Hillwood Commons

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, and staff 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.

Public Safety

Emergencies: 516-299-2222
Non-Emergencies: 516-299-2214
Email: publicsafety@cwpost.liu.edu

The Department of Public Safety is committed to providing a safe and secure environment for students, faculty, and visitors of LIU Post in Brookville, NY. We provide 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.

In event of emergency, the LIU Post Emergency Alert System is designed to instantly and simultaneously contact LIU Post students, faculty and staff via notifications to their official Long Island University e-mail account, a text message to their cell phone (if registered) and general announcements on LIU Post’s homepage www.liu.edu/post, as well as the campus official Facebook and Twitter accounts. All students, faculty and staff are requested to visit Center for 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.

Annual Campus Security Report

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, NY 11548 or by accessing the following website: 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.

Emergency Management

LIU Post’s Department of Public Safety administers a comprehensive public safety program, including traffic enforcement, crime prevention programs, fire prevention exercises, EMT services, which is in service throughout the Fall and Spring Semesters; 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 Old Brookville and Old Westbury Police Departments, Roslyn Fire Department and Nassau County Office of Emergency Management.

In event of emergency, the LIU Post Emergency Alert System is designed to instantly and simultaneously contact LIU Post students, faculty and staff via notifications to their official Long Island University e-mail account, a text message to their cell phone (if registered) and general announcements on LIU Post’s homepage www.liu.edu/post, as well as the campus official Facebook and Twitter accounts. All students, faculty and staff are requested to visit Center for 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.

Disability Support Services (DSS)

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 extracurricular, 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 (DSS) 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. Campus departments will be notified, as necessary, of the need for additional accommodations noted in the student’s documentation. Accommodations Forms must be obtained each semester, before the semester begins. DSS files are confidential.

Accommodations

Accademic accommodations are provided to students with disabilities by their individual professors within the academic departments. Accommodations will be made by other campus departments as required for non-academic matters. 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 Rehabilitation Act of 1973. Appropriate 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 and/or non-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. More specific information on documentation requirements can be obtained by going to the DSS website at http://www.liu.edu/post/learningsupport. A student may contact the office of Disability Support Services at 299-3057.
Determined 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 from the faculty and staff, as needed.

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, Disability Support Services may propose clinically supported accommodations that would be appropriate and useful for the student, but which neither the student nor the evaluator have requested.

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, that is unreasonable, 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 an administrator for DSS to resolve the matter informally. Students may appeal the denial of the DSS determination to the Associate Provost for Student Success.

International Student Services
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 725 international students from over 45 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.

Community Standards & Civic Engagement
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.

Religious Life
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.

Residence Life
Welcome to your new home away from home! LIU Post is recognized as one of the safest and most beautiful college campuses in the country. Eight campus residence halls are tailored to individual needs, from quiet study to semi-private suites. The majority of our residential population is comprised of undergraduate students and some graduate students enrolled in full-time study.

As a residential student, you will be part of an exciting college community that attracts students from all over the world. You will be living right in the heart of the action – minutes away from club meetings and concerts, free weekend movies at the
Hillwood Commons cinema, and major events like Homecoming and the Pratt After Dark Carnival. Our residence halls are within easy walking distance to academic buildings, the student center, dining halls and a spectacular recreation center. Off-campus, take advantage of our close proximity to New York City – only a 45-minute train ride away. On Long Island, explore the great restaurants, shopping malls and beaches located within miles of the campus. Living on campus allows you to become totally immersed in college life. You’ll enjoy the freedom of living on your own, while meeting new people and making lasting friendships.

Residence Halls

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 Regents – 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.

Consolidation: The University reserves the right to consolidate residents, on written notice. When vacancies are created and no waiting list for housing exists, residents who live alone in a double room will be offered the option of maintaining their location at the single room rate. If the resident declines the single room rate option, they may identify a new roommate to fill the vacant space in their room. If the resident declines the option of a single and is unable to identify a preferred roommate they will be consolidated to another double occupancy space within their building, within 10 business days of receipt of the single room rate option. Should a resident receive a notice of consolidation and fail to comply, their account will be adjusted to reflect the single rate retroactive to the date that the single room rate option was first offered.

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.

<table>
<thead>
<tr>
<th>Withdrawals</th>
<th>Fall/Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Calendar Week</td>
<td>90%</td>
<td>60%</td>
</tr>
<tr>
<td>2nd Calendar Week</td>
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<tr>
<td>3rd Calendar Week</td>
<td>50%</td>
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</tr>
<tr>
<td>4th Calendar Week</td>
<td>No Refund</td>
<td>No Refund</td>
</tr>
</tbody>
</table>

Digital Art and Design Lab

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 flattened 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.

Digital Games Lab

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.

Music Technology Laboratory

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.

Media Arts Labs

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.

Jerrold Mark Ladge Speech and Hearing Center

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 or view our website at www.liu.edu/post/ladge.

Benjamin and Elizabeth Abrams Communication Center

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. 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.

**Tilles Center for the Performing Arts**

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 to many of the world’s finest performers, ensembles, Broadway tours and comedians, from the New York Philharmonic to Whoopi Goldberg. Tilles Center presents nearly 70 performances annually, incorporating every style from classical music, dance and opera to jazz, rock and hip-hop, including programs designed especially for families and children. LIU students receive substantial discounts on many Tilles Center events. The Box Office can provide current schedules and prices at 516-299-3100 or www.tillescenter.org.

**Steinberg Museum of Art at Hillwood**

Steinberg Museum of Art, 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.

Steinberg Museum of Art 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.

**Pratt Recreation Center**

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 Recreation 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.

**Recreational Sports**

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 the University learning experience and to foster learning and recreational sports and activities for our students, staff, faculty, and alumni as well as members of the local community.

**Teaching and Learning Initiative**

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.

**Winnick Student Center**

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.

**LIU Post Community Arboretum**

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 or call the LIU Post Office of Community Relations at 516-299-3500.
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

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
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 in addition to 3 credits in biology and 3 credits in a physical science (physics or chemistry preferred):
Course Credits
MTH 19 Basic Statistics 3
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
or EDU700A Psychological Foundations of Education
EDU 14 Historical, Philosophical, and Sociological Foundations of Education 3
or 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. Students with majors other than CSD may apply with their current credentials. 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 three 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 personal experiences and characteristics that make you well suited 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

**Requirements (58-61 credits)**

## Required Speech-Language Pathology Courses:

### List 1

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 601</td>
<td>Neuroanatomy of the Speech/Language and Hearing Mechanism</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 610</td>
<td>Speech Science</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 620</td>
<td>Clinical Methods and Focused Observation in Speech-Language Pathology</td>
<td>1.00</td>
</tr>
<tr>
<td>SPE 625</td>
<td>Intro Clinical Practice Speech-Language Pathology</td>
<td>2.00</td>
</tr>
<tr>
<td>SPE 626</td>
<td>Diagnostic Lab: Evaluation of Communication Disorders</td>
<td>1.00</td>
</tr>
<tr>
<td>SPE 627</td>
<td>Audiology Lab</td>
<td>1.00</td>
</tr>
<tr>
<td>SPE 628</td>
<td>Clinical Practicum in Speech-Language Pathology I</td>
<td>2.00</td>
</tr>
<tr>
<td>SPE 631</td>
<td>Clinical Practicum in Speech Language Pathology IV - Adults</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 632</td>
<td>Practicum in a School Setting</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 633</td>
<td>Diagnostic Procedures in Speech-Language Pathology</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 680</td>
<td>Swallowing Disorders in Children and Adults for the Speech-Language Pathologist</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 682</td>
<td>Voice Disorders</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 684</td>
<td>Stuttering</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 685</td>
<td>Aphasia and Related Disorders</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 687</td>
<td>Phonological and Articulation Disorders in Children</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 689</td>
<td>Language Disorders in Children and Adolescents</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 690</td>
<td>School-Based Language Intervention for the Speech-Language Pathologist</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 691</td>
<td>Motor Speech Disorders in Children and Adults</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 692</td>
<td>Aural Rehabilitation</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 707</td>
<td>Research Problems in Speech-Language Pathology</td>
<td>3.00</td>
</tr>
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</table>

### List 2 (choose 1)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDU 613</td>
<td>Methods and Materials in Speech-Language Pathology</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 634</td>
<td>P A S S: Practical Applications for School Speech-Language Pathologists</td>
<td>3.00</td>
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## Elective Speech Language Pathology Courses

<table>
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<th>Credits</th>
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<tr>
<td>EDU 613</td>
<td>Methods and Materials in Speech-Language Pathology</td>
<td>3.00</td>
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<tr>
<td>SPE 629</td>
<td>Clinical Practicum in Speech-Language Pathology II (optional)</td>
<td>1.00</td>
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<tr>
<td>SPE 634</td>
<td>P A S S: Practical Applications for School Speech-Language Pathologists</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 683</td>
<td>Craniofacial Anomalies and Related Disorders of Speech</td>
<td>3.00</td>
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<tr>
<td>SPE 694</td>
<td>Communication-Based Intervention for Infants and Toddlers</td>
<td>3.00</td>
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## Culminating Experience:

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

### Thesis Course

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>SPE 708</td>
<td>Thesis Seminar</td>
<td>3.00</td>
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</tbody>
</table>
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 school. 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 Lab 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 Audiology Lab
This course is designed to fulfill Audiology Lab hours for the Speech Language Pathology Master of Arts Degree. The Lab 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 New York State 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.
Credit: 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.
Credit: 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.
Credit: 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.
Credit: 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.

Credit: 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.

Credit: 3
Every Summer

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.

Credit: 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 be able to differentiate normal disfluencies from stuttering, understand the role of emotions in stuttering, and demonstrate various counseling techniques. Demonstrate differences in stuttering modification and fluency shaping techniques.

Prerequisite or Co-requisite of SPE 601 is required.
Credit: 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.
Credit: 3
Every Spring

SPE 686 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 highlight 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.
Credit: 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 in 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 mainstreming. 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 presentations 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
Co-Chairs: Susan Fife Dorchak, Christopher Malinowski
Senior Professor: White
Professor: Dorchak
Associate Professors: Heim, Malinowski, Rozenshtein
Assistant Professor: 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 as used in 98% of Fortune 500 companies.

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 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)

One elective from MGE, 3.00
CS or IT

Required Management Engineering Capstone Courses
Management Engineering Thesis
MGE 709 Management Engineering 3.00
Thesis
OR
Project Management Practicum
MGE 695 Project Management 3.00
Practicum

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGE 501</td>
<td>Engineering Economic Analysis I</td>
<td>3.00</td>
</tr>
<tr>
<td>MGE 521</td>
<td>Project Management Principles</td>
<td>3.00</td>
</tr>
<tr>
<td>MGE 523</td>
<td>Quality and Process Improvement</td>
<td>3.00</td>
</tr>
<tr>
<td>MGE 525</td>
<td>Communications Management</td>
<td>3.00</td>
</tr>
<tr>
<td>MGE 611</td>
<td>Engineering Cost Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>MGE 621</td>
<td>Project Planning and Control</td>
<td>3.00</td>
</tr>
<tr>
<td>MGE 627</td>
<td>Project Risk Management</td>
<td>3.00</td>
</tr>
<tr>
<td>MGE 629</td>
<td>Human Resource Management &amp; Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>MGE 633</td>
<td>Systems Engineering</td>
<td>3.00</td>
</tr>
<tr>
<td>MGE 503 or MGE 707</td>
<td>Technical Communications or Management Engineering Thesis</td>
<td>3.00</td>
</tr>
</tbody>
</table>
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:
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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)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 502 Computers and Programming (3)</td>
<td></td>
</tr>
<tr>
<td>CS 504 Intermediate Programming (3)</td>
<td></td>
</tr>
<tr>
<td>CS 506 Networking Systems Fundamentals (3)</td>
<td></td>
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<tr>
<td>CS 508 Computer Systems and Architecture (3)</td>
<td></td>
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<tr>
<td>CS 540 Database Fundamentals (3)</td>
<td></td>
</tr>
<tr>
<td>CS 554 Information Systems Development (3)</td>
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</tbody>
</table>

### 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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CS 600 Database Design</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 602 Database Implementation and Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 614 Information Systems Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 616 Information Systems Design and Implementation</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### M.S. in Information Technology

**Education Requirements**

**Required Information Technology Education Courses**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CS 502 Computers and Programming</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 504 Intermediate Programming</td>
<td>3.00</td>
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<tr>
<td>CS 506 Networking Systems Fundamentals</td>
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</tr>
<tr>
<td>CS 554 Information Systems Development</td>
<td>3.00</td>
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<tr>
<td>CS 580 Methods and Tools for Technical Training</td>
<td>3.00</td>
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**One of the following:**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CS 590 Computer User Support</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 624 Communicating and Documenting Information Systems</td>
<td>3.00</td>
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</tbody>
</table>

**Elective Information Technology Education Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CS 622 Management and Economics of Information Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>One elective from CS, IT, TEL or MGE</td>
<td></td>
</tr>
<tr>
<td>CS 624 Communicating and Documenting Information Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 636 Enterprise Networks</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 650 Human Computer Interaction</td>
<td>3.00</td>
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</table>

**Required Information Systems Capstone Courses**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>CS 694 Information Systems Practicum</td>
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**OR Thesis Course**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CS 708 IS/ITE Thesis Writing</td>
<td>3.00</td>
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</tbody>
</table>

### M.S. in Information Technology Education

**Education Requirements**

**Required Information Technology Education Courses**

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<tr>
<td>CS 624 Communicating and Documenting Information Systems</td>
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**Elective Information Technology Education Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any two courses in graduate Computer Science (CS), Management Engineering (MGE) or Telecommunications (TEL)</td>
<td></td>
</tr>
</tbody>
</table>
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 and Spring

**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.

**C 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 pitfalls 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.

Computer Usage Fee  
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 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-based courseware.

Prerequisite of CS 504, 506, 508 is required.  
Credits: 3  
On Occasion

**CS 583 Special Topics**
The specific contents of these courses may vary each time they are offered. Topics and prerequisites are announced before the registration period begins.

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 Fall

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 Spring

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 personnel, the role of the 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 Fall

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 On Occasion

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 Fall

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 538 & 534 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 precore 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, push and pull technology, multicasting and personalized mail. Prerequisite of IS precore courses and CS 600 are required.
Credits: 3
On Occasion

CS 690 Special Topics in IS/TTE
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/TTE
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 Fall and Spring

CS 700 IS/TTE 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/TTE 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
On Occasion

CS 708 IS/TTE 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 Fall

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 503 Technical Communication
This course covers various forms of written and oral communications for technical practitioners and managers. Students are required to build a technical communication portfolio consisting of successful examples such as definitions, descriptions, procedures and specifications on the technical side and also will include memos, e-mails, reports and decision support research for the business related aspects of the technical manager's role. Students will be responsible for creating and presenting various technical and managerial topics.
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.
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, costvolume 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 621 is required.
Credits: 3
Every Fall

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 Spring

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 (CEIs). 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 Fall

MGE 629 Human Resource Management &
### 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  
**Every Spring**

### 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 Spring**

### 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 the 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 the 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 Fall and 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
On Occasion

**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
On Occasion

**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
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 Clinical Mental Health Counseling. Coursework encompasses theory, practice, 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 Counselor

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 the 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

Send application materials to:
Graduate Admissions Office
LIU Post
720 Northern Boulevard
Brookville, N.Y. 11548-1300

School Counseling M.S. Degree Requirements

(48 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tr>
<td>EDC</td>
<td>Counseling Practicum</td>
<td>6.00</td>
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<tr>
<td>EDC</td>
<td>Career Development</td>
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<tr>
<td>EDC</td>
<td>Group Counseling: Theory and Practice</td>
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<tr>
<td>EDC</td>
<td>Research Methods In Counseling</td>
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<tr>
<td>EDC</td>
<td>Diversity and Socio-Cultural Issues in Counseling</td>
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<tr>
<td>EDC</td>
<td>Socio Cultural Issues in Counseling: A Field Based Experience</td>
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School Counseling Specialization Requirements

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<th>Credits</th>
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<tr>
<td>EDC</td>
<td>Counseling for the College Admission and Selection Process</td>
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<tr>
<td>EDC</td>
<td>Educational Tests and Measurements</td>
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<td>EDC</td>
<td>School Counseling Internship I</td>
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<tr>
<td>EDC</td>
<td>School Counseling Internship II</td>
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<tr>
<td>EDC</td>
<td>Elective</td>
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<td>EDC</td>
<td>Trauma Counseling</td>
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<tr>
<td>EDC</td>
<td>Family Counseling</td>
<td>3.00</td>
</tr>
<tr>
<td>EDC</td>
<td>Principles of Couple Counseling</td>
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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 an oral exam administered by two faculty members.

Students must take the Child Abuse Workshop,
M.S. in Clinical Mental Health Counseling

The 60-credit Master of Science in Clinical Mental Health Counseling is a "licensure qualifying" program with the New York State Education Department, Office of the Professions which prepares students for a career as a mental health counselor. Upon completion of the master's degree graduates of the clinical mental health counseling program automatically meet the educational requirements for licensure as a mental health counselor in New York State. 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 Clinical 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).

ADMISSION REQUIREMENTS

Applicants to the Master of Science in Clinical 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

Clinical Mental Health Counseling

M.S. Degree Requirements

(60 Credits)

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>EDC 610</td>
<td>Psychopathology for the Professional Counselor</td>
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<td>EDC 614</td>
<td>Human Growth and Development Over the Lifespan</td>
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<td>EDC 615</td>
<td>Theories Of Counseling</td>
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<td>EDC 668</td>
<td>Counseling Pre-Practicum</td>
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<td>EDC 669</td>
<td>Counseling Practicum</td>
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<tr>
<td>EDC 676</td>
<td>Career Development</td>
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EDC 687 Group Counseling:Theory and Practice 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

Clinical Mental Health Counseling Specialization Requirements

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<thead>
<tr>
<th>Course</th>
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<tr>
<td>EDC 601</td>
<td>Foundations of Clinical Mental Health Counseling and Ethics</td>
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<td>EDC 608</td>
<td>Assessment and Intervention Strategies in Clinical Mental Health Counseling</td>
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<td>EDC 616</td>
<td>Family Counseling</td>
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<td>EDC 660</td>
<td>Practicum In Psychological Testing for Counselors</td>
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<td>EDC 684</td>
<td>Clinical Mental Hlth Coun Intrshp II</td>
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Clinical Mental Health Counseling M.S. Electives - 4 Electives

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<tr>
<th>Course</th>
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<tr>
<td>EDC 612</td>
<td>Trauma Counseling</td>
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<tr>
<td>EDC 617</td>
<td>Principles of Couple Counseling</td>
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<td>EDC 652</td>
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<td>EDC 654</td>
<td>The Counselor Examines Alcoholism and Substance Abuse</td>
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<td>EDC 657</td>
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<td>EDC 658</td>
<td>Critical Treatment Issues</td>
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**Students must take the Child Abuse Workshop.**

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### 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 Foundations of Clinical Mental Health Counseling and Ethics** 3.00
- **EDC 608 Assessment and Intervention Strategies in Clinical Mental Health Counseling**
- **EDC 616 Family Counseling** 3.00
- **EDC 683 Clinical Mental Health Counseling Internship I** (300 hours) 3.00
- **EDC 684 Clinical Mental Health Counseling Internship II** (300 hours) 3.00

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.

### Mental Health Counseling Advanced Certificate Requirements

- **EDC 601 Foundations of Clinical Mental Health Counseling and Ethics** 3.00

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**Office of Alcohol and Substance Abuse Services’ (OASAS) Education and Training Program**

The M.S. in Clinical Mental Health Counseling program has been approved as an Education and Training Program by OASAS for the CASAC-T. Graduates of the master's degree program in Clinical Mental Health Counseling who complete the requisite coursework will meet the 350 hour education and training requirements for the Certified Alcohol and Substance Abuse Counselor-Trainee (CASAC-T) designation. Graduates of the master's degree program will also meet 4000 of the 6000 hours requirement for full certification as a CASAC. In addition, if the graduate completed their 100 Counseling Practicum hours and their 600 Clinical Mental Health Counseling Internship hours at an OASAS affiliated facility, then the number of experiential hours needed for full certification as a CASAC will only be 1300. Individuals interested in securing their CASAC-T designation must inform the Chair of the Department of Counseling and Development in writing of their intent to pursue the CASAC-T upon admission of the program.
Counseling and Development Courses

EDC 601 Foundations of Clinical Mental Health Counseling and Ethics
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. Students will also be exposed to the ethical and legal responsibilities of a clinical mental health counselor. The ACA and AMHCA Code of Ethics will be extensively covered.
Credits: 3
Every Fall and Spring

EDC 602 Introduction to School Counseling and Ethics
This is the basic introductory course that exposes the student to the world of professional counseling with and emphasis on school counseling. It also provides the students with training in ethics within the counseling profession with specific attention given to the American Counseling Association (ACA) Code of Ethics and the Code of Ethics of the American School Counselors Association (ASCAS). This foundation course prepares students to apply basic counseling skills in the elementary, middle and high school settings. Emphasis is placed on the expanded role of the school counselor in curriculum, instruction, assessment, and consultation, as well as providing training in the ASCA National Model of School Counseling. Focus is placed on the various roles of the school counselor, tools and strategies appropriate in the school setting, and consultation and collaboration with other school personnel. The course will also cover concepts and techniques of the counseling process in the school setting, behavioral and developmental problems, and enhancing the creative capabilities of students. It will help to prepare prospective school counselors in helping students reach their academic, career, social, and personal potential. The course will also explore job opportunities on Long Island, New York City, upstate New York and nationally.
Credits: 3
Every Fall

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 5; 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 Psychopathology for the Professional Counselor
This course provides an in-depth review of a broad spectrum of psychopathological conditions as defined in the current edition of the Diagnostic and Statistical Manual (DSM) of the American Psychiatric Association. The course will focus on understanding the etiology, prevalence and incidence, signs and symptoms of the various mental disorders delineated in the DSM. A focus will also be placed on learning the criteria necessary to provide a differential diagnosis. There will also be an emphasis on increasing understanding of clinical issues and current research in development and maladaptive behavior and on comparing and contrasting different theoretical perspectives on each mental disorder. Ethical issues and limitations related to current diagnostic systems will be discussed. This course will provide the student with a solid foundation in psychopathology and enhance the student’s mastery in understanding the pathogenesis of the various mental disorders.
Credits: 3
Every Fall and Spring

EDC 612 Trauma Counseling
This course validates and addresses the emergent new field of trauma studies and the growing body of trauma-related best practices. It provides mental health counselor, and other mental health practitioners with a comprehensive review of the various types of trauma experiences, the human vulnerability for traumatic experiences across the life span, and the intersections among trauma, crisis and disaster events. It discusses pertinent diagnostic and case conceptualization issues as well as presents individual systems interventions and collaborations. The course offers and presents a rich array of trauma-related resources which include websites, films, manuals, DVDs and a variety of other useful tools. Pre requisite of EDC 610 is required.
Credits: 3
Alternate Semesters

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 610 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
treatment will be evaluated, and varied techniques
will be studied.
Credits: 3
Rotating Basis

**EDC 657 Counseling Families with Alcoholism and Substance Abuse**
Consideration of theories, practices, problems and trends as they relate to counseling the family affected by alcoholism or substance abuse. Sessions will include lectures, films and role-playing to explore the kinds of problems present and the different approaches to counseling these families. Prerequisite of EDC 654 is required.
Credits: 3
Rotating Basis

**EDC 658 Critical Treatment Issues Confronting Professional Counselors**
Newly graduated mental health professionals are frequently confronted with specific mental health issues or common client problems for which they do not feel adequately prepared to deal with. Such mental health issues/problems include eating disorders, sexual abuse, self-injurious behavior, body-image disorders, suicide, trauma, grief/bereavement and sexual preference issues. This course will provide the counselor trainee with essential information on these critical issues so that they will develop a solid foundation from which to develop competencies and skills necessary to treat clients manifesting these issues. This course is intended to enhance awareness, promote professional competence and provide sufficient basic information about treatment options available and resources to consult for further information. Pre requisite of EDC 610 is required.
Credits: 3
Alternate Semesters

**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 660 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 660 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 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 on-site 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.

*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, psychocultural 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 Counseling 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 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.

**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 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**
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:

Choose from:
- Final Project (0 credits)
- Comprehensive Exam (0 Credits)
- Thesis Seminar (3 credits)

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), 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/) 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 (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)

**A grade of “B” or higher is required in all education courses**

**Required Pedagogical Core Courses**

<table>
<thead>
<tr>
<th>EDI</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>615</td>
<td>Early Childhood Curriculum: Birth to Preschool</td>
<td>3.00</td>
</tr>
<tr>
<td>616</td>
<td>Early Childhood Curriculum: Kindergarten to Grade 2</td>
<td>3.00</td>
</tr>
<tr>
<td>618</td>
<td>Creative Expression for Early Childhood</td>
<td>3.00</td>
</tr>
<tr>
<td>625</td>
<td>Observation and Assessment in Early Childhood</td>
<td>3.00</td>
</tr>
<tr>
<td>639</td>
<td>Play In the Curriculum</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Co-Related Content Courses**

<table>
<thead>
<tr>
<th>EDS</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>Beg Read &amp; Writ Emergent Lit</td>
<td>3.00</td>
</tr>
<tr>
<td>610</td>
<td>Literacy Teaching and Learning: Birth-Grade 6</td>
<td>3.00</td>
</tr>
<tr>
<td>633</td>
<td>Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Health and Substance Abuse Workshop**

<table>
<thead>
<tr>
<th>HE</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>205A</td>
<td>Adolescent Health-Risk Wkshp</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Required Student Teaching Course**

<table>
<thead>
<tr>
<th>EDI</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>552</td>
<td>Pre-Student Teaching Seminar: Critical Issues in Education</td>
<td>0.00</td>
</tr>
<tr>
<td>713</td>
<td>Supervised Student Teaching and Seminar in Early Childhood Education</td>
<td>6.00</td>
</tr>
</tbody>
</table>

**Culminating Experience (0-3 Credits):**
You can choose one of three culminating experiences:
In the required courses you will study the physical, intellectual, emotional and social development of 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 and 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" as well as methods courses in a variety of subject areas aligned with the Common Core Learning Standards. After completing 12 education credits, all students take a seminar in Health and Substance Abuse.

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), you will be awarded Initial Teaching Certification by the New York State Department of Education for Early Childhood: Birth to Grade 2 and Childhood Education. 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/) for the most up to date changes in certification requirements.

ADMISSION REQUIREMENTS

• Applicants to the Early Childhood Education/Childhood Education (Birth to Grade 6) must meet the following requirements for admission.
• Application for Admission.
• Application fee (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 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 Early Childhood

The Master of Science dual degree in Early Childhood Education/Childhood Education prepares professional teachers and leaders to work with children from birth to grade 6. Graduates develop multiple lenses to view children’s growth and development, care and education, methods of assessment, and diverse educational environments in a child-centered program.

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 through grade 6. The program is designed for individuals who have earned a bachelor's degree from an accredited university or 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 from Birth to sixth grade levels. This program meets the New York State master's degree requirements for Professional Teaching Certification.

The M.S. degree curriculum comprises 14 education courses (42 credits), Practicum in Early Childhood in a Preschool Context (3 credits), and Supervised Student Teaching and Seminar in Childhood (3 credits).

M.S. in Childhood

Education/Literacy (Dual Certification)

See the Department of Special Education and Literacy section of this bulletin for program description, program requirements and admission requirements.

M.S. in Childhood

Education/Special Education (Dual Certification)

See the Department of Special Education and Literacy section of this bulletin for program description, program requirements and admission requirements.

M.S in Early Childhood

Education/Childhood Education (Dual Certification)

The Master of Science dual degree in Early Childhood Education/Childhood Education prepares professional teachers and leaders to work with children from birth to grade 6. Graduates develop multiple lenses to view children’s growth and development, care and education, methods of assessment, and diverse educational environments in a child-centered program.

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 through grade 6. The program is designed for individuals who have earned a bachelor's degree from an accredited university or 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 from Birth to sixth grade levels. This program meets the New York State master's degree requirements for Professional Teaching Certification.

The M.S. degree curriculum comprises 14 education courses (42 credits), Practicum in Early Childhood in a Preschool Context (3 credits), and Supervised Student Teaching and Seminar in Childhood (3 credits).
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:
- Final Project (0 credits)
- Comprehensive Exam (0 Credits)

**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: (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

**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 Abuse Workshop**
- HE 205A Adolescent Health-Risk 0.00 Workshop

**Required Student Teaching Courses**
- EDI 552 Pre-Student Teaching 0.00 Seminar: Critical Issues in Education
- EDI 709 Supervised Student 6.00 Teaching and Seminar in the Elementary School

**Culminating Experience (0-3 Credits):**
You can choose one of three culminating experiences:
- Final Project (0 credits), required if applying for teacher certification
- Comprehensive Exam (0 Credits)
- Thesis Seminar (3 credits)

**Final Project (0 credits), required if applying for teacher certification**
- Thesis Seminar (3 credits)

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act) 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/) for the most up to date changes in certification requirements.

**MS in Childhood Education Leading to NYS Initial Certification in Grades 1-6**

**Degree Requirements**

<table>
<thead>
<tr>
<th>Course/Prerequisite Courses**</th>
<th>EDI 600 Psychological Foundations of Education 3.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EDI 601 Social Foundations of American Education 3.00</td>
</tr>
<tr>
<td></td>
<td>EDI 643 Education for Cultural Diversity 3.00</td>
</tr>
<tr>
<td></td>
<td>EDI 677 Curriculum Development for the Classroom Teacher 3.00</td>
</tr>
</tbody>
</table>

**Free Electives**
Courses that are not being used to satisfy major or core requirements.
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 concentrations: 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)

**A grade of “B” or higher is required in all education courses**

### Required Middle Childhood Education Core Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDI 550</td>
<td>Psychology of the Early Adolescent Student</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 554</td>
<td>Organization and School</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 610</td>
<td>General Methods of Teaching</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 700</td>
<td>Introduction to Educational Research</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 633</td>
<td>Accommodating Learners</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 641</td>
<td>Literacy In Content Area</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td><strong>A grade of “B” or higher is required in all education courses</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Health & Substance Abuse Workshop

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HE 205A</td>
<td>Adolescent Health-Risk Workshop</td>
<td>0.00</td>
</tr>
</tbody>
</table>

### Required Student Teaching Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDI 552</td>
<td>Pre-Student Teaching Seminar: Critical Issues in Education</td>
<td>0.00</td>
</tr>
<tr>
<td>EDI 711</td>
<td>Supervised Student Teaching and Seminar in the Middle School</td>
<td>6.00</td>
</tr>
</tbody>
</table>

### Culminating Experience (0-3 Credits):

You can choose one of three culminating experiences:

- Final Project (0 credits), required if applying for teacher certification
- Comprehensive Exam (0 Credits)

### Biology Requirements

#### Required Biology Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 505</td>
<td>Sources in Biological Research</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 513</td>
<td>Biological Chemistry</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### AND one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 503</td>
<td>Modern Concepts of Evolution</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 520</td>
<td>Cell Biology</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 604</td>
<td>Biological Chemistry Laboratory</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### AND one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 510</td>
<td>Molecular Biology</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 525</td>
<td>Eukaryotic Genetics</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 530</td>
<td>Clinical Genetics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Elective Biology Course

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 501</td>
<td>Population Ecology</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 517</td>
<td>Vascular Plants of Long Island</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 518</td>
<td>Ecology</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 609</td>
<td>Marine Ecology</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Earth Science Requirements

#### Required Earth Science Courses

All of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERS 513</td>
<td>The Earth Environment I</td>
<td>4.00</td>
</tr>
<tr>
<td>ERS 514</td>
<td>The Earth Environment II</td>
<td>4.00</td>
</tr>
</tbody>
</table>

#### AND one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GGR 518</td>
<td>Topics in Applied Conservation</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 510</td>
<td>Oceanography</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 511</td>
<td>Continental Drift and Plate Tectonics</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 520</td>
<td>Sedimentary Geology</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 521</td>
<td>Stratigraphy</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Elective Earth Science Courses

At least nine credits of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AST 501</td>
<td>Spherical and Elliptical Astronomy</td>
<td>3.00</td>
</tr>
<tr>
<td>ERS 515</td>
<td>Principles of Meteorology</td>
<td>3.00</td>
</tr>
<tr>
<td>ERS 700</td>
<td>Research Problems in Earth Science</td>
<td>1.00</td>
</tr>
<tr>
<td>GGR 515</td>
<td>Principles of Meteorology</td>
<td>3.00</td>
</tr>
<tr>
<td>GGR 518</td>
<td>Topics in Applied Conservation</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 510</td>
<td>Oceanography</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 511</td>
<td>Continental Drift and Plate Tectonics</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 513</td>
<td>Marine Geology</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 514</td>
<td>Marine Sedimentary Environment</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 516</td>
<td>Physical Oceanography</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 517</td>
<td>Geomorphic Processes</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 518</td>
<td>Groundwater Geology</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 520</td>
<td>Sedimentary Geology</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 521</td>
<td>Stratigraphy</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 522</td>
<td>Structural Geology</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 523</td>
<td>Environmental Geochemistry</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 524</td>
<td>Methods of Mineral Identification</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 526</td>
<td>Earth Materials</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 533</td>
<td>Methods of Field Geology for Earth Science Teachers</td>
<td>3.00</td>
</tr>
<tr>
<td>GLY 549</td>
<td>The Age of Mammals</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 710</td>
<td>Research and Criticism</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Elective English Literature/Language Distribution Courses

Students must complete a maximum of one course/three credits from five of the following ten areas:

#### Classical/Early Literature and Language

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 709</td>
<td>Classical Literature in Translation</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 711</td>
<td>Mythology</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 712</td>
<td>Geoffrey Chaucer: A Writer and His World</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Literature of the English Renaissance

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 713</td>
<td>Literature of the English Renaissance</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 714</td>
<td>Shakespeare</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 715</td>
<td>Shakespeare's Late Plays</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 716</td>
<td>Jacobean and Caroline Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 717</td>
<td>Metaphysical and Cavalier Poetry</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 718</td>
<td>Seventeenth-Century Prose Style</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 719</td>
<td>Milton</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Literature of the Restoration and Eighteenth Century

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 720</td>
<td>18th-Century Literature and Life</td>
<td>3.00</td>
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</tbody>
</table>

#### Romantic and Victorian British Literature

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 721</td>
<td>The Romantic Movement</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 722</td>
<td>Studies in Victorian Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 723</td>
<td>Gerard Manley Hopkins</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 724</td>
<td>The Gothic</td>
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#### Seventeenth- to Nineteenth-Century American Literature

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ENG 725</td>
<td>American Renaissance</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 726</td>
<td>Late 19th-Century American Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 727</td>
<td>Hawthorne and James: From Romance to Realism</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 746</td>
<td>American Slave Narratives</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 774</td>
<td>American Colonial Literature</td>
<td>3.00</td>
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#### Twentieth- and Twenty-First Century Literature

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENG 729</td>
<td>Modern Poetry</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 730</td>
<td>The Modern Novel</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 731</td>
<td>Modern Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 732</td>
<td>Modern British Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 733</td>
<td>Twentieth-Century American Literature I: 1900-1945</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 734</td>
<td>Twentieth-Century American Literature II: 1945-2000</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 735</td>
<td>Contemporary American Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 736</td>
<td>Twenty-First Century Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 744</td>
<td>Ibsen, Shaw, Chekhov: Makers of Modern Theatre</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 745</td>
<td>American Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 747</td>
<td>African-American Literature in the Twentieth Century</td>
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#### Ethnic and National Literatures

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ENG 737</td>
<td>Comparative Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 746</td>
<td>American Slave Narratives</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 747</td>
<td>African-American Literature in the Twentieth Century</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 748</td>
<td>Drama in Ireland from the Irish Literary Revival to the Present</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 749</td>
<td>Native-American Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 750</td>
<td>Other Shores: National Identity and Cultural Conflict in Nineteenth-Century Russian Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 751</td>
<td>Postcolonial Literature and Theory</td>
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#### American and Cultural Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 733</td>
<td>Twentieth-Century American Literature I: 1900-1945</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 734</td>
<td>Twentieth-Century American Literature II: 1945-2000</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 735</td>
<td>Contemporary American Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 745</td>
<td>American Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 746</td>
<td>American Slave Narratives</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Pedagogy

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 700</td>
<td>Drama in the Classroom</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 701</td>
<td>American Literature in the Classroom</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 702</td>
<td>Literature in English in the Classroom</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 703</td>
<td>Composition and Writing Pedagogy</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 704</td>
<td>European, English, and American Literature in the Classroom</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Rhetoric/English Language

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 781</td>
<td>Rhetoric</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 782</td>
<td>Theories of Persuasion: Ancient and Modern</td>
<td>3.00</td>
</tr>
</tbody>
</table>
ENG 783  Eighteenth-Century Writers on Writing  3.00
ENG 784  Structure of English  3.00
ENG 785  Linguistics of Contemporary English  3.00
ENG 786  Stylistics  3.00
ENG 787  Introduction to Linguistics  3.00
ENG 788  History of the English Language  3.00
ENG 789  Historical Linguistics  3.00
ENG 790  Sociolinguistics  3.00
ENG 791  Language Acquisition  3.00
ENG 792  Applied Linguistics  3.00
ENG 793  Language and Gender  3.00
ENG 794  Varieties of English  3.00
ENG 795  Pragmatics and Discourse  3.00

Special topic courses (ENG 684, 688 and 690) may apply to any of the above 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 GPA = 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

**Biology (Grades 5-9)**

**Concentration**

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.

Choose from:
• Final Project (0 credits)
• Comprehensive Exam (0 Credits)
• Thesis Seminar (3 credits)

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), you will be awarded Initial Teaching Certification by the New York State Department of Education to teach Biology grades 5-9. 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/) 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 (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

Fall 2013 Admission Information - The LIU Post Graduate Bulletin 2013 - 2014
Earth Science (Grades 5-9)

Concentration

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 Adolescent Student" to "Methods and Materials of Adolescent Student" to "Methods and Materials of Adolescent Student," you will have the opportunity to take a two-semester course in "The Earth Environment," and you will have an opportunity to take courses 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:

Choose from:

• Final Project (0 credits)
• Comprehensive Exam (0 Credits)
• Thesis Seminar (3 credits)

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 make a B average or better, have at least thirty credits in Earth Science, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act)).

. 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/) 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 (non-refundable).
• Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
• Applicants must have completed 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

English (Grades 5-9)

Concentration

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 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 2 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 from 45 to 48 credits, depending on your culminating experience. You can choose one of three culminating experiences at the end of your coursework:

Choose from:

• Final Project (0 credits)
• Comprehensive Exam (0 Credits)
• Thesis Seminar (3 credits)

After you complete all degree requirements and have completed thirty credits of English and successfully pass New York State Licensure tests (Students graduating Spring 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), you will be awarded Initial Teaching Certification by the New York State Department of Education to teach English Grades 5-9. 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/) 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: (non-refundable)
• Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.
• Applicants must have passed 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

Send application materials to:

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

LIU Post Graduate Bulletin 2013 - 2014
• 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

Mathematics (Grades 5-9)

Concentration
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:
Choose from:
• Final Project (0 credits)
• Comprehensive Exam (0 Credits)
• Thesis Seminar (3 credits)

After you complete all degree requirements, have a total of thirty credits of Math, successfully pass New York State licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act)), 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/) 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 (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

Social Studies (Grades 5-9)

Concentration
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:
Choose from:
• Final Project (0 credits)
• Comprehensive Exam (0 Credits)
• Thesis Seminar (3 credits)

TEACHING CERTIFICATION
After you complete all degree requirements and successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act)), 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/) 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.

Send application materials to:
Graduate Admissions Office
LIU Post
720 Northern Boulevard
Brookville, N.Y. 11548-1300

Social Studies (Grades 5-9)

Concentration
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.
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

**Spanish (Grades 5-9) Concentration**

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 that 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:
- Choose from:
  - Final Project (0 credits)
  - Comprehensive Exam (0 Credits)
  - Thesis Seminar (3 credits)

After you complete the total degree requirements (45 credits) have thirty credits of Spanish, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), 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/) 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.

**ADMISSIONS REQUIREMENTS**

Applicants to the Master of Science in Adolescence Education: Spanish must meet the following requirements for admission.

- Application for Admission.
- Application fee (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.

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), you will be awarded Initial Teaching Certification by the New York State Department of Education. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

**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 (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. 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.

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), you will be awarded Initial Teaching Certification by the New York State Department of Education. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification 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, N.Y. 11548-1300

M.S. in Adolescence Education
Requirements
(45-48 Credits)

**A grade of "B" or higher is required in all education classes

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 3.00
EDS 641 Literacy In Content Areas: Grades 5-12 3.00

Health & Substance Abuse Workshop
HE 205A Adolescent Health-Risk Workshp 0.00

Required Student Teaching Courses
EDI 552 Pre-Student Teaching Seminar: Critical Issues in Education 0.00
EDI 712 Supervised Student Teaching and Seminar Grades 7-12 6.00

Culminating Experience (0-3 Credits):
You can choose one of three culminating experiences:
• Final Project (0 credits), required if applying for teacher certification
• Comprehensive Exam (0 Credits)

• Thesis Seminar (3 credits)

Thesis Course
EDI 705 Thesis Seminar 3.00

The minimum EDU GPA is 3.00

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

Required Content Area Teaching Methods Courses
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

AND one of the following:
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 Clinical 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 GPA = 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 522 Structural Geology 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 GPA = 3.00**

**English Requirements**

**Required English Disciplinary Literacy Course**

- ENG 710 Research and Criticism 3.00

**Elective English Literature/Language Distribution Courses**

Students must complete a maximum of one course/three credits from five of the following ten areas:

### Classical/Early Literature and Language

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 709</td>
<td>Classical Literature in Translation</td>
</tr>
<tr>
<td>ENG 711</td>
<td>Mythology</td>
</tr>
<tr>
<td>ENG 712</td>
<td>Geoffrey Chaucer: A Writer and His World</td>
</tr>
</tbody>
</table>

### Literature of the English Renaissance

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 713</td>
<td>Literature of the English Renaissance</td>
</tr>
<tr>
<td>ENG 714</td>
<td>Shakespeare</td>
</tr>
<tr>
<td>ENG 715</td>
<td>Shakespeare's Late Plays</td>
</tr>
<tr>
<td>ENG 716</td>
<td>Jacobean and Caroline Drama</td>
</tr>
<tr>
<td>ENG 717</td>
<td>Metaphysical and Cavalier Poetry</td>
</tr>
<tr>
<td>ENG 718</td>
<td>Seventeenth-Century Prose Style</td>
</tr>
<tr>
<td>ENG 719</td>
<td>Milton</td>
</tr>
</tbody>
</table>

### Literature of the Restoration and Eighteenth Century

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 720</td>
<td>18th-Century Literature and Life</td>
</tr>
</tbody>
</table>

### Romantic and Victorian British Literature

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 721</td>
<td>The Romantic Movement</td>
</tr>
<tr>
<td>ENG 722</td>
<td>Studies in Victorian Literature</td>
</tr>
<tr>
<td>ENG 723</td>
<td>Gerard Manley Hopkins</td>
</tr>
<tr>
<td>ENG 724</td>
<td>The Gothic</td>
</tr>
</tbody>
</table>

### Seventeenth- to Nineteenth-Century American Literature

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 725</td>
<td>American Renaissance</td>
</tr>
<tr>
<td>ENG 726</td>
<td>Late 19th-Century American Literature</td>
</tr>
<tr>
<td>ENG 727</td>
<td>Hawthorne and James: From Romance to Realism</td>
</tr>
<tr>
<td>ENG 746</td>
<td>American Slave Narratives</td>
</tr>
<tr>
<td>ENG 774</td>
<td>American Colonial Literature</td>
</tr>
</tbody>
</table>

### Twentieth- and Twenty-First Century Literature

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 729</td>
<td>Modern Poetry</td>
</tr>
<tr>
<td>ENG 730</td>
<td>The Modern Novel</td>
</tr>
<tr>
<td>ENG 731</td>
<td>Modern Drama</td>
</tr>
<tr>
<td>ENG 732</td>
<td>Modern British Literature</td>
</tr>
<tr>
<td>ENG 733</td>
<td>Twentieth-Century American Literature I: 1900-1945</td>
</tr>
<tr>
<td>ENG 734</td>
<td>Twentieth-Century American Literature II: 1945-2000</td>
</tr>
<tr>
<td>ENG 735</td>
<td>Contemporary American Drama</td>
</tr>
<tr>
<td>ENG 736</td>
<td>Twenty-First Century Literature</td>
</tr>
<tr>
<td>ENG 744</td>
<td>Ibsen, Shaw, Chekhov: Makers of Modern Theatre</td>
</tr>
<tr>
<td>ENG 745</td>
<td>American Drama</td>
</tr>
<tr>
<td>ENG 747</td>
<td>African-American Literature in the Twentieth Century</td>
</tr>
</tbody>
</table>

### Ethnic and National Literatures

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 737</td>
<td>Comparative Literature</td>
</tr>
<tr>
<td>ENG 746</td>
<td>American Slave Narratives</td>
</tr>
<tr>
<td>ENG 747</td>
<td>African-American Literature in the Twentieth Century</td>
</tr>
<tr>
<td>ENG 748</td>
<td>Drama in Ireland from the Irish Literary Revival to the Present</td>
</tr>
<tr>
<td>ENG 749</td>
<td>Native-American Literature</td>
</tr>
<tr>
<td>ENG 750</td>
<td>Other Shores: National Identity and Cultural Conflict in Nineteenth-Century Russian Literature</td>
</tr>
<tr>
<td>ENG 751</td>
<td>Postcolonial Literature and Theory</td>
</tr>
</tbody>
</table>

### American and Cultural Studies

<table>
<thead>
<tr>
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<th>Title</th>
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<tbody>
<tr>
<td>ENG 733</td>
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</tr>
<tr>
<td>ENG 745</td>
<td>American Drama</td>
</tr>
<tr>
<td>ENG 746</td>
<td>American Slave Narratives</td>
</tr>
</tbody>
</table>

### Pedagogy

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 700</td>
<td>Drama in the Classroom</td>
</tr>
<tr>
<td>ENG 701</td>
<td>American Literature in the Classroom</td>
</tr>
<tr>
<td>ENG 702</td>
<td>Literature in English in the Classroom</td>
</tr>
<tr>
<td>ENG 703</td>
<td>Composition and Writing Pedagogy</td>
</tr>
<tr>
<td>ENG 704</td>
<td>European, English, and American Literature in the Classroom</td>
</tr>
</tbody>
</table>

### Rhetoric/English Language

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 781</td>
<td>Rhetoric</td>
</tr>
<tr>
<td>ENG 782</td>
<td>Theories of Persuasion: Ancient and Modern</td>
</tr>
</tbody>
</table>

**Minimum Earth Science GPA = 3.00**

**Minimum Earth Science Credits = 20**
**Mathematics Requirements**

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 511 Set Theory</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 513 An Introduction to Abstract Algebra</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 514 Euclidean Geometry</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 631 Foundations of Analysis</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Mathematics Courses**

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

**Required Mathematics Culminating Experience Course**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 710 Research and Oral Presentation for Mathematics Education</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Required Mathematics Comprehensive Exam**

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

**Minimum Mathematics Credits = 19**

**English Requirements**

Minimum Social Studies GPA = 3.00

**Minimum English Credits = 18**

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

**Minimum English GPA = 3.00**

**Required English Comprehensive Exam**

**Required English Courses**

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 690 Sociolinguistics</td>
<td>3.00</td>
</tr>
<tr>
<td>ENGL 791 Language Acquisition</td>
<td>3.00</td>
</tr>
<tr>
<td>ENGL 792 Applied Linguistics</td>
<td>3.00</td>
</tr>
<tr>
<td>ENGL 793 Language and Gender</td>
<td>3.00</td>
</tr>
<tr>
<td>ENGL 794 Varieties of English</td>
<td>3.00</td>
</tr>
<tr>
<td>ENGL 795 Pragmatics and Discourse</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Special topic courses (ENG 684, 688 and 690) may apply to any of the above 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 GPA = 3.00**

**Social Studies Requirements**

**Minimum Social Studies GPA = 3.00**

**Minimum Social Studies Credits = 18**

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

**Required Social Studies Comprehensive Exam**

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

**Minimum Social Studies Credits = 18**

**Spanish Requirements**

Minimum Spanish GPA = 3.00

**Required Spanish Courses**

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 513 Advanced Syntax and Stylistics</td>
<td>3.00</td>
</tr>
<tr>
<td>SPA 541 Introduction to Spanish Linguistics</td>
<td>3.00</td>
</tr>
<tr>
<td>SPA 665 Seminar in Spanish-American Literature: Special Topics with Disciplinary Literacy in Spanish</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**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 GPA = 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.

**BIOLGY**

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.

**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
Ten 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. Six 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.

Requirements for M.S. in Adolescence
Education (Grades 7-12): Pedagogy Only
Total Credits: 33-36

Social Studies Sub-Plan Requirement
Required Course
EDI 660 Methods and Materials of Teaching Social Studies in Secondary Schools

Biology Sub-Plan Requirement
Required Course
EDI 654 Methods and Materials of Teaching Modern Languages in Secondary Schools

Mathematics Sub-Plan Requirement
Required Course
EDI 659 Method and Materials of Teaching Mathematics in Secondary Schools

Spanish Sub-Plan Requirement
Required Course
EDI 654 Methods and Materials of Teaching Modern Languages in Secondary Schools

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
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
**A grade of "B" or higher is required in all education classes

Health and Substance Abuse Workshop
HE 205A Adolescent Health-Risk Wkshp 0.00

Required Student Teaching Courses
EDI 552 Pre-Student Teaching Seminar: Critical Issues in Education 0.00
EDI 712 Supervised Student Teaching and Seminar Grades 7-12 6.00

Culminating Experience (0-3 Credits):

You can choose one of three culminating experiences:
• Final Project (0 credits), required if applying for teacher certification
• Comprehensive Exam (0 Credits)
• Thesis Seminar (3 credits)

Thesis Course
EDI 705 Thesis Seminar 3.00

Biology (Grades 7-12)

Concentration

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. 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:

Choose from:
• Final Project (0 credits)
• Comprehensive Exam (0 Credits)
• Thesis Seminar (3 credits)

After you complete all degree requirements, successfully pass New York State Licensure tests
(Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later
EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE
(Schools Against Violence Education Act), DASA
(Dignity for All Students Act), 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/) 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 (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

Earth Science (Grades 7-12)

Concentration

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 Childhood 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: Choose from:

- Final Project (0 credits)
- Comprehensive Exam (0 Credits)
- Thesis Seminar (3 credits)

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), 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/) 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 (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

English (Grades 7-12)

Concentration

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 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." To learn more about our programs and faculty, visit the Department of English website:
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:

Choose from:
- Final Project (0 credits)
- Comprehensive Exam (0 Credits)
- Thesis Seminar (3 credits)

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), 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) 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 (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
- Brooklynville, N.Y. 11548-1300

**Mathematics (Grades 7-12)**

**Concentration**

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. 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:

Choose from:
- Final Project (0 credits)
- Comprehensive Exam (0 Credits)
- Thesis Seminar (3 credits)

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), 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) 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 (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
- Brooklynville, N.Y. 11548-1300

**Social Studies (Grades 7-12)**

**Concentration**

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.
Spanish (Grades 7-12) Concentration

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 all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), 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/) 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 (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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDT 908B</td>
<td>Assistive &amp; Instructional Technologies for Individuals w/Disabilities: Current Research &amp; Practice</td>
<td>3.00</td>
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</table>

**Required Culminating Experience**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDT 776A</td>
<td>Culminating Experience: Issues, Challenges, and Opportunities for Applying Technologies in Learning</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 776B</td>
<td>Culminating Experience: Actualizing Systemic Technology-Based Learning</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDT 706</td>
<td>Foundations of Educational Technology: Learning Theories, Critical Thinking, and Technologies for Teaching and Learning</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 716</td>
<td>Understanding Developmentally Appropriate Educational Technologies for Improving Learning Communities and Learning Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 726</td>
<td>Foundations of Educational Technology II: Fundamentals of Educational Research in Technology-Enriched Learning and Evaluation</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 736</td>
<td>Applying Educational Technologies for Building Learning Communities and Learning Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 746</td>
<td>Outcomes Assessment for Educational Technologists</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 756</td>
<td>Understanding the Role of Educational Technologies in Changing School Cultures, Organizations and Communities</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 766</td>
<td>Designing and Evaluating Assessment Plans for Technology-Enriched Theoretically-Grounded Learning Environments</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 661</td>
<td>Transforming Communities of Practice: Applications, Technologies &amp; Implementation</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 662</td>
<td>Transforming Communities of Practice: Technology-Rich Learning Environments</td>
<td>3.00</td>
</tr>
<tr>
<td>EDT 663</td>
<td>Technologies in the 21st Century: Applying Digital Media and Multimedia in Teaching and Learning</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**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 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.

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), you will be awarded Initial Teaching Certification by the New York State Department of Education. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

**ADMISSION REQUIREMENTS**

Applicants to the Master of Science in Music Education must meet the following requirements for admission.

- Application for Admission
- Application fee (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
M.S. Music Education: Initial Certification

(42 Credits)

Required Music Education Courses

Graduate Music Teaching & Learning Seminar

MUS 632 Graduate Music Teaching & Learning Seminar

Classroom Methods

MUS 634 Enhancing Literacy 3.00

Through Teaching Music in Special Education

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

Music Technology

MUS 673 Technology and Music Education 2.00

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 552 Pre-Student Teaching Seminar: Critical Issues in Education 0.00

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

**A grade of "B" or higher is required for all education courses.

Required M.S. Music Education Culminating Experience

You can choose one of three culminating experiences:

• Final Project (0 credits), required if applying for teacher certification

• Comprehensive Exam (0 Credits)

• Thesis Seminar (3 credits)

Required Thesis Course

EDI 705 Thesis Seminar 3.00

Initial Certification: The minimum Music (MUS) G.P.A. is 3.00

M.S. Music Education: Professional Certification

(36 credits)

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

You can choose one of three culminating experiences:

• Final Project (0 credits), required if applying for teacher certification

• Comprehensive Exam (0 Credits)

• Thesis Seminar (3 credits)

Required Thesis Course

EDI 705 Thesis Seminar 3.00

Professional Certification: 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.

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), you will be awarded Initial Teaching Certification by the New York State Department of Education. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

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 (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

<table>
<thead>
<tr>
<th>Education Courses**</th>
<th>EDI 600 Psychological Foundations of Education 3.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EDI 601 Social Foundations of American Education 3.00</td>
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<tr>
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<td>EDI 643 Education for Cultural Diversity 3.00</td>
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<tr>
<td></td>
<td>EDI 700 Introduction to Educational Research 3.00</td>
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</table>

**A grade of "B" or higher is required in all education courses**

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

Required Adolescent Health-Risk Workshop

- **HE 205A** Adolescent Health-Risk Workshop 0.00

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 552** Pre-Student Teaching Seminar: Critical Issues in Education 0.00
- **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

Elective in Education 3.00

Culminating Experience (0-3 Credits):

You can choose one of three culminating experiences:

- Final Project (0 credits), **required if applying for teacher certification**
- Comprehensive Exam (0 Credits)
- Thesis Seminar (3 credits)

Thesis Seminar Course

- **EDI 705** Thesis Seminar 3.00

TESOL: 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.

After you complete all degree requirements, successfully pass New York State Licensure tests (Students graduating Fall 2013 LAST, ATSW, CST / Students graduating in Spring 2014 and later EAS, ALST, CST and edTPA) and you have completed all seminars (Child Abuse, SAVE (Schools Against Violence Education Act), DASA (Dignity for All Students Act), you will be awarded Initial Teaching Certification by the New York State Department of Education. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

ADMISSION REQUIREMENTS

Applicants to the Master of Science in Art Education must meet the following requirements for admission:

- Application for Admission.
- Application fee: (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 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: donna.tuman@liu.edu

(please indicate degree applying for on portfolio)

**M.S. in Art Education Initial Certification**

<table>
<thead>
<tr>
<th>(45 Credits)</th>
<th><strong>Credit</strong></th>
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<tbody>
<tr>
<td>EDI 600 Psychological Foundations of Education</td>
<td>3.00</td>
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Choose one of the following:

**EDU 601 Social Foundations of American Education**
**ART 610 General Methods of Teaching**
**ART 643 Education for Cultural Diversity**
**ART 651 Methods and Materials of Teaching Art in Secondary Schools**

**EDI 700 Introduction to Educational Research**
**ART 552 Pre-Student Teaching Seminar: Critical Issues in Education**
**ART 712 Supervised Student Teaching: Critical Issues in Education**
**ART 714 Child Abuse Ident & Reporting**

**CATX 100 Pre-Student Teaching Seminar: Critical Issues in Education**
**EDU 552 Child Abuse Ident & Reporting**
**EDUX 100 Project S.A.V.E.**
**HE 205A Adolescent Health Risk Wkshp**

**A grade of "B" or higher is required for all education courses.**

**Required M.S. Art Education Culminating Experience**

You can choose one of three culminating experiences:
- Final Project (0 credits), required if applying for teacher certification
- Comprehensive Exam (0 credits)
- Thesis Seminar (3 credits)

**Required Thesis Course**

| **EDU 705 Thesis Seminar** | 3.00 |

**Required Art Courses**

| **ART 620 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 |
| **ARTH 609 Special Populations in Child/Adolescent Art Therapy and Art Education** | 3.00 |

**One of the following:**

| **ART 517 Design I** | 3.00 |
| **ART 611 Drawing I** | 3.00 |

Choose one of the following:

**ART 603 Color Photography Printing**
**ART 605 Photography Studio I**
**ART 617 Drawing I**
**ART 612 Drawing II**
**ART 613 Painting I**
**ART 614 Painting II**
**ART 615 Painting III**
**ART 616 Painting IV**
**ART 621 Printmaking I**
**ART 622 Printmaking II**
**ART 623 Printmaking III**
**ART 624 Printmaking IV**
**ART 635 Sculpture I**
**ART 636 Sculpture II**
**ART 637 Sculpture III**
**ART 638 Sculpture IV**
**CGPH 601 Graduate Computer Graphics**
**CGPH 602 Graduate Digital Design**
**CGPH 603 Motion Graphics**

Choose one of the following:

**ART 517 Design I**
**ART 611 Drawing I**

LIU Post Graduate Bulletin 2013 - 2014
Summer Institutes and Workshops

The Department of Curriculum & Instruction offers institutes and workshops during the summer and throughout the academic year. Specialized offerings help in service classroom teachers, working professionals and graduate students understand new trends, strategies and developments within the teaching professions. Institutes are one week 3-credit graduate level courses offered during the summer. Offerings vary from year to year.

Examples of past programs include:
1. Teasing and Bullying (EDI 750)
2. Classroom Assessment in the Era of NCLB (EDI 750)
3. Math Minus Anxiety for Elementary School Teachers

Further information is available by contacting:
Department of Curriculum & Instruction
College of Education, Information and Technology
LIU POST
720 Northern Blvd
Brookville, NY 11548-1300
(516) 299-2374/2372
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 552 Pre-Student Teaching Seminar: Critical Issues in Education
This course examines current issues in education and enhances students' professional practice in designing instruction aligned with the Common Core, assessing students for learning, and meeting current accountability standards for teacher performance. This course is a prerequisite for all student teaching courses in the Department of Curriculum & Instruction and students should register for the seminar one semester prior to student teaching.
Credits: 0
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 fieldwork 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 fieldwork 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, socioeconomic, 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 K-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 Curriculums 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 EDS 610 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 604 are required.

Credits: 3

Every Spring

**EDI 639 Play in the Curriculum**

Students will gain an understanding of the significant relationship 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 656 Methods and Materials of Teaching Mathematics in Secondary Schools**

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 
Every Fall and Spring

**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.
ED 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 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

ED 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

ED 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.

ED 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

ED 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

ED 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

ED 703 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 Fall and Spring

ED 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

ED 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

ED 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, 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

ED 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
On Occasion

EDT 661 Transforming communities of practices: 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. 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,
EDT 736 Applying Educational Technologies for Building Learning Communities and Learning Systems
This course, usually offered in conjunction with EDT 726, 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 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 Experiences, 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
### 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 curriculum-writing to 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.

### 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.

### Required School Building Leader Internship Course

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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

**Advanced Certificate School District Business Leader**

**Business Office**

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**

- EDL 650  Internship in School Administration- Master's Level  6.00

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**

**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
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.
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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
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; inservice 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
On Occasion

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, FL 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
On Occasion

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
On Occasion

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
On Occasion
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
On Occasion

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
On Demand

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
On Occasion
PALMER SCHOOL OF LIBRARY AND INFORMATION SCIENCE

Information professionals are assuming an essential role in today’s society. With the tremendous value of information today, people who hold M.S.L.I.S. degrees are now widely recognized by every for-profit and not-for-profit organization. The M.S. in Library and Information Science (M.S.L.I.S.) is a Doctor of Philosophy in Information Studies (Ph.D.) program that can take classes at three locations – LIU Post in Brookville, Long Island; LIU Brentwood, Long Island; and the Bobst Library of NYU, where the school’s highly regarded specialization in Rare Books and Special Collections 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.

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. Beginning in Fall 2013, Palmer School matriculated students will be required to complete a portfolio as part of their graduation requirements.

The average length of time to complete the master's degree is 2-3 years. 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 / LIS691: Internship - School Library Media

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 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 and select “LIU Brentwood” in the “Campus” field. All additional materials should be submitted to LIU Brentwood, 100 Second Avenue, Brentwood, NY 11717.

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. 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.
- 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 (250-300 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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIS 510</td>
<td>Introduction to Library &amp; Information Science</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 511</td>
<td>Information Sources and Services</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 512</td>
<td>Introduction to Knowledge Organization</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 514</td>
<td>Introduction to Research in Library and Information Science</td>
<td>3.00</td>
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</table>

**General Concentration - Elective and Capstone Requirements**

**General Elective Courses**

Seven of the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIS 508</td>
<td>Technology for Information Management</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 513</td>
<td>Management of Libraries and Information Centers</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 520</td>
<td>Records Management I: Fundamentals</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 602</td>
<td>Children's Literature and Emotional Intelligence</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 603</td>
<td>Humanities Sources and Services</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 604</td>
<td>Science and Technology Sources and Services</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 605</td>
<td>Social Science Sources and Services</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 606</td>
<td>Information Literacy and Library Instruction</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 607</td>
<td>Health Science Sources and Services</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 608</td>
<td>Legal Sources and Services</td>
<td>3.00</td>
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**Capstone Courses**

LIS 690 or LIS 695

<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>LIS 609</td>
<td>Business &amp; Economics Source &amp; Services</td>
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<tr>
<td>LIS 610</td>
<td>Readers Advisory</td>
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</tr>
<tr>
<td>LIS 611</td>
<td>Film &amp; Media Collections</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 612</td>
<td>Art Librarianship</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 616</td>
<td>Contemporary Artists’ Books</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 618</td>
<td>Online Information Retrieval Techniques</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 620</td>
<td>Instructional Design and Leadership</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 622</td>
<td>Management of the School Media Center</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 624</td>
<td>Introduction to Online Teaching</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 626</td>
<td>Teaching Methodologies for School Media Specialists</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 628</td>
<td>School Media Materials and the Curriculum</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 629</td>
<td>Integrating Technology into the School Media Curriculum</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 650</td>
<td>Basic Web Design</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 651</td>
<td>Advanced Web Site Architecture</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 652</td>
<td>Exhibitions and Catalogs: Library Meets Museum</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 654</td>
<td>Building Digital Libraries</td>
<td>3.00</td>
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<tr>
<td>LIS 657</td>
<td>Introduction to Preservation</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 658</td>
<td>History of The Book</td>
<td>3.00</td>
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<tr>
<td>LIS 662</td>
<td>Library Public Relations</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 669</td>
<td>Government Information</td>
<td>3.00</td>
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<tr>
<td>LIS 697</td>
<td>Master's Thesis</td>
<td>3.00</td>
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<tr>
<td>LIS 699</td>
<td>Independent Study</td>
<td>3.00</td>
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<tr>
<td>LIS 705</td>
<td>Principles and Practices in Archival Description: DACS/EAD</td>
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<tr>
<td>LIS 706</td>
<td>Digital Preservation</td>
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<tr>
<td>LIS 707</td>
<td>Human-Computer Interaction</td>
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<tr>
<td>LIS 710</td>
<td>Rare Books School</td>
<td>3.00</td>
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<tr>
<td>LIS 713</td>
<td>Rare Books and Special Collections Librarianship</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 714</td>
<td>Archives and Manuscripts</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 716</td>
<td>Audio Preservation</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 718</td>
<td>Facilitating Online Learning</td>
<td>3.00</td>
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</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>LIS 721</td>
<td>Appraisal of Archives and Manuscripts</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 722</td>
<td>Electronic Records</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 728</td>
<td>K-12 Literature for School Librarians</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 729</td>
<td>Young Adult Sources and Services</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 731</td>
<td>Materials and Services for Early Childhood</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 733</td>
<td>Children's Sources &amp; Services</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 735</td>
<td>Storytelling &amp; Folk Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 737</td>
<td>Serving Diverse Populations</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 739</td>
<td>Myth and the Age of Information</td>
<td>3.00</td>
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<tr>
<td>LIS 741</td>
<td>Public Libraries</td>
<td>3.00</td>
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<tr>
<td>LIS 745</td>
<td>Academic Libraries</td>
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</tr>
<tr>
<td>LIS 747</td>
<td>Special Libraries</td>
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</tr>
<tr>
<td>LIS 749</td>
<td>Health Science Libraries</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 755</td>
<td>Information Technologies and Society</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 763</td>
<td>Metadata: Description and Access</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 765</td>
<td>Knowledge Representation</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 768</td>
<td>Abstracting and Indexing for Information Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 770</td>
<td>Information Storage &amp; Retrieval</td>
<td>3.00</td>
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<tr>
<td>LIS 773</td>
<td>Comparative Bibliography</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 781</td>
<td>WISE Consortium</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 900</td>
<td>Institutes</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 901</td>
<td>Special Topics</td>
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<table>
<thead>
<tr>
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<th>Credits</th>
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<tbody>
<tr>
<td>LIS 690</td>
<td>Internship</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 695</td>
<td>Master's Project</td>
<td>3.00</td>
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**Rare Books and Special Collections Requirements**

**Required Library and Information Science Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIS 510</td>
<td>Introduction to Library &amp; Information Science</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 511</td>
<td>Information Sources and Services</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 512</td>
<td>Introduction to Knowledge Organization</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Actual Topic**

- Rare Books and Special Collections
- Introduction to Knowledge Organization
M.S. in Library and Information Science, School Library Media Specialist

M.S. in Library & Information Science / School Library Media - Initial Certification

Required Courses

<table>
<thead>
<tr>
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<tbody>
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<td>LIS 512</td>
<td>Introduction to Knowledge Organization</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 514</td>
<td>Introduction to Research in Library and Information Science</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 610</td>
<td>Literacy Teaching and Learning: Birth-Grade 6</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 712</td>
<td>Literacy for K-12 Environment</td>
<td>3.00</td>
</tr>
</tbody>
</table>

*** EDS 610 Must be taken by students without previous certification

School Library Media Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIS 620</td>
<td>Instructional Design and Leadership</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 622</td>
<td>Management of the School Media Center</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 626</td>
<td>Teaching Methodologies for School Media Specialists</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 629</td>
<td>Integrating Technology into the School Media Curriculum</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective Courses

Chose one of the following courses (3 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIS 728</td>
<td>K-12 Literature for School Media Specialists</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 729</td>
<td>Young Adult Sources and Services</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 733</td>
<td>Children's Sources &amp; Services</td>
<td>3.00</td>
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</table>

Capstone

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIS 691</td>
<td>Internship - School Media Specialist</td>
<td>3.00</td>
</tr>
</tbody>
</table>

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 Sciences at New York University. The program is offered in the summers at LIU’s Palmer School in Brooklyn and the Steinhardt School in Manhattan, both located in New York City.

Required Courses

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<tr>
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*** EDS 610 Must be taken by students without previous certification

School Library Media Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
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<td>LIS 620</td>
<td>Instructional Design and Leadership</td>
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<td>LIS 622</td>
<td>Management of the School Media Center</td>
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<td>Teaching Methodologies for School Media Specialists</td>
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<td>LIS 629</td>
<td>Integrating Technology into the School Media Curriculum</td>
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Elective Courses

Chose one of the following courses (3 credits):

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Capstone

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<tr>
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</thead>
<tbody>
<tr>
<td>LIS 691</td>
<td>Internship - School Media Specialist</td>
<td>3.00</td>
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</table>

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 and 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.gasas.nyu.edu/grad.scholarly.masters and for the Steinhardt School: 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. 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.gasas.nyu.edu/grad.scholarly.masters and 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 classes 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.

**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.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) 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.gfas.nyu.edu/page/gradHome and information for the Steinhardt School can be found on their site: 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.

### Advanced Certificate in Archives and Records Management

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 3.00
- **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
Students completing the program (15 credits) are limited to a maximum of 25 students per class. The courses are offered in a seminar format and Library Administration encompasses five required courses:

- 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. 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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>LIS 700</td>
<td>Principles of Public Library Organization &amp; Management</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 701</td>
<td>Seminar In Legal Issues &amp; the Regulatory/Governance Environment of the Public Library</td>
<td>3.00</td>
</tr>
<tr>
<td>LIS 702</td>
<td>Human Resources Administration in the Public Library</td>
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<td>Financial Management of Public Libraries</td>
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<tr>
<td>LIS 704</td>
<td>Public Library Facilities; Automation Systems and Telecommunications</td>
<td>3.00</td>
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</tbody>
</table>

**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 02368-8085

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 or contact the Graduate Admissions Office at 516-299-2900 or e-mail 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 |

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 as 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 and Emotional Intelligence**
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 I.Q. 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, and 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

LIS 610 Reader's Advisory Services
This course teaches both traditional reader's advisory skills and the use of print and electronic reader's advisory tools. The purpose of the course is to enhance the skills needed to match the book with the reader. The use and selection of multiple formats will be emphasized in addressing collection development skills for RA librarians. New databases, such as Ebsco's Novelist and social cataloging tools such as Goodreads will be evaluated.
Prerequisite of LIS 510 is required
Credits: 3
Annually

LIS 611 Film and Media Collections
In today's multi-media world, libraries, public and academic, collect non-print formats. Many organizations generate and need to store three-dimensional objects such as models and ephemera of all shapes and sizes. Librarians and archivists should have an understanding of the principles and practices related to acquiring and maintaining these collections.
Prerequisites of LIS 510 & 511 or permission of instructor are required.
Credits: 3
Rotating Basis

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-

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)(0)(b). 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 School Media Centers
(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, paying attention to services for special needs students. There will be 25 hours of field experiences (observation) related to the coursework as part of the requirement in SED 52.21 (b)(0)(b). 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
Alternate Semesters

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
On Occasion

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 nonfiction 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)(36). 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 facilitates 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)(36). 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 course 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.
Corequisite 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, hands-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 653 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.
Prerequisite of LIS 512 is required
Credits: 3
On Occasion

LIS 654 Exhibitions and Catalogs: Library meets Museum
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 655 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 firsthand 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 656 Library Public Relations
Examines the principles and practice of public relations: the library image; the news media; special events and programs; exhibits and displays; library publications; publicity; marketing techniques; and discussion of public relations as it applies to all types of libraries. Full Semester, Every Second Year, 3 credits
Prerequisite of LIS 510 or permission of instructor is required.
Credits: 3
On Occasion

LIS 657 Introduction to Preservation
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.
Prerequisite of LIS 512 is required
Credits: 3
On Occasion

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 firsthand 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 659 Government Information Resources
Examines the principles and practice of public relations: the library image; the news media; special events and programs; exhibits and displays; library publications; publicity; marketing techniques; and discussion of public relations as it applies to all types of libraries. Full Semester, Every Second Year, 3 credits
Prerequisite of LIS 510 or permission of instructor is required.
Credits: 3
On Occasion

LIS 662 Library Public Relations
Examines the principles and practice of public relations: the library image; the news media; special events and programs; exhibits and displays; library publications; publicity; marketing techniques; and discussion of public relations as it applies to all types of libraries. Full Semester, Every Second Year, 3 credits
Prerequisite of LIS 510 or permission of instructor is required.
Credits: 3
On Occasion

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, CDROMs), 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 670 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, 511, 512, 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 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 for 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 710 Rare Books School

Students may take up to two courses in the University of Virginia's Rare Book school as part of this concentration. This option MUST BE APPROVED by the Palmer school before the student enrolls in the RBS program. See the RBS website for current course selections: www.rarebookschool.org.

Permission 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
LIS 722 Electronic Records
In-depth examination of electronic records management implications and applications. Topics include: document imaging systems, document management systems, inventoring 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 multicultural characters and settings, and bibliography 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 in advocacy工作的实践, 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 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 folklore 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 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, policymaking 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.

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 773 Comparative Bibliography  
This course is an introduction to the study of artifacts of recorded knowledge and a survey of the techniques of enumerative, descriptive and analytical bibliography and bibliometric analysis. Students engage in the comparative study of knowledge records, compile an enumerative bibliography, describe and analytically compare descriptions of one work and use simple bibliometric techniques to describe the literature of their chosen field.  
Prerequisites of LIS 510, 511, and 512 or permission of the instructor are required.  
Credits: 3  
On Occasion

LIS 781 WISE Seminar  
Offered online. Web-based information science education  
Credits: 3  
Annually

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

Palmer School Ph.D. Courses

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
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 Biannually

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 Biannually

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 Biannually

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 Biannually

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 social effects 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 Biannually

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 Biannually

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 Biannually

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: Giuliani, Minge, Mittler, Pierangelo, Sanacore
Associate Professors: Cohen, Feeley, Levitt
Assistant Professors: Palumbo, Vida, Smith
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
Brooklyn, N.Y. 11548-1300

M.S. Education in Literacy (Birth - Grade 6) Requirements (30 credits)

Required Literacy Foundation Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDS 600</td>
<td>Introduction to the Study of the Exceptional Child &amp; Adolescent</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 610</td>
<td>Literacy Teaching and Learning: Birth-Grade 6</td>
<td>3.00</td>
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</tbody>
</table>

Required Culminating Experience Course

EDS 622 Contemporary Issues and Research in Literacy: Birth-Grade 6 (Culmination Experience)

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.

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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 & Adolescent
- EDS 617 Literacy for Children with Disabilities: Birth-Grade 6
- EDS 620 Assessment and Diagnosis of Children with Disabilities
- EDS 630 Curriculum-based Assessment and Instruction of Students with Mild Disabilities

General Special Education Sub-Plan Course Requirements:
- EDS 631 Curriculum-based Assessment and Instruction of Students with Severe Disabilities at the Elementary and Secondary Levels

EDS 632 Instruction and Classroom Management for Children & Adolescents 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 Supervised Practicum in Special Education at the Elementary and Secondary Levels 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

- 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.

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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 lifelong 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.
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**Send application materials to:**

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Brookville, N.Y. 11548-1300

<table>
<thead>
<tr>
<th>Dual Certificate M.S. in Childhood Education/Literacy Leading to NYS Initial Certification (48 Credits)</th>
<th>EDS</th>
<th>703</th>
<th>Practicum III Overcoming 3.00 Literacy Difficulties:Birth-Grade 6</th>
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<tr>
<td>Curriculum &amp; Instruction Courses</td>
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<td>Requirements:</td>
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<tr>
<td>EDI 600 Psychological Foundations of Education</td>
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<td>EDI 601 Social Foundations of American Education</td>
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<tr>
<td>EDI 677 Curriculum Development for the Classroom Teacher</td>
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<td>EDI 612 Teaching Social Studies in Grades 1-6</td>
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<td>EDI 613 Teaching Mathematics in Grades 1-6</td>
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<td>EDI 614 Teaching Science in Grades 1-6</td>
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<td>HE 205A Adolescent Health-Risk Workshop</td>
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<td>EDI 552 Cirtical Issues in Education: Pre-student Teaching Seminar</td>
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<tr>
<td>EDI 710 Supervised Student Teaching and Seminar for Childhood/Special Ed or Childhood/Literacy</td>
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<td>Curriculum &amp; Instruction Culminating Experience:</td>
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<td>Student is required to take the Final Project or Comprehensive Exam or Thesis (3 credits)</td>
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<tr>
<td>EDI 705 Thesis Seminar</td>
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<td>Literacy Courses Requirements:</td>
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<tr>
<td>EDS 600 Introduction to the Study of the Exceptional Child &amp; Adolescent</td>
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<td>EDS 610 Literacy Teaching and Learning: Birth-Grade 6</td>
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<td>EDS 619 Literacy and Literature-based Reading Instruction: Birth-Grade 6</td>
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<td>EDS 640 Literacy in the Content Areas: Birth-Grade 6</td>
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<td>EDS 642 Literacy &amp; Language Arts Instruction Birth-Grade 6</td>
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**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 major grade point average and a 2.50 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
Dual Certificate M.S. in Childhood Education/Special Education Leading to NYS Initial Certification:
Requirements
(48-51 Credits)

Required Curriculum and Instruction Courses:

EDS 600 Psychological Foundations of Education 3.00
EDS 601 Social Foundations of American Education 3.00
EDS 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

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

Special Education Core Course Requirements:
EDS 600 Introduction to the Study of the Exceptional Child & Adolescent 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 at the Elementary and Secondary Levels 3.00

General Special Education Course Requirements:
EDS 631 Curriculum-based Assessment and Instruction of Students with Severe Disabilities at the Elementary and Secondary Levels 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 713 Supervised Student Teaching and Seminar in Special Education 3.00

Autism/CASE Requirements: (51-54 Credits)
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
SPE 681 Language Disorders in Severe Developmental Disabilities and Autism 3.00
EDS 750 Institute: Diagnosis/Treatment Autism 3.00
EDS 625 Contemporary Issues and Research in Special Education/Culminating Experience (Autism) 3.00
EDS 712 Supervised Student Teaching and Seminar in Special Education (Autism) 3.00

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
• 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

Advanced Certificate, Students With Disabilities (SWD) (7-12) Generalist

The Department of Special Education and Literacy announces an Advanced Certificate in Students with Disabilities (SWD) (7-12) Generalist. This certificate requires 15 credit hours and will be offered to graduate students who already possess at least initial New York State Teachers Certification or currently meet the requirements for initial New York State Teacher Certification. The certificate program has been State approved. This program alone will not qualify the candidate for New York State Professional Certification. A master's degree is required for Professional Certification in New York State. This program is geared towards students who already possess initial New York State Certification in some area.

Advanced Certificate in Students with Disabilities SWD (7-12) Generalist
Required Advanced Certificate Courses

EDS 631 Curriculum-based Assessment and Instruction of Students with Severe Disabilities at the Elementary and Secondary Levels
EDS 632 Instruction and Classroom Management for Children with Emotional and Behavior Problems
EDS 633 Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)
EDS 624 Contemporary Issues and Research in Special Education/Culminating Experience
EDS 713 Supervised Student Teaching and Seminar in Special Education
EDS 629 Curriculum-based Assessment and Instruction of Students with Severe Disabilities - Autism
EDS 635 Behavior Management for Children with Autism & Developmental Disabilities
SPE 681 Language Disorders in Severe Developmental Disabilities and Autism
EDS 750 Institute: Diagnosis/Treatment Autism
EDS 625 Contemporary Issues and Research in Special Education/Culminating Experience (Autism)
EDS 712 Supervised Student Teaching and Seminar in Special Education (Autism)
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<tr>
<td>EDS 632</td>
<td>Instruction and Classroom Management for Children &amp; Adolescents with Emotional and Behavior Problems</td>
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<tr>
<td>EDS 633</td>
<td>Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)</td>
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<tr>
<td>EDS 702</td>
<td>Supervised Practicum in Special Education at the Elementary and Secondary Levels</td>
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<td><strong>One of the following:</strong></td>
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<td>EDS 630</td>
<td>Curriculum-based Assessment and Instruction of Students with Mild Disabilities at the Elementary and Secondary Levels</td>
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<tr>
<td>EDS 631</td>
<td>Curriculum-based Assessment and Instruction of Students with Severe Disabilities at the Elementary and Secondary Levels</td>
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**Electives**

Courses that are not being used to satisfy major or core requirements.
Special Education and Literacy Courses

EDS 600 Introduction to the Study of the Exceptional Child and Adolescent
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 EDS 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 EDS 600, 601, 612, 613, 614, and 677 with co-requisite of EDS 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 achieving 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 EDS 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
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, and must be taken in 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. Co-requisite of EDS 610 or 620 is required.

Credits: 3

EDS 630 Cure-based Assessment and Instr of Students with Mild Disabilities at the Elementary and Secondary Level

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 Cure-based Assessment/Instruction of Severe SWD at the Elementary and Secondary Levels

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.

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 Instr & Classroom Manage 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 filed 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
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 Supervised Practicum in Special Education at the Elementary and Secondary Levels
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 660, 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
CORPORATE LEARNING AND DEVELOPMENT (M.S.)

Introduction
LIU Post/CEIT’s new Master of Science program in Corporate Learning and Development is unique in many respects. It is the first program of its kind to combine the science of instructional design with an in-depth study and application of professional skills development -- competencies highly sought by organizations trying to become distinct and gain a competitive advantage. This one-year, 30-credit blended program is built with the working professional in mind. Graduates of the program will be able to pursue rewarding careers in the rapidly growing learning and development/corporate training field in the corporate, non-profits and public sectors.

About the Program
The ability to teach and design instruction is valued in virtually every organization in the world. Those organizations, both large and small, have historically invested significant capital in training its employees as a way to improve staff performance and motivation, gain competitive advantage, and/or comply with professional and governmental regulations. Most training is technical in nature, although, in other instances, the training is behavioral – i.e., it is intended to change the way employees interact with each other and clients, in an advising/consulting role. The volume of this training has been growing at a very rapid rate (with much of the delivery moving online); hence, the increasing need for quality expertise in this field.

Regardless of the nature of the training or of how it is delivered, an instructional designer plays a central role in developing it. And organizations need instructional designers, whether they staff them internally or outsource the work to specialized firms. Most importantly, an object of increasing demand are designers who know instructional best practices, but who also possess the interpersonal skills necessary to be able to advise and consult with corporate leaders in order to reach the best solution given the particular organization’s needs and priorities. Building trusting relationships with clients normally happens over time in a natural way. But competitive pressures have forced organizations to explore ways to accelerate that process, which has in turn given rise to a whole new industry: Professional Skills Development. These same skills, sorely lacking throughout most organizations, are now at a premium for Instructional Designers.

Our M.S. program combines rigorous preparation in both Instructional Design and Professional Skills Development. In addition to the traditional skills required to enter the training (instructional design and development) profession, the program will provide its graduates with a 12-credit Professional Skills Certificate. Students in the program will also become competent in Knowledge Services – learning how information is used and organized in large organizations. Equipping program graduates with all these skills will surely give them a competitive advantage in the job market because not only will they be more effective designers, but they will also know how to accelerate professional skills development and promote more efficient use of knowledge within their respective organizations.

As indicated above, the need for organizations to train their staff in technical and professional skills has grown tremendously during the last decade, so learning jobs are plentiful and growing, whether in the corporate sector, the military and other government agencies, hospitals and other non-profit organizations. Graduates in this interdisciplinary program will gain the knowledge, the technical, and the professional competency and skills necessary to be successful in organizations needing trainers, instructional designers, facilitators/coaches, and learning and professional skills consultants.

Program Features
The most salient features of the M.S. program in Corporate Learning and Development are:
- A 30-credit Master’s program than can be completed in one year.
- Earning a “Professional Skills Certificate” as an integral part of the program.
- Internships and other modalities of experiential learning included in the program.
- Use of a dynamic “blended format”, combining face-to-face with online training.
- Program administered in conjunction with LIU Post’s College of Management.
- Some limited financial aid/scholarships available

Structure and Course Sequence
The Master’s program will be cohort based, with up to 40 students admitted every year. The students will spend an initial intensive 2-week summer term at the LIU Post campus followed by online courses through the fall and spring terms. The program culminates with an internship experience and a second, intensive two-week summer term at the LIU Post campus.

Contact Information
Ms. Gerry Kopzynski
Graduate Advisor of the Program
Palmer School of Library and Information Science
516-299/2857 – Gerry.Kopzynski@liu.edu

Mrs. Joan McCarthy
Assistant to the Dean
College of Education, Information and Technology
516-299-2210 - Joan.McCarthy@liu.edu

Summer I (four weekends in August/September)
- EDC 603 - Introduction to Effective Organizational Communication Skills (3 credits)
- EDC 609 - Applied Communication Skills in Organizational Behavior (3 credits)

Fall (online)
- LIS 630 - Designing Learning Environments I (3 credits)
- EDI 661 - Transforming communities of practice: Applications, technologies & implementation (3 credits)

Spring (online)
- LIS 718 - Facilitating Online Learning (3 credits)
- LIS 727 - Corporate Informatics and Knowledge Portals (3 credits)

Summer II (various weekends in July)
- LIS 692 - Practicum/Internship (3 credits)
- MBA 623 - Organizational Behaviors (3 credits)
- EDL 638 - Leadership Development (3 credits)

M.S., Corporate Learning and Development Major Requirements

Required Courses
- EDC 603 Introduction to Effective Organizational Communication Skills (3.00)
- EDC 609 Applied Communication Skills in Organizational Behavior (3.00)
- EDI 661 Transforming communities of practice: Technology-rich learning environments (3.00)
- EDL 638 Leadership Development (3.00)
- LIS 630 Designing Learning Environments I (3.00)
- LIS 631 Designing Learning Environments II (3.00)
- LIS 718 Facilitating Online Learning (3.00)
- LIS 727 Corporate Informatics and Knowledge Portals (3.00)
- MBA 623 Organizational Behavior (3.00)

Required Practicum Course
- LIS 692 Practicum/Internship (3.00)

Credit and G.P.A. Requirements
Minimum Total Credits: 30 Credits
Minimum G.P.A.: 3.0
DOCTORAL PROGRAM (Ed.D.) IN INTERDISCIPLINARY EDUCATIONAL 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 research-based doctoral degree accepts approximately 30 prospective students 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 logon to www.liu.edu/cwpost/ed.

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. 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 or Dr. Paula Lester, at 516-299-2191 or email 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 April 1 deadline, including transcripts, letters of recommendation, statement of purpose, statement of research/enquiry, 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. 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 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., Ph.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, or call 1-800-GRE-CALL. LIU Post’s Educational Testing Service Code is 2707.
- For Miller Analogies Test (MAT) information contact: www.milleranalogies.com.

10. International Students – Degree Requirements

International applicants must complete the LIU Online Application for Admission at 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.
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: Associate Professor Brummel
Professor: Tettelbach
Associate Professors: Hatch, Melkonian (Pre-
Medical Sciences Advisor), Schutt
Assistant Professors: Blakeslee, Santagata
(Graduate Director), Sneker (Visiting)

Adjunct Faculty: 14

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
(offer 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

Applying to LIU Post at
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.

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.

A student planning on completing the thesis option
should 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 500</td>
<td>Biology Graduate Seminar</td>
<td>1.00</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>BIO 500</td>
<td>Biology Graduate Seminar</td>
<td>1.00</td>
</tr>
<tr>
<td>BIO 501</td>
<td>Population Ecology</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 503</td>
<td>Modern Concepts of Evolution</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 505</td>
<td>Sources in Biological Research</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 506</td>
<td>Experimental Behavioral Ecology</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 510</td>
<td>Molecular Biology</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 513</td>
<td>Biological Chemistry</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 518</td>
<td>Ecology</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 520</td>
<td>Cell Biology</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 525</td>
<td>Eukaryotic Genetics</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 528</td>
<td>Developmental Biology</td>
<td>3.00-4.00</td>
</tr>
<tr>
<td>BIO 609</td>
<td>Marine Ecology</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective Biology Courses

Remainder of 35 credits from all BIO courses
excluding BIO 707 and 708

Thesis Option Requirements

Required Biology Seminar Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 500</td>
<td>Biology Graduate Seminar</td>
<td>1.00</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 500</td>
<td>Biology Graduate Seminar</td>
<td>1.00</td>
</tr>
<tr>
<td>BIO 501</td>
<td>Population Ecology</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Page 109

LIU Post Graduate Bulletin 2013 - 2014
The M.S. in Genetic Counseling is dedicated to supplementary activities to ensure that students will "world" training. Additionally, a number of students to enter their clinical rotations for "real-classroom-based didactics pave the way for genetic counseling. Skills learned through clinical genetics. The program emphasizes the rigorous and comprehensive training in the field of genetic counseling. 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 Applications 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.

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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ATCG 600</td>
<td>Issues Confronting</td>
<td>3.00</td>
</tr>
<tr>
<td>ATCG 601</td>
<td>Clinical Genetics in Practice I</td>
<td>3.00</td>
</tr>
<tr>
<td>ATCG 602</td>
<td>Clinical Genetics in Practice II</td>
<td>3.00</td>
</tr>
<tr>
<td>ATCG 603</td>
<td>Clinical Genetics in Practice III</td>
<td>3.00</td>
</tr>
<tr>
<td>ATCG 604</td>
<td>Clinical Genetics in Practice IV</td>
<td>3.00</td>
</tr>
<tr>
<td>ATCG 610</td>
<td>Cytogenetics</td>
<td>2.00</td>
</tr>
<tr>
<td>ATCG 613</td>
<td>Molecular Genetics</td>
<td>3.00</td>
</tr>
<tr>
<td>ATCG 615</td>
<td>Special Topics in Adult Genetics</td>
<td>1.00</td>
</tr>
<tr>
<td>ATCG 628</td>
<td>Human Development</td>
<td>3.00</td>
</tr>
<tr>
<td>ATCG 668</td>
<td>Genetics Counseling Pre-Pacticum</td>
<td>3.00</td>
</tr>
<tr>
<td>ATCG 669</td>
<td>Genetic Counseling Pacticum</td>
<td>5.00</td>
</tr>
<tr>
<td>ATCG 701</td>
<td>Design and Analysis in Genetics</td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td>Research (taken twice)</td>
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</tbody>
</table>

**Required Co-Related Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 514</td>
<td>Biochemical Genetics</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 530</td>
<td>Clinical Genetics</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 612</td>
<td>Pathophysiology II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**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

M.S. in Genetic Counseling

Additional Requirements
Minimum Total Credits = 60
Minimum G.P.A. = 3.00

M.S. in Middle Childhood Edcuation: 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 genetic 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.
Prerequisite 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, preimplantation 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.
Prerequisite 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.
Same as BIO 525.
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: 3
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 clientcentered 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 660 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
### Biology Courses

#### BIO 500 Biology Graduate Seminar
This once-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 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.

Three hours lecture, three 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 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.
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 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.
Three hours lecture, three 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.
Same as ATCG 613.
Credits: 3
On Occasion

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.
Same as ATCG 628.
Three hours lecture when offered for three credits; three hours laboratory when offered for four credits.
Credits: 3 to 4
On Occasion

BIO 530 Clinical Genetics
This course 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, preservation of specimens of mainly local freshwater, estuarine and marine fishes.
Three hours lecture, three hours 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 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 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.
Credits: 3
On Occasion
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 572</td>
<td>General Entomology</td>
<td>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. Three hours lecture, three hours laboratory.</td>
<td>3</td>
<td>BIO 502</td>
<td>On Occasion</td>
</tr>
<tr>
<td>BIO 604</td>
<td>Biological Chemistry Laboratory</td>
<td>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. Four hours laboratory.</td>
<td>4</td>
<td></td>
<td>On Occasion</td>
</tr>
<tr>
<td>BIO 609</td>
<td>Marine Ecology</td>
<td>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.</td>
<td>3</td>
<td>BIO 513</td>
<td>On Occasion</td>
</tr>
<tr>
<td>BIO 614</td>
<td>Advanced Electron Microscopy</td>
<td>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.</td>
<td>4</td>
<td>Prior knowledge of BIC 502</td>
<td>On Occasion</td>
</tr>
<tr>
<td>BIO 626</td>
<td>Wildlife and Wilderness Resources</td>
<td>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.</td>
<td>3</td>
<td>Prior knowledge of BIC 502</td>
<td>On Occasion</td>
</tr>
<tr>
<td>BIO 641</td>
<td>Advanced Microbiology</td>
<td>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.</td>
<td>4</td>
<td></td>
<td>On Occasion</td>
</tr>
<tr>
<td>BIO 651</td>
<td>Comparative Animal Physiology</td>
<td>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.</td>
<td>3</td>
<td></td>
<td>On Occasion</td>
</tr>
<tr>
<td>BIO 661</td>
<td>Special Problems in Biology</td>
<td>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.</td>
<td>1-3</td>
<td>Prior knowledge of BIC 502</td>
<td>Every Semester</td>
</tr>
<tr>
<td>BIO 670</td>
<td>Design and Analysis in Biological Research</td>
<td>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.</td>
<td>2</td>
<td></td>
<td>On Occasion</td>
</tr>
<tr>
<td>BIO 700</td>
<td>Preparation of Thesis</td>
<td>This course is open only to matriculated students. Approval of department chairperson and mentor is required. In this course, the student selects a thesis topic which the student completes under the supervision of a faculty member.</td>
<td>3</td>
<td></td>
<td>Every Fall, Spring and Summer</td>
</tr>
<tr>
<td>BIO 707</td>
<td>Thesis Research</td>
<td>This course is open only to matriculated students. Approval of department chairperson and mentor is required. In this course, the student selects a thesis topic which the student completes under the supervision of a faculty member.</td>
<td>3</td>
<td></td>
<td>Every Fall, Spring and Summer</td>
</tr>
</tbody>
</table>
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 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 enforcement 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
Brooklyn, 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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 555</td>
<td>Technology and the Criminal Justice System</td>
<td>3.00</td>
</tr>
<tr>
<td>CRJ 690</td>
<td>Theories of Crime Causation</td>
<td>3.00</td>
</tr>
<tr>
<td>CRJ 699</td>
<td>Foundations of Scholarship</td>
<td>3.00</td>
</tr>
<tr>
<td>CRJ 700</td>
<td>Research Design and Methods</td>
<td>3.00</td>
</tr>
<tr>
<td>CRJ 707</td>
<td>Thesis Research</td>
<td>3.00</td>
</tr>
<tr>
<td>CRJ 708</td>
<td>Thesis Consultation</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Students must choose either a concentration in General Criminal Justice Studies or Fraud Examination.

General Criminal Justice Concentration

Required General Criminal Justice Concentration Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 675</td>
<td>Critical Issues in Law and Society</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective General Criminal Justice Concentration Courses

Five courses/fifteen credits of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 523</td>
<td>Computers and the Criminal Justice System</td>
<td>3.00</td>
</tr>
<tr>
<td>CRJ 525</td>
<td>Teaching Criminal Justice</td>
<td>3.00</td>
</tr>
<tr>
<td>CRJ 529</td>
<td>Effectiveness of Prevention and Treatment Programs</td>
<td>3.00</td>
</tr>
</tbody>
</table>
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

Minimum Total Credits = 36 (both concentrations)
Minimum G.P.A. = 3.00

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
<table>
<thead>
<tr>
<th>CRJ 523 Computers and the Criminal Justice System</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
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<td>On Occasion</td>
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<table>
<thead>
<tr>
<th>CRJ 525 Teaching Criminal Justice</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
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<td>On Occasion</td>
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<table>
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<tr>
<th>CRJ 529 Effectiveness of Prevention and Treatment Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course is a review of the basic concepts and strategies in valutative research. Topics include topologies of treatment and prevention programs, what works, measuring effectiveness, types of valutative research designs and exemplary projects.</td>
</tr>
<tr>
<td>Credits: 3</td>
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<td>On Occasion</td>
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<table>
<thead>
<tr>
<th>CRJ 530 Victimology</th>
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</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
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<td>On Occasion</td>
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<table>
<thead>
<tr>
<th>CRJ 536 Introduction to Forensic Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
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<tr>
<td>On Occasion</td>
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</tbody>
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<table>
<thead>
<tr>
<th>CRJ 540 Employment Discrimination Law</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
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<tr>
<td>On Occasion</td>
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</tbody>
</table>

<table>
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<tr>
<th>CRJ 552 Communications and the Criminal Justice System</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>On Occasion</td>
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</tbody>
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<table>
<thead>
<tr>
<th>CRJ 555 Technology and the Criminal Justice System</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>Annually</td>
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<table>
<thead>
<tr>
<th>CRJ 560 Funding and Grant Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
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<tr>
<td>On Occasion</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 565 Interpersonal Relations in Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>On Occasion</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 570 Seminar in Criminal Justice</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
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<tr>
<td>On Occasion</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 577 Police and Professionalism</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>On Occasion</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 582 Psychiatry and the Law</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>On Occasion</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 585 Seminar in Court Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>On Occasion</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 600 Advanced Standing Criminal Justice I</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>Every Fall, Spring and Summer</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 601 Advanced Standing Criminal Justice II</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>Every Fall, Spring and Summer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 630 Forensic Psychology</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>On Occasion</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 631 Seminar in Organised Crime</th>
</tr>
</thead>
<tbody>
<tr>
<td>This seminar traces the historical roots of organized criminality from circa 1850 to the present. Structural models are compared for understanding &quot;emerging&quot; group; in that context, international aspects and transnational characteristics are examined. Special attention is paid to dependencies and cooperation among ethnicities.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>On Occasion</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 635 The Mass Murderer and the Violent Criminal</th>
</tr>
</thead>
<tbody>
<tr>
<td>This course studies the biological, psychological, and environmental cases of the violent criminal. An indepth study of individual offenders is made to analyze causation.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>On Occasion</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CRJ 640 Seminar in the Administration of Juvenile Justice</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
<tr>
<td>Every Fall, Spring and Summer</td>
</tr>
</tbody>
</table>
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 milieu 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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Time</th>
<th>Prerequisite/Co-requisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRJ 734</td>
<td>Forensic Homicide Investigation</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CRJ 760</td>
<td>Terrorism</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CRJ 801</td>
<td>Introduction to Fraud Examination</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CRJ 802</td>
<td>Methods of Fraud Examination</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CRJ 803</td>
<td>Auditing Principles in Fraud Examination</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CRJ 804</td>
<td>Professional Accounting Standards in Fraud Examination</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CRJ 805</td>
<td>Fraud Examination and the Law</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CSA 581</td>
<td>Security of Intellectual Property</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CSA 582</td>
<td>Instructing Security Trainers</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CSA 583</td>
<td>Security Law</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CSA 587</td>
<td>Institutional Security Planning</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CSA 593</td>
<td>Investigation Management</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>CSA 591</td>
<td>Security Administration</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
</tbody>
</table>

This course discusses the application of federal and state criminal and civil statutes and a detailed application of these laws to current and historical 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**
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

<table>
<thead>
<tr>
<th>Elective Earth Science Courses</th>
<th>Eighteen credits of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td>AST 501</td>
<td>Spherical and Elliptical Astronomy</td>
</tr>
<tr>
<td>ERS/ 501</td>
<td>Mapping Environmental Data with GIS</td>
</tr>
<tr>
<td>GGR 502</td>
<td>GIS Applications</td>
</tr>
<tr>
<td>ERS/ 515</td>
<td>Principles of Meteorology</td>
</tr>
<tr>
<td>GGR 522</td>
<td>Natural Disasters</td>
</tr>
<tr>
<td>ERS/ 529</td>
<td>Global Climate Change</td>
</tr>
<tr>
<td>GLY 535</td>
<td>Field Studies in Earth Science</td>
</tr>
<tr>
<td>GGR 701</td>
<td>Special Topics in Earth Science</td>
</tr>
<tr>
<td>GGR 518</td>
<td>Topics in Applied Conservation</td>
</tr>
<tr>
<td>GGR 535</td>
<td>Field Studies in Geography</td>
</tr>
<tr>
<td>GGR 701</td>
<td>Special Topics in Geography</td>
</tr>
<tr>
<td>GLY 510</td>
<td>Oceans, Coasts and Sustainability</td>
</tr>
<tr>
<td>GLY 511</td>
<td>Continental Drift and Plate Tectonics</td>
</tr>
<tr>
<td>GLY 513</td>
<td>Marine Geology</td>
</tr>
<tr>
<td>GLY 514</td>
<td>Marine Sedimentary Environment</td>
</tr>
<tr>
<td>GLY 516</td>
<td>Physical Oceanography</td>
</tr>
<tr>
<td>GLY 517</td>
<td>Geomorphic Processes</td>
</tr>
<tr>
<td>GLY 518</td>
<td>Groundwater Geology</td>
</tr>
<tr>
<td>GLY 519</td>
<td>Coral Reef Geology</td>
</tr>
<tr>
<td>GLY 520</td>
<td>Sedimentary Geology</td>
</tr>
<tr>
<td>GLY 521</td>
<td>Stratigraphy</td>
</tr>
<tr>
<td>GLY 522</td>
<td>Structural Geology</td>
</tr>
<tr>
<td>GLY 523</td>
<td>Environmental Geochemistry</td>
</tr>
<tr>
<td>GLY 526</td>
<td>Earth Materials</td>
</tr>
<tr>
<td>GLY 533</td>
<td>Methods of Field Geology for Earth Science Teachers</td>
</tr>
<tr>
<td>GLY 535</td>
<td>Field Studies in Geology</td>
</tr>
<tr>
<td>GLY 550</td>
<td>Environmental Geology</td>
</tr>
</tbody>
</table>

**M.S. in Earth Science Requirements**

<table>
<thead>
<tr>
<th>Required Earth Science Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERS 513 The Earth Environment I</td>
<td>4.00</td>
</tr>
<tr>
<td>ERS 514 The Earth Environment II</td>
<td>4.00</td>
</tr>
</tbody>
</table>

**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**

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
LIU Post Graduate Bulletin 2013 - 2014

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

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.

LIU Post Graduate Bulletin 2013 - 2014
• 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 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 (B-, C+, C, C-, 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 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 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.
Earth Science Courses

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
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.
Pre-requisite of ERS 501 or the equivalent or the instructor's permission is required.
Credits: 3
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.
Pre-requisite of Graduate status or permission of the department is required.
Credits: 3 to 4
Every Fall

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 coastal 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.
Pre-requisite 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.
Pre-requisite 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.
ERS 522 is cross-listed as GGR 522.
Credits: 3
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.
Prerequisite of ERS 513 and ERS 514 are required.
Credits: 1 to 3
On Occasion
Geography Courses

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
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 instructor's permission is required.
Credits: 3
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; largescale 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 landforms. 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.

GGR 515 is cross-listed 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.

ERS 522 is cross-listed as GGR 522.
Credits: 3
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  
Every Fall  

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  
Every Fall  

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  
Every Spring  

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  
Every Summer  

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  
Every Spring and Summer  

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 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 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 515 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 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  
This 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.

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 chronostratigraphy (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 528 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
and Victorian British Literature, Seventeenth- to Nineteenth-Century American Literature, Twentieth- and Twenty-First Century Literature, Ethnic and National Literatures, American and Cultural Studies and Pedagogy. With its emphasis on intensive mentoring and small seminars, the Master of Arts in English can provide a foundation for further graduate work or elementary and secondary education.

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 36-credit Master of Arts in English curriculum combines in-depth study of diverse literary traditions in World Literature with a program emphasizing rigorous scholarly research and literary theory. As a student in this program, you will take eighteen credits of required courses that include seminars in research, literary theory, rhetoric or linguistics, texts in context and 6-credit sequence culminating in a thesis.

You will also choose six electives from among nine categories that include Classical/Early Literature and Language, the English Renaissance, the Restoration and Eighteenth Century, Romantic

DECISION OF ENGLISH

Phone: 516-299-2391
Fax: 516-299-2997

Chair: Associate Professor J. Lutz
Senior Professors: Direks, 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 Professors: Ahern, Szekely
Adjunct Faculty: 31

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<tr>
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<td>ENG 711</td>
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<td>ENG 712</td>
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<td>Shakespeare</td>
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<td>ENG 715</td>
<td>Shakespeare's Late Plays</td>
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<td>ENG 716</td>
<td>Jacobean and Caroline Drama</td>
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<td>Metaphysical and Cavalier Poetry</td>
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<td>Milton</td>
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<td>ENG 720</td>
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<td>ENG 721</td>
<td>The Romantic Movement</td>
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<td>ENG 722</td>
<td>Studies in Victorian Literature</td>
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<td>ENG 724</td>
<td>The Gothic</td>
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<td>Modern Drama</td>
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<td>Ibsen, Shaw, Chekhov: Makers of Modern Theatre</td>
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<td>ENG 748</td>
<td>Drama in Ireland from the Irish Literary Revival to the Present</td>
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<td>ENG 749</td>
<td>Native-American Literature</td>
<td>3.00</td>
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<td>ENG 750</td>
<td>Other Shores: National Identity and Cultural Conflict in Nineteenth-Century Russian Literature</td>
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<td>ENG 751</td>
<td>Postcolonial Literature and Theory</td>
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<td>ENG 747</td>
<td>African-American Literature in the Twentieth Century</td>
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<td>ENG 749</td>
<td>Native-American Literature</td>
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<td>ENG 761</td>
<td>The Art of Melancholy</td>
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<td>ENG 762</td>
<td>The Poetics of Time and Memory</td>
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<td>ENG 763</td>
<td>Gender, Sexuality and Literature</td>
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<td>ENG 764</td>
<td>Magic Realism</td>
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<tr>
<td>ENG 765</td>
<td>Staging Modernism: The Little Theatre Movement and Twentieth-Century American Culture</td>
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<td>ENG 766</td>
<td>The Jazz Age: 1920s American Literature and Culture</td>
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<tr>
<td>ENG 767</td>
<td>Sex, Drugs and Rock 'n' Roll: 1950s American Literature and Culture</td>
<td>3.00</td>
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<td>ENG 768</td>
<td>The Bloomsbury Group</td>
<td>3.00</td>
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<tr>
<td>ENG 769</td>
<td>American Nightmares: Film Noir and the Age of Uncertainty</td>
<td>3.00</td>
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<tr>
<td>ENG 770</td>
<td>Bodies on Display: Perspectives on the Body in American Culture from the 19th Century to the Present</td>
<td>3.00</td>
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<tr>
<td>ENG 771</td>
<td>In Cold Blood: Understanding Horror in Art and Culture</td>
<td>3.00</td>
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<tr>
<td>ENG 772</td>
<td>English Nonsense Literature</td>
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<td>ENG 773</td>
<td>Erotica</td>
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<tr>
<td>ENG 774</td>
<td>American Colonial Literature</td>
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<td><strong>Pedagogy</strong></td>
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<tr>
<td>ENG 700</td>
<td>Drama in the Classroom</td>
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<td>ENG 701</td>
<td>American Literature in the Classroom</td>
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<td>ENG 702</td>
<td>Literature in English in the Classroom</td>
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<td>ENG 703</td>
<td>Composition and Writing Pedagogy</td>
<td>3.00</td>
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<tr>
<td>ENG 704</td>
<td>European, English, and American Literature in the Classroom</td>
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<tr>
<td><strong>Special Topic Elective Courses</strong></td>
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Special topics, internship and independent study courses may be used to satisfy any of the above requirements. See graduate advisor for more information.

**Required Thesis Courses**
- ENG 707 Thesis I: Research
- ENG 708 Thesis II: Writing

**M.A. in English Additional Requirements**
Minimum Total Credits = 36
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.

M.S. in Adolescence Education:
English (Grades 7-12)

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 Twenty-First Century 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
This course acquaints students with the history of ancient rhetorics in order that they may gain a clearer understanding of the influence of ancient rhetorical theory within Western culture and the history of Western education. The course focuses on several major rhetoricians (Plato, Aristotle, Cicero, Quintilian) as exemplars of this historical period. Through close readings of primary texts, students will develop a literacy about key figures, events, and concepts. Besides developing a deeper understanding of classical rhetoric, students will also learn how to write persuasively in different rhetorical situations.
Credits: 3
On Occasion

ENG 510 Research and Criticism
This course will help you become a better researcher, critical thinker, and writer. We will explore various strategies for producing a well-written, substantive research paper, and this process will include assignments designed to strengthen your skills in public speaking and group collaboration. What are the most effective ways to research a topic? Where can you find useful secondary sources? How can a richer understanding of cultural history enhance your interpretation of literary texts? How do you craft and develop an original argument for a research paper? What are the most effective strategies for revision and rewriting? As the last question suggests, this course will emphasize the process of revision as central to the construction of effective writing. The assignments will also be geared toward professionalization within the field of literary studies and will include an annotated bibliography, a conference paper, and a journal-length essay.
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 786 is cross-listed as LIN 511.
Credits: 3
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 787 is cross-listed as LIN 512.
Credits: 3
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.
Credits: 3
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 790 cross-listed as LIN 515.
Credits: 3
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.
Credits: 3
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.
Credits: 3
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.
Credits: 3
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.
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, Martha 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
Drama has long been seen as an index to the values, attitudes and aspirations of its people. The course will consider the dramatic tradition as it has developed in different countries and in different ages. It will capture both the starkness and the raucousness of medieval drama, the glories of the Spanish Golden Age with Lope de Vega, the richness of the Jacobean stage, the sheer comedy of Moliere, the cleverness and wit of English Restoration comedies and the soul-touching romanticism of Goethe. Readings and discussions will focus on the intent of each of these plays to entertain and enrich its audience by heightening the unique characteristics of its own culture.
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.
ENG 563 Comparative Literature
Comparative literature is a field of study that explores the literature of two or more different linguistic, cultural or national groups or the relationship between literature and other disciplines. Although it sometimes focuses on works in different languages, comparative literature is also often practiced on works in the same language. Comparative literature makes use of an interdisciplinary approach that rejects an exclusive literary perspective in favor of a method that embraces disciplines in the arts, philosophy, history, the social sciences, the sciences and religion. This course will provide an overview of the critical methods of the comparative literature discipline and apply a comparative approach to a particular set of literary works and/or disciplines.
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.

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.

ENG 622 American Renaissance
In this course, we will examine writings representative of the American Renaissance. We will begin with the writings of Emerson, Thoreau, and Fuller - all of whom represent the mid-nineteenth-century Transcendentalist movement. After examining their perspectives on freedom and individualism, we will compare their writings to the Gothic works of Poe, Hawthorne, and Melville, who embrace a darker view of the individual and the possibilities of attaining freedom in a society influenced by the legacy of Puritanism and the spirit of capitalism. We will see, in other words, how these American writers commented on, responded to, and "rediscovered" the ideas of those who preceded them. Finally, we will read literature that further challenges traditional notions of American freedom and identity and that does so in either socially conscious or intensely personal ways. These works include slave narratives by Douglass and/or Jacobs and the poetry of Whitman and Dickinson.
Credits: 3
On Occasion

ENG 623 Late Nineteenth-Century American Literature
In this course, we will focus on selected narratives of American realism, paying close attention to how they address in critical ways an earlier tradition of romanticism, and, in the process, attempt to tell more explicitly "historical" tales of America's post-Civil War period. In reading works by Henry James, Mark Twain, Edith Wharton, Stephen Crane, Frank Norris, Harold Frederic, Charles Chesnutt, and Mary Wilkins Freeman, we will explore various kinds of realism in order to see how the authors tried to represent distinct aspects of late nineteenth-century American culture. How, we will ask, do the writing reflect the great social and economic developments that took place during the Gilded Age, during that time in the nation's history when increased industrialization and commercialism led to what the cultural critic Alan Trachtenberg refers to as the "incorporation of America?" In what sense do these works speak to the ways in which America, with its rapidly changing social landscape, was redefining itself in spite of attempts on the part of dominant classes (such as the "old money") to hold on to cherished ideals and traditions? We will discuss, among other things, the confrontation between the genteel culture and the "vulgar" forces of commerce; the wealthy elite and their relation to "how the other half lives;" the role of the New Woman and the kind of gender trouble that ensued from her presence on the cultural scene; the competing sensibilities of the "feminine" artist and the "masculine" businessmen immigration and the refiguring of the American "race;" the increased importance of scientific discourse and its connection to character types; the life of slaves in the aftermath of slavery; and the conflict between the "pure art" movement and the socially engage writer.
Credits: 3
On Occasion

ENG 624 Twentieth-Century American Literature I
1900-1945
This course will examine some of the social, cultural, and artistic forces that shaped American literature throughout the first half of the twentieth century. In readings works by Gertrude Stein, Ernest Hemingway, F. Scott Fitzgerald, William Faulkner, Willa Cather, Jean Toomer, Nathanael West, Zora Neale Hurston, Carson McCullers, and others, we will discuss the ways that literature responded to the radical technological, social, and economic changes of the period. For instance, how did American fiction capture the cultural changes brought on by the Great Migration, women's suffrage, and the Great Depression? How did jazz, avant-garde painting, photography, and architecture shape literature experimentation? How was "highbrow" literature in dialogue with popular culture? We will not only make connections across the boundaries of social class, gender, and race, but we will also interrogate the notion of "American" literature itself.
Credits: 3
On Occasion

ENG 631 Modern Poetry
This course will focus on the twentieth century as a period of rereading the nature of poetry in England and America, a period when poets had to grapple with the common understand that they were living in a "modern" world and that new things were expected of them. After a consideration of some early indications, modern authors from World War I (for example, Wilfred Owen) and the Irish Renaissance (for example, William Butler Yeats) will be considered. There will be an exploration of the modernist movement from thematic and linguistic complications (as in T. S. Eliot, Wallace Stevens) toward simplicity (as in Robert Frost, Theodore Roethke, William Carlos Williams). Confessional and narrative poetry will be considered (as in John Berryman, Stephen Dunne, and Langston Hughes) as a way of validating feelings. And nonsense (as in E. E. Cummings, Dorothy Parker, and Anthony Hecht) will be noted as a way of reviving poetic form while avoiding the seriousness perceived in traditional poetry. Finally, we will consider post-modernism and the new formalism as movements displacing modernism and surviving into the twenty-first century.
Credits: 3
On Occasion

ENG 632 The Modern Novel
First emerging in the unstable and traumatic historical period immediately preceding World War I and following it, the modern novel decidedly broke with the realist genre preceding it through challenging and often breathtaking experiment with narrative form. Frequently presenting the reader with bewildering shifts in time and narrative perspective and exhibiting a preference for the interior psychological landscapes of its characters, modern novels often possess and emotional intensity and haunting lyricism that testifies to the widespread fragmentation and alienation techniques like stream of consciousness and fragmented narratives, modern novels defy the expectations generated by traditional narrative even as they give us some of the most memorable characters in literature. Possible authors covered in the class include: Conrad, Joyce, Woolf, Lawrence,
Faulkner, Kafka, and Rhys.  
Credits: 3  
On Occasion

ENG 634 Modern Drama  
What caused the major revolution in playwriting that occurred in the second half of the nineteenth century? Audiences were both shocked and fascinated to find that, instead of watching lavish musical revues and broadly comic farces, they were now peering into the homes of stage characters whose lives and problems resembled their own experiences. Henrik Ibsen, a Norwegian, focused attention on self-definition of characters who were wrestling with subjects never before staged, such as commercial fraud, sexually transmitted disease, and the day-to-day role-playing that characterizes many marriages. Other playwrights from different countries followed, among them August Strindberg, Oscar Wilde, George Bernard Shaw and Anton Chekhov. Each of them added distinctive elements, each forging his own artistic signature. And the presentation of dramatic situations close to real-life experiences continued to develop through the first half of the twentieth century, expressed in different styles in the works of Eugene O'Neill, Arthur Miller and Tennessee Williams. Readings include the major works of the period as students explore the variety of philosophical approaches and their relationship to the anatomy of the plays, as well as different staging and performance practices.  
Credits: 3  
On Occasion

ENG 643 Shakespeare  
This class provides a forum for exploring key issues in Shakespeare scholarship. Its aim is to foster an interest in discovering new approaches to the plays and poems. A write of unparalleled genius, Shakespeare is the world's best known and most respected dramatist and poet. As his eloquence makes us more sensitive to language, his uncanny insight into human experience enlarges our sense of self. Laced with wit and empathy, he embraces the full range of life from its violence and horror to its magic and charm. His work moreover articulates our most crucial intellectual and ethical dilemmas with extraordinary brilliance. Semesters are organized around specific approaches or themes, such as: Shakespeare's dual roles as dramatist and poet; his development and evolution as a playwright; his conceptual and linguistic creativity; the relation of his works to his literary models; and his attitudes toward literature, theatre, philosophy, and religion.  
Credits: 3  
On Occasion

ENG 645 Literature of the English Renaissance  
The English Renaissance, covering the early modern period from Henry VIII to James I, was a crucial period of unparalleled genius in the development of English literature. A new fascination with self-examination, fueled by a driving interest in individuality and subjectivity, changed the way we view ourselves today. Attention to the natural world brought about a new conception of humanity. Epic, drama, poetry, and literary criticism established new standards of depth and eloquence. Writers such as Sir Thomas Wyatt, Sir Philip Sydney, Edmund Spenser, Christopher Marlowe, Sir Walter Raleigh, Michael Drayton, William Shakespeare, Francis Bacon, Ben Jonson and John Donne not only pioneered new methods for describing human experience, but also helped bring into being the concept of "literature" as we know it today. They were part of a new and highly self-conscious group of writers that gave new meaning to the humanities, and reading them today continues to yield important insights into the paradoxes, contradictions, and complexities of modern life.  
Credits: 3  
On Occasion

ENG 650 Chaucer  
This course will introduce the social structure, art, theology, and educational theory of the twelfth to the fourteenth centuries in preparation for reading selected portions of the greatest work of the period's greatest author, The Canterbury Tales. A collection of tales in various narrative forms told by representative members of fourteenth-century English society, The Canterbury Tales is a literary ancestor of the modern short-story collection.  
Credits: 3  
On Occasion

ENG 651 Middle-English Literature  
In this course, lyric, romance, tale, fabliaux and drama by Malory, Langland, Mandeville, The Pearl Poet, the Wakefield Master and others of the period 1100-1500 are covered.  

ENG 653 Metaphysical and Cavalier Poetry  
This course studies the development and artistry of two schools of lyric poetry in the earlier seventeenth century. Ben Jonson and "The Sons of Ben," including Robert Herrick worked in a lyric mode that endured for centuries while John Donne and such followers as George Herbert and Richard Crashaw developed a mode that found a synthesis of new ideas and old. While this second school fell out of favor later in the century, it was rediscovered in the early twentieth century and is a force continuing today. Andrew Marvell is a culminating figure combining elements of both schools.  
Credits: 3  
On Occasion

ENG 654 Milton  
John Milton is the author of the great epic poem of the English language, Paradise Lost, which will receive major attention. In addition, the course will cover some of the minor poetry of Milton's early years, prose works from his middle period, and perhaps one of the works from his last years, the closet drama Samson Agonistes and the brief epic Paradise Regained.  
Credits: 3  
On Occasion

ENG 655 The Romantic Movement  
An exhilarating period of experimentalism, rebellion, and the radically new, the Romantic era brought a revolution in writing. The Romantic poets believed that poetry itself was so powerful that it was revolutionary. Romantics felt that the self was capable of anything: the individual imagination could reach the infinite. Anyone could strive like a god. Many Romantic writers questioned traditional ideas such as the interior position of women in society, the social hierarchy as a natural and just practice, and the existence of god. Themes that will be explored in this class include the linkage of sex and death and of ecstasy and pain; nature as a means to transcendence; states of trance, dreams, nightmares, and sublimity; the femme fatale and the homme fatale; the Gothic; the outsider, the self-exiled, and the wanderer; and spiritual homelessness. Authors covered will include Wollstonecraft, Mary and Percy Bysshe Shelley, Blake, Wordsworth, Keats, Coleridge, Shelley, Byron and Austen.  
Credits: 3  
On Occasion

ENG 656 Studies in Victorian Literature  
Moved by the social and aesthetic concerns of their time, authors of the Victorian period worked to represent in their writing the minuitia of what it meant to be alive in 19th-century Britain. Literature moved from the concerns of the Romans with sublimity and the apocalypse to a realism interested in such matters as class, money, morals, and manners. In this course the works of the major novelists and poets of the time will be read closely, but they will also be explored in light of the vast and exuberant changes that were influencing these authors' lives and those of everyone around them. This course will revolve around such topics as the modern city and industrialization, gender and sexuality, and religion and science. Authors read will include Tennison, Browning, Arnold, Hopkins, the Rossetti's, George Eliot, Dickens, the Brontes, Conrad, and Wilde.  
Credits: 3  
On Occasion

ENG 657 Modern British Literature  
At the beginning of the twentieth century, Great Britain was the richest and most powerful nation on earth and had experienced remarkable stability and peace for many decades. Yet revolutionary change was coming: England would fight two catastrophic wars within the next twenty-five years, its empire world begin to collapse, its wealth would disintegrate, and its young would question every inherited value, including articles of religious faith, traditional institutions, and customary perspectives. The literature written during this century reflects these changed realities, and it is rich, provocative, challenging and disturbing. It performs distinctly
modern experiments with some of the traditional components of view, and the reordering of form. This course will explore the value of the past and the collapse of traditional sources of meaning and authority; changing gender roles and family structures; the bitter legacy of World War I (the first war of mass destruction); sex as a liberating - yet sometimes destructive - force; and the brutal exploitation that colonialism and capitalism engendered. We will see the shock of the new in this literature, as well as both the terror and excitement of change.

Credits: 3
On Occasion

**ENG 658 Eighteenth-Century Literature and Life**

Eighteenth-century English literature is virtually a mirror image of eighteenth-century London: a thriving, bustling city – the largest and richest in Europe, a hub of finance and commerce, as well as fashion, culture, aristocratic social life and theatres and galleries. But London was also home to hundreds of thousands of people living in extreme poverty, often dying of starvation. Samuel Johnson, one of the strongest voices in the literature of the age, once wrote, ‘When a man is tired of London, he is tired of life.’ Thus the writing of the period was varied and energetic, encompassing all that was important to Londoners and, by extension, to all eighteenth-century Englishmen. Writings include satirical attacks on the establishment, fanciful tales of exotic lands, successful strategies for young lovers, plays glorifying criminals, and serious discussions of what constitutes genuine happiness. Readings will include selections from Jonathan Swift, John Gay, Alexander Pope, Susannah Centlivre, and Samuel Johnson.

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, Etheredge, Farquhar, Gay, Fielding, Goldsmith, Sheridan and others.

**ENG 670 The Critical Tradition**

In this course, the great literary critics, from Aristotle to contemporary figures, are presented.

**ENG 684 Seminar in a Major Author**

This course is designed to provide an intense engagement with a major figure who has inaugurated a unique literary tradition or genre, reshaped an existing tradition in an innovative way, or made a significant contribution to an established genre or period. In addition to examining many of the major works of the author, this course will provide an assessment of the various critical traditions that have grown up around the author, the author's relationship to other figures in his or her tradition, and an overview of the cultural/historical forces shaping the author's work.
DEPARTMENT OF FOREIGN LANGUAGES

Phone: 516-299-2385
Fax: 516-299-2997
Chair: Associate Professor Gunther
Professor De Vivo
Associate Professors: Codebò, Frouman-Smith, Rosario-Velez
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 reports 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
Brooklyn, NY 11548-1300

Required Comprehensive Exam

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:

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 513</td>
<td>Advanced Syntax and Stylistics</td>
<td>3.00</td>
</tr>
<tr>
<td>SPA 541</td>
<td>Introduction to Spanish Linguistics</td>
<td>3.00</td>
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</tbody>
</table>

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.
M.S. in Adolescence Education: Spanish (Grades 7-12)

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.
**Linguistics Courses**

**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 786 is cross-listed as LIN 511.
Credits: 3
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 787 is cross-listed as LIN 512.
Credits: 3
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 789 is cross-listed as LIN 514.
Credits: 3
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 790 is cross-listed as LIN 515.
Credits: 3
On Occasion

**LIN 516 Psycholinguistics**
The course explores linguistic aspects of biology and psychology, 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 791 is cross-listed as LIN 516.
Credits: 3
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 792 is cross-listed as LIN 517.
Credits: 3
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.
Credits: 3
On Occasion

**Spanish Courses**

**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, Alfonso 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 Rodriguez, Julia Alvarez, Sandra Cisneros, Esmerilda Santiago, Junot Diaz, Nilo Cruz, Cristina Garcia, 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 564 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 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

SPA 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

SPA 567 Civilization and Culture of Spain
This course covers the civilization and 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 576 The Novel in Spanish America II
This course covers the novel in Spanish America from modernism to the present.

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 622 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 Literatures 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

World Literature Courses

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 of 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
Brooklyn, 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

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

M.A. in History Additional Elective History Courses

Two additional courses/six credits from all HIS courses excluding HIS 708

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.

M.S. in Adolescence Education: Social Studies (Grades 7-12)

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 to 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 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 unholliness 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 507 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 508 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 509 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 510 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 511 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 512 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 531 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 racist 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 539 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, communim 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 540 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 541 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 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 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 catastrophic 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.
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

HIS 584 New Deal America

HIS 573 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

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

HIS 580 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

HIS 599 Topics in History

Courses on different historical topics that will be announced under relevant subtitles. Credits: 3

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. 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

HIS 598 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 course intends to provide students with both a concise introduction to the land's modern history and introduce them to several key works in the field of Iranian studies.

Credits: 3

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

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

HIS 595 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

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

HIS 572 History of Modern Iraq

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

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

HIS 570 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

HIS 568 History of Iraq

While surveying a comparatively brief moment within Iraq'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 course intends to provide students with both a concise introduction to the land's modern history and introduce them to several key works in the field of Iranian studies.

Credits: 3

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

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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

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

HIS 574 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

HIS 577 History of Modern Egypt

While surveying a comparatively brief moment within Egypt'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 course intends to provide students with both a concise introduction to the land's modern history and introduce them to several key works in the field of Iranian studies.

Credits: 3

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

HIS 580 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

HIS 578 History of Modern Iraq

While surveying a comparatively brief moment within Iraq'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 course 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
**HIS 708 Thesis**

Required of matriculated master's students pursuing thesis option. 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*
INTERDISCIPLINARY STUDIES

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).

M.A. or M.S. in Interdisciplinary Studies

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

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  
Adjunct Faculty: 9  

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 qualify 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 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  
Brooklyn, 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**

<table>
<thead>
<tr>
<th>Required Applied Mathematics Courses</th>
<th>MTH 615</th>
<th>Linear Algebra I</th>
<th>3.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MTH 631</td>
<td>Foundations of Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td>MTH 632</td>
<td>Applications of Analysis</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Applied Mathematics Capstone Option**

One of the following options:
- MTH 707 Research Methods and Thesis Seminar 4.00

OR one additional course/three credits from all MTH courses excluding MTH 707 and 709.

AND

- MTH 709 Oral Presentation 1.00

Students must choose either a concentration in Classical Mathematics or Computer Mathematics.

**Classical Mathematics Concentration Requirements**

<table>
<thead>
<tr>
<th>Required Classical Mathematics Courses</th>
<th>MTH 543</th>
<th>Ordinary Differential Equations and Special Functions</th>
<th>3.00</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MTH 553</td>
<td>Fourier Methods and Boundary Value Problems</td>
<td>3.00</td>
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<tr>
<td></td>
<td>MTH 616</td>
<td>Linear Algebra II</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td>MTH 627</td>
<td>Complex Analysis I</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td>MTH 681</td>
<td>Numerical Methods I</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Mathematics Courses**

Three courses/nine credits from all MTH courses excluding MTH 707 and 709.

**Computer Mathematics Concentration Requirements**

<table>
<thead>
<tr>
<th>Required Computer Mathematics Courses</th>
<th>MTH 512</th>
<th>Mathematical Logic and Information</th>
<th>3.00</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MTH 521</td>
<td>Linear Programming</td>
<td>3.00</td>
</tr>
<tr>
<td></td>
<td>MTH 568</td>
<td>Mathematical Statistics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**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 recommended 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.
- Minimum G.P.A. of 3.0 in Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

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LIU Post
720 Northern Boulevard
Brookville, NY 11548-1300

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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

OR one additional course/three credits from all MTH courses excluding MTH 707 AND MTH 709 Oral Presentation 1.00

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
Alternate Fall

MTH 521 Topology
This course is the study of elementary point set topology including notions of open, closed, compact and connected sets. Continuous maps, and homeomorphisms, metrics, completeness and induced topology are studied. Some aspects of algebraic topology are briefly introduced.
Credits: 3
Every Spring

MTH 522 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 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 525 Linear Programming
This course covers elementary linear algebra, convex geometry, linear programming problems, the simplex method. Also included is Tucker and Danzig tableaux, duality, sensitivity analysis, solutions of the transportation and the assignment problems, and computational considerations.
Credits: 3
Alternate Fall

MTH 526 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 513 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 620 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 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 & 569 is required.
Co-requisite of MTH 631 is required.

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 are included.
Credits: 3
On Occasion

MTH 667 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 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 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
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 prepares 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

### Requirements

**M.A. in Political Science Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 700</td>
<td>Political Science</td>
<td>3.00</td>
</tr>
<tr>
<td>POL 707</td>
<td>Political Science: Approaches and Methods</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Elective Political Science Courses

Seven courses/twenty-one 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**

- 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.

**M.S. in Adolescence Education: Social Studies (Grades 7-12)**

**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: 2
On Occasion

POL 504 Studies in American Politics
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 505 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 506 American Political Parties
This course is designed to introduce students to the American presidency.
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 512 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 513 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 514 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 515 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 516 Metropolitics
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 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: 3
On Occasion

POL 518 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 519 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 tradition 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, Spring and Summer

**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 750 Contemporary Political Ideologies**
This course is a comparative study of major political ideologies and their relationship to political events.
Credits: 3
On Occasion

**POL 751 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 752 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 754 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 761 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 762 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 763 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 764 Politics of Multilateralism**
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 765 Legal Philosophy**
This course is an examination of the evolution of Western political thought from ancient Greece to the 16th century.
Credits: 3
On Occasion

**POL 766 Theories of International Relations**
This course is an analysis of the rise of political realism, Aristotelianism, and the development of the conciliar movement.
Credits: 3
On Occasion

**POL 767 Theory of 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 768 Theories of International Relations**
This course is an analysis of the rise of political realism, Aristotelianism, and the development of the conciliar movement.
Credits: 3
On Occasion

**POL 769 Contemporary Political Ideologies**
This course is a comparative study of major political ideologies and their relationship to political events.
Credits: 3
On Occasion

**POL 770 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 771 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 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 773 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 774 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 775 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 776 Contemporary Political Ideologies**
This course is a comparative study of major political ideologies and their relationship to political events.
Credits: 3
On Occasion

**POL 777 Theories of International Relations**
This course is an analysis of the rise of political realism, Aristotelianism, and the development of the conciliar movement.
Credits: 3
On Occasion

**POL 778 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 779 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 780 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 781 Theories of International Relations**
This course is an analysis of the rise of political realism, Aristotelianism, and the development of the conciliar movement.
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 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
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 a 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
Brooklyn, NY 11548-1300

ACADEMIC POLICIES

Each grade below B is considered a deficiency. Two deficiency grades will result in probation. 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

The Department of Psychology offers the Master of Arts in Psychology, the Master of Arts in Behavior Analysis, 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.

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 Additional Requirements

Minimum Total Credits = 36
Minimum G.P.A. = 3.00
M.A. in Behavior Analysis

The field of behavior analysis consists of two interrelated components. Experimental analysis is designed to investigate the fundamental principles of behavior and applied behavior analysis is designed to apply those principles to solving socially important problems of human behavior. The program is designed to give students the training needed to understand these fundamental principles and to apply them to the solution of human problems.

The degree, along with the hours of required supervised clinical experience, can qualify students to take the Board Certified Behavior Analyst (BCBA) examination. This national credential attests to an individual's expertise in Applied Behavior Analysis.

Admission Requirements

Applicants to the Master of Arts in Behavior Analysis 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 a 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:
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LIU Post
720 Northern Boulevard
Brookville, NY 11548-1300

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M.A. in Behavior Analysis

Requirements

Required Behavior Analysis Courses

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 606</td>
<td>Statistics in Psychology</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 607</td>
<td>Experimental Methods in Psychology I</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 608</td>
<td>Experimental Methods in Psychology II</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 610</td>
<td>Behavioral Assessment</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 651</td>
<td>Behavior Analysis and Learning</td>
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</tr>
<tr>
<td>PSY 657</td>
<td>Applied Behavior Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 658</td>
<td>Ethics and Professional Development in Applied Behavior Analysis</td>
<td>3.00</td>
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Elective Behavior Analysis Courses

Three of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 653</td>
<td>Developmental Psychology</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 655</td>
<td>Psychopathology</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 660</td>
<td>Current Issues in Applied Behavior Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 664</td>
<td>Theory and Practice of Psychotherapy</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 704</td>
<td>Advanced Issues in Psychology I</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 705</td>
<td>Advanced Issues in Psychology II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective Thesis Courses

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 707</td>
<td>Thesis Tutorial I</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 708</td>
<td>Thesis Tutorial II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

M.A. in Behavior Analysis 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.

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.

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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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PSY 607 Experimental Methods in</td>
<td>3.00</td>
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<tr>
<td>Psychology I</td>
<td></td>
</tr>
<tr>
<td>PSY 651 Behavior Analysis and</td>
<td>3.00</td>
</tr>
<tr>
<td>Learning</td>
<td></td>
</tr>
<tr>
<td>PSY 657 Applied Behavior Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 658 Ethics and Professional</td>
<td>3.00</td>
</tr>
<tr>
<td>Development in Applied</td>
<td></td>
</tr>
<tr>
<td>Behavior Analysis</td>
<td></td>
</tr>
<tr>
<td>PSY 704 Advanced Issues in</td>
<td>3.00</td>
</tr>
<tr>
<td>Psychology I</td>
<td></td>
</tr>
<tr>
<td>PSY 705 Advanced Issues in</td>
<td>3.00</td>
</tr>
<tr>
<td>Psychology II</td>
<td></td>
</tr>
</tbody>
</table>

Advanced Certificate in Applied Behavior Analysis

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: Applied Child, Developmental Disabilities, Family Violence and Serious 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 four populations: children with cognitive and behavior problems, people with developmental disabilities, victims of family violence and people with serious mental illness. 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,
To provide a training experience that

Goal #3: 

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, 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) opennessmindedness, 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 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; Applied Child, Developmental Disabilities, Family Violence and Serious Mental Illness.

**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 applied child, developmental disabilities, family violence and serious mental illness.

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 applied child, developmental disabilities, family violence and serious 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.L.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 Department of Psychology, as well as licensed clinical psychologists from the Long Island.

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.

**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/cwp/post/onlinapp.
   - For the field "Campus", select "LIU Post".
   - For the field "Admit type", select "Graduate" or "Doctoral Program at LIU Post".
   - For the field "Campus", select "LIU Post".

2. **Application Fee**
   Mail a non-refundable application fee of $40 by either check or money order (made payable to LIU Post) 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. You can also pay by credit card by printing the Credit Card Authorization form on the Bursar website at www.liu.edu/cwp/post/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, Developmental Disabilities, Family Violence and Serious 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...
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/cwp/post/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 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.

**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 case-by-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 full-time 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.

Safe Zone
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 803</td>
<td>Cognitive and Neuropsychological Assessment</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 803L</td>
<td>Cognitive and Neuropsychological Assessment Laboratory</td>
<td>0.00</td>
</tr>
<tr>
<td>PSY 804</td>
<td>Personality Assessment</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 804L</td>
<td>Personality Assessment Laboratory</td>
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</tr>
<tr>
<td>PSY 806</td>
<td>Advanced Adult Psychopathology</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 807</td>
<td>Behavioral Assessment</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 807L</td>
<td>Behavioral Assessment Laboratory</td>
<td>0.00</td>
</tr>
<tr>
<td>PSY 810</td>
<td>Clinical Psychology in the Public Interest</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 820</td>
<td>Behavior Analysis</td>
<td>3.00</td>
</tr>
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</table>

Required Second-Year Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 824</td>
<td>Developmental Psychology: Lifespan</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 826</td>
<td>Clinical Interviewing</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 851</td>
<td>Assessment of Children</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 851L</td>
<td>Assessment of Children Laboratory</td>
<td>0.00</td>
</tr>
<tr>
<td>PSY 861</td>
<td>Child and Adolescent Psychopathology</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Third-Year Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 844</td>
<td>Biological Basis of Behavior</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 850</td>
<td>Professional Development Seminar: Benefiting from Supervision</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 853</td>
<td>Group Psychotherapy</td>
<td>3.00</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
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</tr>
<tr>
<td>PSY 860</td>
<td>Professional Development Seminar: Preparation for the Clinical Competency Exam (CCE)</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 894</td>
<td>Clinical Externship I</td>
<td>1.00</td>
</tr>
<tr>
<td>PSY 895</td>
<td>Clinical Externship II</td>
<td>1.00</td>
</tr>
<tr>
<td>PSY 896</td>
<td>Clinical Externship III</td>
<td>1.00</td>
</tr>
</tbody>
</table>

### 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

#### 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

### 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 Mental Illness Concentration Requirements

#### Required Serious and Persistent Mental Illness Courses
All of the following:
- PSY 847 Concentration: Theory and Research in Serious Mental Illness 3.00
- PSY 857 Concentration: Clinical Applications in Serious Mental Illness 3.00

### Psy.D. in Clinical Psychology

#### Additional Requirements
Minimum Total Credits = 115
Minimum G.P.A. = 3.00
<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Requirement/Meeting Time</th>
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</thead>
<tbody>
<tr>
<td>PSY 606</td>
<td>Statistics in Psychology</td>
<td>3</td>
<td>Every Spring</td>
</tr>
<tr>
<td>PSY 607</td>
<td>Experimental Methods in Psychology I</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>PSY 608</td>
<td>Experimental Methods in Psychology II</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>PSY 610</td>
<td>Behavioral Assessment</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>PSY 614</td>
<td>Social Psychology</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>PSY 616</td>
<td>Personality</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>PSY 651</td>
<td>Behavior Analysis and Learning</td>
<td>3</td>
<td>Annually</td>
</tr>
<tr>
<td>PSY 652</td>
<td>Perception and Cognition</td>
<td>3</td>
<td>Every Fall</td>
</tr>
<tr>
<td>PSY 653</td>
<td>Developmental Psychology</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>PSY 655</td>
<td>Psychopathology</td>
<td>3</td>
<td>Every Spring</td>
</tr>
<tr>
<td>PSY 656</td>
<td>Ethics and Professional Development in</td>
<td>3</td>
<td>Every Spring</td>
</tr>
<tr>
<td>PSY 657</td>
<td>Applied Behavior Analysis</td>
<td>3</td>
<td>Annually</td>
</tr>
<tr>
<td>PSY 658</td>
<td>Current Issues in Applied Behavior</td>
<td>3</td>
<td>Annually</td>
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<tr>
<td>PSY 661</td>
<td>Psychological Assessment</td>
<td>3</td>
<td>On Occasion</td>
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<tr>
<td>PSY 664</td>
<td>Theory and Practice of Psychotherapy</td>
<td>3</td>
<td>Every Fall</td>
</tr>
<tr>
<td>PSY 666</td>
<td>Psychopharmacology</td>
<td>3</td>
<td>Every Spring</td>
</tr>
<tr>
<td>PSY 669</td>
<td>Neuropsychological Bases of Behavior</td>
<td>3</td>
<td>Every Fall</td>
</tr>
<tr>
<td>PSY 670</td>
<td>Advanced Issues in Psychology I</td>
<td>3</td>
<td>Every Spring</td>
</tr>
</tbody>
</table>
PSY 705 Advanced Issues in Psychology II
This course is the advanced treatment of topics of current theoretical interest.
Credits: 3
Annually

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

Clinical Psychology Doctoral Courses

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 Fall

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 status which often enter into 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 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 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 biopsychosocial 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 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 fullyear, 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. Internships generally begin in June of the fourth year or September of the fifth year. Year 4 or 5 course. Students must register for this course three times. This course has a special fee.
Open to students in the Psy.D. plan only.
Credits: 0
Every Fall, Spring and Summer

PSY 842 Dissertation Supervision Continuation
Beginning in the fifth year or when all required program courses excluding internship have been completed, students may 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 Concentrations Theory and Research in Family Violence
The purpose of this concentration 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 Concentrations Theory and Research in Serious 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 hope 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 Concentrations 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.

PSY 849 Concentrations 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 Concentrations 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 Concentrations Clinical Applications in Serious Mental Illness
The aim of this course is to familiarize students with psychotherapeutic understanding and techniques for the treatment of serious 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 psychotherapeutic 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
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

On Occasion

PSY 859 Concentrations 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 issues 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 bring 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 Behavior 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
Alternate 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 Fall

**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
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 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-benefit 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 516 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

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
On Occasion

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
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, or fax: 516-299-2786.

Andrew J. Rosman
Dean
andrew.roisman@liu.edu

Andraes Alexander
Assistant Dean
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 prior 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>GBA 520</td>
<td>Economics for Business Decisions</td>
<td>3.00</td>
</tr>
<tr>
<td>GBA 521</td>
<td>Financial Accounting and Reporting</td>
<td>3.00</td>
</tr>
<tr>
<td>GBA 522</td>
<td>Corporate Financial Management</td>
<td>3.00</td>
</tr>
<tr>
<td>GBA 523</td>
<td>Management and Leadership in a Global Society</td>
<td>3.00</td>
</tr>
<tr>
<td>GBA 524</td>
<td>Marketing Management</td>
<td>3.00</td>
</tr>
<tr>
<td>GBA 525</td>
<td>Statistics For Management</td>
<td>3.00</td>
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</tbody>
</table>

#### Required Management Perspective Courses

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBA 620</td>
<td>Managing Information Technology and e-Commerce</td>
<td>3.00</td>
</tr>
<tr>
<td>MBA 621</td>
<td>Financial Markets and Institutions</td>
<td>3.00</td>
</tr>
</tbody>
</table>
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 IUB 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.

**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 IUB 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 IUB 708
Prerequisites of GBA 520, 522, MBA 621, and FIN 716 or IUB 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 macroeconomic 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 financial 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...
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.
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
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

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 interfirm 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

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 realworld problem. Prerequisites of GBA 523 and MBA 623 or its equivalents are required. Student must be in acceptable plan of study. Credits: 3

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

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

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

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

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

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 522 or its equivalents are required. Student must be in acceptable plan of study. Credits: 3
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. Prerequisites of GBA 523, MBA 620 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. Prerequisites 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

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 multidisciplinary 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, role-playing, 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 faced 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.

**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: hcpa@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.


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

Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPA 501</td>
<td>Principles of Public Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>MPA 502</td>
<td>Organizational Theory and Behavior in the Health &amp; Public Sectors</td>
<td>3.00</td>
</tr>
<tr>
<td>MPA 503</td>
<td>Economic Environment and the Public Sector</td>
<td>3.00</td>
</tr>
<tr>
<td>MPA 505</td>
<td>Analytical Methods</td>
<td>3.00</td>
</tr>
<tr>
<td>MPA 506</td>
<td>Performance Management &amp; Information Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>MPA 507</td>
<td>The Policy Process in Health Care and Public Administration</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective Public Administration Courses

Students must complete three courses from the list below.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>PAD 712</td>
<td>Environmental Law and Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 714</td>
<td>Seminar in the Politics of Environmental Control</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 715</td>
<td>Environmental Pollution</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 716</td>
<td>Coastal Zone Management</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 717</td>
<td>Environmental Impact Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 725</td>
<td>Governmental Regulation of Land Use</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 729</td>
<td>Environmental Planning</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 748</td>
<td>Managing Metropolitan Government</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 780</td>
<td>Current Issues in Public Administration</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Master of Public Administration: Public Administration Concentration

Required Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAD 602</td>
<td>Human Resource Administration in the Public Sector</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 603</td>
<td>Foundations of Budgeting and Finance in the Public Sector</td>
<td>3.00</td>
</tr>
<tr>
<td>PAD 604</td>
<td>Administrative Responsibility and the Legal Environment in the Public Sector</td>
<td>3.00</td>
</tr>
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</table>

Required Nonprofit Management Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPM 650</td>
<td>Introduction to Nonprofit Management</td>
<td>3.00</td>
</tr>
<tr>
<td>NPM 651</td>
<td>Fundraising and Development for Nonprofit Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>NPM 652</td>
<td>Human Resource Management in Nonprofit Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>NPM 653</td>
<td>Financial Management in Nonprofit Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>NPM 654</td>
<td>Legal, Ethical and Governance Issues in Nonprofit Organizations</td>
<td>3.00</td>
</tr>
</tbody>
</table>
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 3.00 Consultation
- NPM 708 Thesis 3.00

Non Profit Management Concentration
- Foundation 18 credits
- Non profit 15 credits
- Electives 3 credits
- Capstone 6 credits
- Total 42 credits

Public Administration Concentration
- Foundation 18 credits
- Advanced Core 9 credits
- Electives 9 credits
- Capstone 6 credits
- Total 42 credits

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.


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

Required Health Care Administration Foundation Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPA 501</td>
<td>Principles of Public Administration</td>
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<td>MPA 502</td>
<td>Organizational Theory and Behavior in the Health &amp; Public Sectors</td>
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<tr>
<td>MPA 503</td>
<td>Economic Environment and the Public Sector</td>
<td>3.00</td>
</tr>
<tr>
<td>MPA 505</td>
<td>Analytical Methods</td>
<td>3.00</td>
</tr>
<tr>
<td>MPA 506</td>
<td>Computer Based Management Systems</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Health Care Administration Advanced Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAD 602</td>
<td>Human Resource Administration in the Health Sector</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 603</td>
<td>Foundations of Budgeting and Finance in The Health Sector</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 604</td>
<td>Administrative Responsibility and the Legal Environment in the Health Sector</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Health Care Administration Capstone Seminar Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAD 707</td>
<td>Thesis Research</td>
<td>3.00 Consultation and Thesis</td>
</tr>
<tr>
<td>HAD 708</td>
<td>Thesis Research</td>
<td>3.00 Consultation and Thesis</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAD 701</td>
<td>Hospitals &amp; Health Care Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 702</td>
<td>Epidemiology &amp; Public Health</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 709</td>
<td>Legal Aspects In Health</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 710</td>
<td>Gerontology: Processes of Aging</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 711</td>
<td>Long-Term Care Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 712</td>
<td>The Management of Senior Community Programs</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 713</td>
<td>Rehabilitation and Restorative Programs</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 714</td>
<td>Planning and Marketing in Health Care</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 715</td>
<td>Mental Health Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 723</td>
<td>Economics of Health</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 724</td>
<td>Managed Care Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 725</td>
<td>Financial Management of Health Care Institutions</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 780</td>
<td>Current Issues in Health Administration</td>
<td>3.00</td>
</tr>
</tbody>
</table>
mastery of organizational processes and structures, The program's unique strengths include to each institution separately. requirements. Students must apply and be admitted in institutions upon the successful completion of degrees are awarded separately by their respective transferred to the other. The J.D. and M.P.A. Association. The number of credits required is provide a comprehensive understanding of the practical skills. The Master of Public Administration (M.P.A.) degree, offered by 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 B.A. Political Science / Master of Public Administration (MPA) See LIU Post Undergraduate Bulletin, College of Liberal Arts & Sciences, Department of Political Science / International Studies for program description and requirements. B.F.A. Arts Management / Master of Public Administration (MPA) Please see LIU Post Undergraduate Bulletin, School of Visual & Performing Arts, Department of Theatre, Film, Dance and Arts Management for program description and requirements. 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...
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 Nonprofit 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 Gerontology Requirements**

**Required Gerontology Course**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAD 710</td>
<td>Gerontology: Processes of Aging</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Gerontology Courses**

Students must complete four courses from the following:

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>HAD 602</td>
<td>Human Resource Administration in the Health Sector</td>
<td>3.00</td>
</tr>
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<td>HAD 603</td>
<td>Foundations of Budgeting and Finance in The Health Sector</td>
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<td>Legal Aspects In Health</td>
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<td>Long-Term Care Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 712</td>
<td>The Management of Senior Community Programs</td>
<td>3.00</td>
</tr>
<tr>
<td>HSN 501</td>
<td>Principles Of Nutritional Science</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 726</td>
<td>Interdisciplinary Assessment</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 727</td>
<td>Entrepreneurship in Gerontology</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 728</td>
<td>Financial, Estate and Retirement Planning</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 729</td>
<td>Bereavement: Psychological, Cultural and Institutional Perspectives</td>
<td>3.00</td>
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</table>

**Advanced Certificate in Gerontology requires 15 credits to complete.**

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**Advanced Certificate in Nonprofit Management Requirements**

**Required Nonprofit Management Course**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPM 650</td>
<td>Introduction to Nonprofit Management</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Advanced Nonprofit Management Courses**

Students must complete three courses from the list below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPM 651</td>
<td>Fundraising and Development for Nonprofit Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>NPM 652</td>
<td>Human Resource Management in Nonprofit Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>NPM 653</td>
<td>Financial Management in Nonprofit Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>NPM 654</td>
<td>Legal, Ethical and Governance Issues in Nonprofit Organizations</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Public Administration Course for Nonprofit Management**

Students must complete one course from the list below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPA 701</td>
<td>Managerial Communications</td>
<td>3.00</td>
</tr>
</tbody>
</table>

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LIU Post Graduate Bulletin 2013 - 2014
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: MPA 501 & 502 (or MSW gerontology concentration) 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: MPA 501 & 503 (or MSW gerontology concentration) 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: MPA 501 & 502 (or MSW gerontology concentration) are required.
Credits: 3
Every Fall

HAD 607 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: MPA 501 & 502 (or MSW gerontology concentration) are required.
Credits: 3
Every Fall

HAD 608 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: MPA 501 & 502 (or MSW gerontology concentration) are required.
Credits: 3
Every Fall

HAD 704 Planning and Marketing in Health Care
This course is a study of the functions of the various services and programs, both freestanding 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: MPA 501 & 502 (or MSW gerontology concentration) are required.
Credits: 3
On Occasion

HAD 705 Gerontology Process 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, 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: MPA 501 & 502 (or MSW gerontology concentration) 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: MPA 501 & 502 (or MSW gerontology concentration) 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 freestanding 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: MPA 501 & 502 (or MSW gerontology concentration) are required.
Credits: 3
On Occasion
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAD 715</td>
<td>Mental Health Administration</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>HAD 723</td>
<td>Economics of Health</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>HAD 724</td>
<td>Managed Care Administration</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>HAD 725</td>
<td>Financial Management of Health Care Institutions</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>HAD 727</td>
<td>Entrepreneurship in Gerontology</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>HAD 780</td>
<td>Current Issues in Health Administration</td>
<td>3</td>
<td>Every Semester</td>
</tr>
<tr>
<td>MPA 501</td>
<td>Principles of Public Administration</td>
<td>3</td>
<td>Every Semester</td>
</tr>
<tr>
<td>MPA 502</td>
<td>Organizational Theory and Behavior in the Health &amp; Public Sectors</td>
<td>3</td>
<td>Every Semester</td>
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<tr>
<td>MPA 503</td>
<td>Economic Environment and the Public Sector</td>
<td>3</td>
<td>Every Semester</td>
</tr>
<tr>
<td>MPA 506</td>
<td>Performance Management and Information Systems in the Public Sector</td>
<td>3</td>
<td>Every Semester</td>
</tr>
<tr>
<td>MPA 701</td>
<td>Managerial Communications</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>MPA 704</td>
<td>Intergovernmental Relations</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>MPA 707</td>
<td>Training &amp; Development</td>
<td>3</td>
<td>On Occasion</td>
</tr>
</tbody>
</table>
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 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) 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. Students learn to evaluate systems of services, program strategies and methods for continuous improvement, and to analyze and measure the impact of changes on outcomes.
Prerequisites of MPA 501 & 502 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) 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.
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 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
occupational safety. Employment opportunity, employee rights and public sector, including the merit system, civil practices of human resource administration in the public sector. This course is an exploration of the theories and policy development and the monitoring of public sector progress.

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 NPM 707 and must seek permission of the academic advisor. NPM 707 and 708 may NOT be taken simultaneously.

Prerequisite of NPM 501, 502, 503, 504, 505, 506, 507 and 36 credits completed 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 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) are required.
Credits: 3
On Occasion

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 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 709 Environmental Pollution
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 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 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) 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 (or MSW gerontology concentration) are required.
Credits: 3
On Occasion
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. 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 applicant:
  - 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...
Elective Accounting Courses

Students must complete three of the following:

- **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 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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TAX 620</td>
<td>Tax Accounting</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 625</td>
<td>Federal Taxation of Estates, Gifts and Trusts</td>
<td>3.00</td>
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<tr>
<td>TAX 760</td>
<td>Tax Research</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 762</td>
<td>Procedures and Practices in Federal Taxation</td>
<td>3.00</td>
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<tr>
<td>TAX 771</td>
<td>Corporate Taxation</td>
<td>3.00</td>
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<tr>
<td>TAX 775</td>
<td>Introduction to Partnerships and Limited Liability Entities</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective Taxation Courses
Students must complete twelve credits from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAX 729</td>
<td>State &amp; Local Taxation</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 772</td>
<td>Corporate Reorganization &amp; Consolidation</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 773</td>
<td>Consolidated Returns</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 776</td>
<td>Subchapter S Corporations</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 777</td>
<td>Estate Planning</td>
<td>3.00</td>
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<tr>
<td>TAX 778</td>
<td>Advanced Partnerships and Limited Liability Entities</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 779</td>
<td>Tax-Exempt Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 780</td>
<td>Fundamentals of Qualified Employee Benefit Plans</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 782</td>
<td>Investment Tax Problems</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 788</td>
<td>International Taxation</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 790</td>
<td>Seminar in Current Developments in Taxation</td>
<td>3.00</td>
</tr>
<tr>
<td>TAX 791</td>
<td>Independent Study</td>
<td>3.00</td>
</tr>
</tbody>
</table>
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. 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 investigations, 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 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 755 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 (CAATs). Prerequisite of ACC 750 is required. 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, MBA 620, 621, 622, 623, 624, 625 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 flow; 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 multistate 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 (Reg. 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 prerequisite 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 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
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 practica at hospitals, research laboratories, private clinical practices, community and governmental agencies, and senior citizen facilities. 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: Post-SHPN@liu.edu, or fax: 516-299-2527.

MaryAnn Clark, Ed.D.
Professor and Dean
maryann.clark@liu.edu

Paul Dominguez, M.S.
Assistant Dean
paul.dominguez@liu.edu
Grievance Policy

1. Student Grievance Policy

The School of Health Professions and Nursing (SHPN) 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 procedures:

1. A student must follow his/her department grievance policy first before proceeding to the SHPN policy.
2. Any academic conduct policy violation initiated by instructors/faculty members will follow the disciplinary/appeals processes as outlined in the LIU website. Students should refer to the following websites for the procedures and for their rights as a student.

   - LIU Post Academic Conduct
   - LIU Post Standards of Conduct
   - LIU Post Disciplinary Conduct
   - LIU Post Appeals
   - LIU Post Student Rights

Grievance Procedure (Grievances not related to academic conduct policy violations)

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 (SHPN Grievance Form) with the Chair/Program Director of the department within 10 business days after meeting with the instructor/faculty member.

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/Director 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 (Grievance Appeal Request Form) 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 Academic Standing 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 a Grievance Appeal Request Form to the Office of the Vice President of Academic Affairs (stating the reasons why the Dean’s decision is being appealed) 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 (to the Dean or Vice President of Academic Affairs) must demonstrate that the standards and procedures were not clearly stated or that they were not applied in a consistent, fair and equitable manner. The burden of proof of an appeal is on the student.


DEPARTMENT OF BIOメディカル SCIENCES

Phone: 516-299-3047
Phone: 516-299-3039 (Clinical Laboratory Sciences)
Fax: 516-299-3998
Email: biomed@cwpost.liu.edu

Chair: Dr. Frances Gizis
Professors: Chandrasekaran, Tamma
Associate Professors: Velozzo
Assistant Professors: Fink, Ginsburg, Gucwa, Martinez
Program Director: Cardiovascular Perfusion: Chan
Program Director, Clinical Laboratory Sciences: Capetandes
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 is designed to prepare students for employment in a clinical laboratory in New York State. The program is 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 (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

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
Brooklyn, N.Y. 11548-1300
Fax: 516-299-2137
E-mail: post-enroll@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
One of the following:

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

BULLETIN 2013 - 2014
Page 200
**Specialty Courses (15 Credits)**

**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 561 Hematology Lab 3.00
- BMS 562 Theories of Blood Coagulation 3.00
- BMS 565 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 Hematology Requirements**
- **Specialty Courses (15 Credits)**
  - BMS 561 Introduction to Hematology 3.00
  - BMS 562 Theories of Blood Coagulation 3.00
  - BMS 565 Quality Management for the Clinical Laboratory 3.00
  - BMS 566 Diagnostic Techniques in Molecular Pathology 3.00
  - BMS 567 Cancer Research: Perspectives, Prospects and Problems 3.00
  - BMS 568 Transfusion Medicine and Transplantation 3.00
  - BMS 569 Advanced Immunology 3.00
  - BMS 570 Selected Topics in Medical Biology 3.00

**Concentration in Immunology Requirements**
- **Specialty Courses (15 Credits)**
  - BMS 581 Immunology 3.00
  - BMS 585 Immunohematology 3.00
  - BMS 594 Medical Microbiology 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

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- BMS 540 Biomedical Statistics 3.00
- BMS 561 Introduction to Hematology 3.00
- BMS 565 Quality Management for the Clinical Laboratory 3.00
- BMS 566 Diagnostic Techniques in Molecular Pathology 3.00
- BMS 567 Cancer Research: Perspectives, Prospects and Problems 3.00
- BMS 568 Transfusion Medicine and Transplantation 3.00
- BMS 569 Advanced Immunology 3.00
- BMS 570 Selected Topics in Medical Biology 3.00

**One of the following courses**
- BMS 561 Introduction to Hematology 3.00
- BMS 562 Theories of Blood Coagulation 3.00
- BMS 565 Quality Management for the Clinical Laboratory 3.00
- BMS 566 Diagnostic Techniques in Molecular Pathology 3.00
- BMS 567 Cancer Research: Perspectives, Prospects and Problems 3.00
- BMS 568 Transfusion Medicine and Transplantation 3.00
- BMS 569 Advanced Immunology 3.00
- BMS 570 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 651 Introduction to Hematology 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
  - BMS 705 Selected Topics in Medical Biology 3.00

**Elective Courses (6 credits)**
- BMS 540 Biomedical Statistics 3.00
- BMS 561 Introduction to Hematology 3.00
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- BMS 566 Diagnostic Techniques in Molecular Pathology 3.00
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- BMS 569 Advanced Immunology 3.00
- BMS 570 Selected Topics in Medical Biology 3.00

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- BMS 568 Transfusion Medicine and Transplantation 3.00
- BMS 569 Advanced Immunology 3.00
- BMS 570 Selected Topics in Medical Biology 3.00
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
Brooklyn, 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 CLM 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

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 full-time clinical laboratory experience may apply for the Diplomate in Laboratory Management (ASCP). Applicants must be ASCP-certified and New York state-licensed clinical laboratory scientists (CLS), and employed in a clinical laboratory as a CLS. Interested individuals should contact ASCP to determine their eligibility to take the certification examination.

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

...
Elective Clinical Laboratory Management Course

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 540</td>
<td>Biomedical Statistics</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 549</td>
<td>Resources Management</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 647</td>
<td>Quality Management for the Clinical Laboratory</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 602</td>
<td>Human Resource Administration in the Health Sector</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 603</td>
<td>Foundations of Budgeting and Finance in the Health Sector</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**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 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) or CMT(ASCP) certification. Graduates are eligible for New York State licensure.

**ADMISSION REQUIREMENTS**

Completed Admission applications must be submitted by February 15 for acceptance into the major program. 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 degree is required, and two letters of admissions committee. Graduates are eligible for New York State licensure.

**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 criminal and hospital sites may reject a student, or remove a student from their site even if a criminal record is found or 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 Capstone Courses

<table>
<thead>
<tr>
<th>Required Clinical Laboratory Science Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 544 CLS Certification Exam Seminar</td>
<td>1.00</td>
</tr>
<tr>
<td>BMS 547 Management, Supervision, Teaching and Professionalism Seminar</td>
<td>2.00</td>
</tr>
<tr>
<td>BMS 551 Clinical Chemistry I and Urinalysis</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 562 Theories of Blood Coagulation</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 563 Hematology and Body Fluids</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 585 Immunohematology</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 587 Clinical Immunology</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 591 Medical Microbiology</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 609 Laboratory Information Systems</td>
<td>1.00</td>
</tr>
<tr>
<td>BMS 610 Histopathology</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 647 Quality Management for the Clinical Laboratory</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 652 Clinical Chemistry II &amp; Instrumentation</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 656 Diagnostic Techniques in Molecular Pathology</td>
<td>3.00</td>
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</tbody>
</table>

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.

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, 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, 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. Frances Gizis, Chair Department of Biomedical Sciences LIU Post 720 Northern Boulevard Brookville, N.Y. 11548
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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 520C</td>
<td>Pathophysiology I</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 550C</td>
<td>Medical Chemistry</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 612C</td>
<td>Pathophysiology II</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 703C</td>
<td>Research Methods</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Medical Biology Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 540C</td>
<td>Biomedical Statistics</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 561C</td>
<td>Introduction to Hematology</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 562C</td>
<td>Theories of Blood Coagulation</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 651C</td>
<td>Pharmacology</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required North Shore University Hospital Based Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 800C</td>
<td>Surgery</td>
<td>6.00</td>
</tr>
<tr>
<td>BMS 810C</td>
<td>Perfusion Technology</td>
<td>6.00</td>
</tr>
<tr>
<td>BMS 820C</td>
<td>Clinical Practicum I</td>
<td>5.00</td>
</tr>
<tr>
<td>BMS 822C</td>
<td>Clinical Practicum II</td>
<td>5.00</td>
</tr>
<tr>
<td>BMS 824C</td>
<td>Clinical Practicum III</td>
<td>5.00</td>
</tr>
</tbody>
</table>

Required Cardiovascular Perfusion Capstone Course

Select one of the following research courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 704C</td>
<td>Clinical Research Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 706C</td>
<td>Research Project &amp; Comprehensive Exam</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 708C</td>
<td>Experimental Research Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 709C</td>
<td>Clinical Management Project</td>
<td>3.00</td>
</tr>
</tbody>
</table>

M.S. in Cardiovascular Perfusion G.P.A. Requirement

Major G.P.A. of 3.00 is Required
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. Only open to students enrolled in the Cardiovascular Perfusion program.

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. Only open to students enrolled in the Cardiovascular Perfusion program.

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 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: 1
Every Summer

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
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. Only open to students enrolled in the Cardiovascular Perfusion program.

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. Only open to students enrolled in the Cardiovascular Perfusion program.

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 addressed: cerebrospinal, synovial, pericardial, peritoneal, pleural, anmniotic fluids and seminal fluid in terms of normal and abnormal findings, methods of collection and assessment.

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. Only open to students enrolled in the Cardiovascular Perfusion program.
Open to Cardiovascular Perfusion students only.
Credits: 3
On Demand

BMS 591 Medical Microbiology
This 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 delineation of microbial species: bacteria, fungi, algae, viruses, rickettsiae, chlamydia, protozoa, helminths and other animal parasites implicated in disease are presented. The course covers methods used in diagnostic microbiology as well as medical, clinical, epidemiological and nosocomial aspects of microbial disease states. Additionally, computerization, instrumentation, miniaturization, and DNA recombinant studies applicable to microbiology are covered.
Credits: 3
Every Fall and Spring

BMS 594 Medical Parasitology
This course examines host parasite relationships relative to disease transmission, pathology, immunology, epidemiology, survey and control. Emphasis on laboratory preparations and diagnosis of parasitic diseases includes those aspects of life cycles that are useful for clinical diagnosis.
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 human 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 614C 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
Alternate Spring

BMS 651 Pharmacology
The purpose of this course is to understand the use of drugs and mechanisms of action states. The student develops and understanding of the pharmacodynamics and pharmcookinetics of drugs
used to treat disease. 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 purpose of this course is to understand the use of drugs and mechanisms of action states. The student develops and understanding of the pharmacodynamics and pharmacokinetics of drugs used to treat disease. 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 compatibility 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.

**Prerequisite 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 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 Immunoclinical Chemistry**
Lectures illustrate the quantitative and qualitative aspects of immunoclinical chemistry 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**
Isolation, identification and significance of microorganisms implicated in disease and as encountered in the clinical microbiology laboratory are covered in-depth. The significance of saprophytes found in the clinical specimen, unusual isolates and findings are discussed. Proficiency testing implemented as part of the practical microbiology, computerization, instrumentation, miniaturization and DNA recombinant studies applicable to microbiology are reviewed.

**Prerequisite of BMS 591 is required.**

**Credits: 3**
**Every Spring**

**BMS 696 Medical Mycology**
This course is a study of the classification, identification, life cycles morphology, physiology, biochemistry and immunology of fungi of medical and clinical significance. A discussion of the fungi as microbial entities and economic importance is included. The course employs the use of microbiological techniques in the elucidation of fungi implicated in disease as encountered in the clinical microbiology laboratory as well as the identification of other fungi. Proficiency testing is discussed and implemented as part of the practical aspects of the course.

**Prerequisite of BMS 591 is required.**

**Credits: 3**
**Alternate Spring**
BMS 698 Medical Virology
Isolation, identification and classification of the viruses in man and animals with application to disease states such as causes, diagnosis and prevention are examined. Prerequisite: Course in biochemistry or molecular biology.
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. Only open to students enrolled in the Cardiovascular Perfusion program.
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 is required.
Credits: 3
Every Semester

BMS 707 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 in 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 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. Prerequisite of BMS 703 is required.
Credits: 3
On Demand

BMS 709 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 coworkers, 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 rational 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 coronary shock, pericarditis, cardiac tamponade, endocarditis, corpulmonale and cardiac failure. The course also identifies cardiac surgical equipment and instruments used in surgical cardiac 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, cardiomyoma 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, myocardial 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: 6
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, myocadial 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

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, myocadial 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
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 (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 90 Internet-based (a minimum listening score of 22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.0 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NUR 501</td>
<td>Issues in Professional Nursing for Advanced Nurses and Nurse Educators</td>
<td>3.00</td>
</tr>
<tr>
<td>NUR 601</td>
<td>Theories and Conceptual Models of Nursing</td>
<td>3.00</td>
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</tbody>
</table>

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 (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.

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M.S. in Family Nurse Practitioner
Requirements
Core Courses
NUR 501 Issues in Professional 3.00 Nursing for Advanced Nurses and Nurse Educators

NUR 601 Theories and Conceptual Models of Nursing
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 (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 90 Internet-based (a minimum listening score of 22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.0 or above is also acceptable.

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M.S. in Nursing Education Requirements
Required Nursing Education Core Courses
NUR 501 Issues in Professional 3.00 Nursing for Advanced Nurses and Nurse Educators

NUR 601 Theories and Conceptual Models of Nursing
NUR 602 Nursing Research I 3.00
NUR 702 Nursing Research II 3.00
ADMISSION REQUIREMENTS

Applicants to the Advanced Certificate in Nursing Education must meet the following requirements for admission.
- Application for Admission.
- Application fee (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 complete 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.

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Advanced Certificate in Family Nurse Practitioner

Specialty Course Requirements

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<td>Pharmacology for Advanced Practice Nursing</td>
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<td>NUR 611</td>
<td>Diagnosis &amp; Management I</td>
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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.

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The program is accredited by the Commission on Collegiate Nursing Education.

Advanced Certificate in Family Nurse Practitioner

Specialty Course Requirements

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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 (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 complete 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

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Advanced Certification in Nursing
Education Requirements
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<td>NUR 646</td>
<td>Technology for Nursing Education</td>
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<tr>
<td>NUR 648</td>
<td>Teaching Strategies for Educators</td>
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<tr>
<td>NUR 650</td>
<td>Assessment Evaluation in Nursing</td>
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<td>NUR 652</td>
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Advanced Certificate in Nursing
Education G.P.A. Requirements
The Minimum Required G.P.A. is 3.00
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-requirement 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-requirement 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.
Credits: 3  
Every Fall

NUR 612 Diagnosis and Management II
This course focuses on the diagnosis and management of common acute and chronic health issues found in women (gynecologic / reproductive) and children in the primary care setting. Emphasis is placed on the reinforcement and synthesis of clinical knowledge from nursing and medical sciences as a foundation for critical thinking and clinical reasoning in the management of both the pediatric patient and women in the primary care setting.
Prerequisite of NUR 606 & 606L and Co-requirement of NUR 623 & NUR 623S are required.
Credits: 4  
Every Spring

NUR 615 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  
Every Fall

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 632 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 developed.
Co-requisite of NUR 610 & 632S is required.
Credits: 4.50
On Demand

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
On Demand

NUR 633S Clinical Nurse Specialist Seminar
The seminar will enable students to gain additional information, insights and approaches to problem solving.
Co-requisite of NUR 633S is required.
Credits: 4.50
On Demand

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 developed.
Co-requisite of NUR 633S is required.
Credits: 4.50
On Demand

NUR 638S Clinical Nurse Specialist Seminar
The seminar provides an opportunity to dialogue with faculty members and other students. The discussion is focused 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 633S is required.
Credits: 0
On Demand

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 is one half of a two semester practicum that provides the student with the opportunity to apply teaching and evaluation methods in a variety of practice settings including academic programs and various other learning environments. Traditional and nontraditional methods of teaching will be utilized by students as they meet the demands of various settings. Students will complete 180 hours of preceptored learning experiences.
Prerequisites of NUR 644, 646, 648, 650 and Co-requisite of NUR 652S are required.
Credits: 4
Every Spring

NUR 652S Teaching Practicum II 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 Fall

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 and Co-requisite of NUR 654S are 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.
Corequisite 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: Post-Nutrition@liu.edu
Chair: Dr. Jerrilynne Burrowes
Associate Professors: Gizis, Shorter
Assistant Professor: Isoldi
Instructor: Wright
Program Director, Didactic Program in Dietetics: Wright
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.

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 (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 that 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:
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Fax: 516-299-2137
E-mail: post-enroll@liu.edu

Core Nutrition Requirements (6 courses - 18 credits)

Nutrition Required Courses (3 courses - 9 credits)

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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. Geriatric Nutrition
3. 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

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<tr>
<td>NTR 604</td>
<td>Nutrition In The Life Cycle</td>
<td>3.00</td>
</tr>
</tbody>
</table>

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, or Nutrition in Geriatrics 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 (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 that 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: post-enroll@liu.edu

Core Nutrition Requirements (6 courses - 18 credits)

Nutrition Required Courses (3 courses - 9 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 540</td>
<td>Biomedical Statistics</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 609</td>
<td>Advanced Nutrition I</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 610</td>
<td>Advanced Nutrition II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

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. Geriatric Nutrition
3. 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 602</td>
<td>Nutrition Assessment</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 603</td>
<td>Diabetes Management</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 604</td>
<td>Nutrition In The Life Cycle</td>
<td>3.00</td>
</tr>
</tbody>
</table>
Courses

Requirements (9 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 607</td>
<td>Clinical Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 611</td>
<td>Concepts For Nutrition Practice</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 612</td>
<td>Enteral &amp; Parenteral Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 615</td>
<td>Dietetic Internship Clinical Seminar I</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 616</td>
<td>Dietetic Internship Clinical Seminar II</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 625</td>
<td>Renal Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 705</td>
<td>Selected Topics in Nutrition</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 705S</td>
<td>Selected Topics in Nutrition</td>
<td>1.00</td>
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</table>

Geriatric Nutrition Requirements (9 credits)

Geriatric Nutrition Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAD 710</td>
<td>Gerontology: Processes of Aging</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 605</td>
<td>Nutrition In Geriatrics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

One of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HAD 711</td>
<td>Long-Term Care Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 712</td>
<td>The Management of Senior Community Programs</td>
<td>3.00</td>
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</table>

Elective Nutrition and Biomedical Sciences Courses

Nutrition & Exercise Physiology Requirements (9 credits)

Nutrition & Exercise Physiology Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 617</td>
<td>Weight Control</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 618</td>
<td>Advanced Energy &amp; Exercise</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 619</td>
<td>Sports Nutrition and Exercise Physiology</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 622</td>
<td>Eating Disorders: Programs and Treatments</td>
<td>3.00</td>
</tr>
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</table>

Elective Requirements (9 credits)

Elective Nutrition and Biomedical Sciences Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 513</td>
<td>Biochemistry</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 520</td>
<td>Pathophysiology I</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 521</td>
<td>Pathophysiology II</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 503</td>
<td>Recent Trends In Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 541</td>
<td>Computer Applications in Health Sciences</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 602</td>
<td>Nutrition Assessment</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 603</td>
<td>Diabetes Management</td>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 604</td>
<td>Nutrition In The Life Cycle</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 605</td>
<td>Nutrition In Geriatrics</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 606</td>
<td>Communication and Education Skills in Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 607</td>
<td>Clinical Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 608</td>
<td>Field Experience in Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 611</td>
<td>Concepts For Nutrition Practice</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 612</td>
<td>Enteral &amp; Parenteral Nutrition</td>
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<td>Dietetic Internship Clinical Seminar II</td>
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</tr>
<tr>
<td>NTR 617</td>
<td>Weight Control</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 618</td>
<td>Advanced Energy &amp; Exercise</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 619</td>
<td>Sports Nutrition and Exercise Physiology</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 620</td>
<td>Eating Disorders I</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 621</td>
<td>Eating Disorders II</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 622</td>
<td>Eating Disorders: Programs and Treatments</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 625</td>
<td>Renal Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 626</td>
<td>Advanced Nutrition Counseling</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 700</td>
<td>Special Problems in Nutrition</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 705</td>
<td>Selected Topics in Nutrition</td>
<td>1.00</td>
</tr>
</tbody>
</table>

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 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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 611</td>
<td>Concepts for Nutrition Practice (Fall)</td>
<td>1.0</td>
</tr>
<tr>
<td>NTR 613</td>
<td>DI Clinical I (Fall) – Supervised Practice</td>
<td>3.0</td>
</tr>
<tr>
<td>NTR 614</td>
<td>DI Clinical II (Spring) – Supervised Practice</td>
<td>3.0</td>
</tr>
<tr>
<td>NTR 615</td>
<td>DI Clinical Seminar I (Fall)</td>
<td>1.0</td>
</tr>
<tr>
<td>NTR 616</td>
<td>DI Clinical Seminar II (Spring)</td>
<td>3.0</td>
</tr>
<tr>
<td>NTR 626</td>
<td>Advanced Counseling Skills (Fall)</td>
<td>3.0</td>
</tr>
</tbody>
</table>

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 intensive, 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:

<table>
<thead>
<tr>
<th>Emphasis: Medical Nutrition Therapy</th>
<th>Emphasis: Medical Nutrition Therapy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical/Hospital (12 weeks)</td>
<td>Clinical/Hospital (11 weeks)</td>
</tr>
<tr>
<td>Renal (2 weeks)</td>
<td>Renal (2 weeks)</td>
</tr>
<tr>
<td>Long Term Care (5 weeks)</td>
<td>Long Term Care (5 weeks)</td>
</tr>
<tr>
<td>Counseling &amp; Education (2 weeks)</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emphasis: Food Service Systems Management</th>
<th>Emphasis: Food Service Systems Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>School Food Service (3 weeks)</td>
<td>School Food Service* – (part of campus rotation)</td>
</tr>
<tr>
<td>Institutional Food Service (4 weeks)</td>
<td>Institutional Food Service (4 weeks)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Emphasis: Community Health and Wellness</th>
<th>Emphasis: Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Agency (6 weeks)</td>
<td>Research (2 weeks)</td>
</tr>
<tr>
<td>Campus Nutrition (12 weeks):</td>
<td></td>
</tr>
<tr>
<td>Counseling and Education (4 weeks);</td>
<td></td>
</tr>
<tr>
<td>Community (5 weeks);</td>
<td></td>
</tr>
<tr>
<td>School Food Service – *Campus Dining (3 weeks)</td>
<td></td>
</tr>
</tbody>
</table>

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 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, 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
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)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 611</td>
<td>Concepts For Nutrition Practice</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 613</td>
<td>Dietetic Internship Clinical Experience</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 614</td>
<td>Dietetic Internship Clinical Experience</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 615</td>
<td>Dietetic Internship Clinical Seminar I</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 616</td>
<td>Dietetic Internship Clinical Seminar II</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 626</td>
<td>Advanced Counseling Skills</td>
<td>3.00</td>
</tr>
</tbody>
</table>

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.

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 Spring

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
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

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 be integrated. 
Prerequisite of C or better in NTR 100 is required. 
Credits: 3

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. 
Prerequisite of NTR 620 is required. 
Credits: 3

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

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

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

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. 
Credits: 1 to 3
Cross-Listings: NTR 700, NTR 700

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

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

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

NTR 707 Preparation of Thesis Proposal
Open only to matriculated students with approval of the department chairperson, Graduate Committee and mentor. 
Credits: 3

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
DEPARTMENT OF SOCIAL WORK

Phone: 516-299-3924
Fax: 516-299-3912
Email: Post-SWK@liu.edu
Chair: Dr. Ilene Nathanson
Professors: Giffords, Nathanson
Associate Professors: Barretti, Weiss
Assistant Professors: Calderon
Director of Field Education: Brodlieb
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 promote interdisciplinary solutions to clients’ problems.

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, childhood psychopathology, and the relationship between child and family welfare systems and the criminal justice system.

**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.

Graduates of the 60-credit Master of Social Work Program with the concentration in Forensic Social Work, 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. Forensic Social Work 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 the student 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.
- Résumé
- 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).

### 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
- 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)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SWK 601</td>
<td>History and Philosophy of Social Work, Social Welfare Policies and Services (Policy I)</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 602</td>
<td>History &amp; Philosophy of Social Work &amp; Social Welfare Policies and Services (Policy II)</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 611</td>
<td>Social Work Practice I: Working with Individuals</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 612</td>
<td>Social Work Practice II: Working with Families</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 613</td>
<td>Social Work Practice with Organizations and Communities</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 621</td>
<td>Human Behavior in the Social Environment I: Birth Through Adolescence</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 622</td>
<td>Human Behavior in the Social Environment II: Young Adulthood Through Late Adult hood</td>
<td>3.00</td>
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<tr>
<td>SWK 701</td>
<td>Field Instruction I: Foundation</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 702</td>
<td>Field Instruction II: Foundation</td>
<td>3.00</td>
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<tr>
<td>SWK 798</td>
<td>Introduction to Social Work Research</td>
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### Social Work Advanced Course Requirements

**Required Social Work Advanced Courses (18 credits)**

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>SWK 623</td>
<td>Administrative Behavior</td>
<td>3.00</td>
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<tr>
<td>SWK 650</td>
<td>Psychopathology</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 703</td>
<td>Field Instruction III : Specialization</td>
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<tr>
<td>SWK 704</td>
<td>Field Instruction IV: Specialization</td>
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<tr>
<td>SWK 790</td>
<td>Capstone</td>
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<tr>
<td>SWK 799</td>
<td>Advanced Research Methods for Practice</td>
<td>3.00</td>
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</table>

### 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HAD 710</td>
<td>Gerontology: Processes of Aging</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 711</td>
<td>Long Term Care Administration</td>
<td>3.00</td>
</tr>
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Pick two of the following Health Care Administration Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HAD 602</td>
<td>Human Resource Administration in the Health Sector</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 603</td>
<td>Foundations of Budgeting and Finance in the Health Sector</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 709</td>
<td>Legal Aspects in Health</td>
<td>3.00</td>
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Gerontology - Senior Community Services Concentration Requirements

Required Senior Community Services Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HAD 710</td>
<td>Gerontology: Processes of Aging</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 726</td>
<td>Interdisciplinary Assessment</td>
<td>3.00</td>
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</table>

Pick two of the following Senior Community Services Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HAD 712</td>
<td>The Management of Senior Community Programs</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 729</td>
<td>Bereavement: Psychological, Cultural and Institutional Perspectives</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 728</td>
<td>Financial Estate and Retirement Planning</td>
<td>3.00</td>
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</table>

Gerontology Senior Community Services Concentration G.P.A.

Minimum 3.00 Major G.P.A. Required

Nonprofit Management Concentration Requirements

Required Nonprofit Management Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NPM 650</td>
<td>Introduction to Nonprofit Management</td>
<td>3.00</td>
</tr>
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</table>

Pick three of the following Nonprofit Management Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>NPM 651</td>
<td>Fundraising and Development for Nonprofit Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>NPM 652</td>
<td>Human Resource Management in Nonprofit Organizations</td>
<td>3.00</td>
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</tbody>
</table>

NPM 653 Financlal Management in Nonprofit Organizations

NPM 654 Legal, Ethical and Governance Issues in Nonprofit Organizations

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SWK 674</td>
<td>Theories &amp; Principles of Alcohol &amp; Substance Abuse Counseling</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 675</td>
<td>Introduction to the Techniques of Substance Abuse Counseling</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 677</td>
<td>Sociological &amp; Psychological Aspects of Substance Abuse</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 678</td>
<td>Physical &amp; Pharmacological Effects Subs Abuse</td>
<td>3.00</td>
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</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>SWK 660</td>
<td>Families &amp; Children: Policies &amp; Services</td>
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</tr>
<tr>
<td>SWK 661</td>
<td>Family Violence Across the Lifespan</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 662</td>
<td>Community Based Practice with Children &amp; Families</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 663</td>
<td>Childhood Psychopathology</td>
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</table>

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SWK 630</td>
<td>Forensic Social Work &amp; the Criminal and Juvenile Justice Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 631</td>
<td>Interviewing, Evaluating, and Offering Treatment as a Forensic Social Worker</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 632</td>
<td>Forensic Social Work with Drug and Alcohol Populations in the Criminal and Juvenile Justice Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 571</td>
<td>Introduction to Criminalistics</td>
<td>3.00</td>
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</table>

Forensic Social Work Concentration G.P.A.

Minimum 3.00 Overall G.P.A. Required

Advanced Certificate Forensic Social Work

Advanced Certificate in Forensic Social Work

Advanced Certificate Requirements

Required Forensic Social Work Courses (15 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SWK 630</td>
<td>Forensic Social Work &amp; the Criminal and Juvenile Justice Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 631</td>
<td>Interviewing, Evaluating, and Offering Treatment as a Forensic Social Worker</td>
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<td>SWK 632</td>
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<td>BMS 571</td>
<td>Introduction to Criminalistics</td>
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</tbody>
</table>

Forensic Social Work Concentration G.P.A.

Minimum 3.00 Overall G.P.A. Required

LIU Post Graduate Bulletin 2013 - 2014 Page 228
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)
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 corequisites of SWK 601 & 621 are required.
Credits: 3
Every Fall

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 corequisites 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 corequisites of SWK 601, 602, 611, 621, 622, 701, & 798 are required.
Credits: 3
Every Fall

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.
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 corequisites 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-require 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 subgroup 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” (e.g. 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's 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. If 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 inter-familial 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
SWK 663 Childhood Psychopathology
This course provides a biopsychosocial 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 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 675 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 biopsychosocial 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 676 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 677 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 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.
Credite 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.

Prerequisites of all SWK First Year courses, SWK 623, 703, and 799 are required.
Credite 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.
Credite 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, 621, 622, 701, 702, 798) are required.
Credite 3
Every Fall
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, or visit the website at www.liu.edu/post/svpa. Find us on Facebook at www.facebook.com/svpaliupost and on Twitter at www.twitter.com/svpaliupost.

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DEPARTMENT OF ART

Phone: 516-299-2464
Fax: 516-299-2858
Website: 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 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 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

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: dtuman@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 |

Required Major Concentration Courses - choose 3 courses (9 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 |
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, 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 pursing 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.

### M.A. in Clinical Art Therapy

#### Required Classes for Art M.A. - Photography

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<th>Course Code</th>
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<tr>
<td>ART 503</td>
<td>Creative Concepts</td>
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<td>ART 517</td>
<td>Design I</td>
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#### Required Photography Courses (15 credits)

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<td>Photo Workshop</td>
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<td>ART 603</td>
<td>Color Photography/Printing</td>
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<td>ART 604</td>
<td>Current Ideas In Photography</td>
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<td>ART 605</td>
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<tr>
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#### Required Art History Courses (6 credits)

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<tr>
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<tr>
<td>ART 680</td>
<td>Concepts and Issues in Photography</td>
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#### Required Thesis Courses (6 credits)

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<td>ART 707</td>
<td>Master's Studio Thesis (M.A., M.S.)</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 708</td>
<td>Master's Studio Thesis (M.A., M.S.)</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Directed Elective Course - see above (3 credits)

#### 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, N.Y. 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 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 materials 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:
LIU Post
Graduate Admissions Office
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
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
Phone: 516-299-2137
Email: enroll@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
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 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
Phone: 516-299-2465
Email: 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
Fax: 516-299-2137
E-mail: donna.tuman@liu.edu
(Please indicate degree applying for on portfolio)

For the Plan of Study for the M.S. in Art Education, please see the Department of Curriculum & Instruction in this bulletin.
**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 Fall**

**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**
Colloquia seminars are offered each semester. The topics of study are based on such factors as the area of specialization of the instructor, the timeline 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. Past topics include: art history methodologies, Latin American art, various epochs of European art, Asian art, and comparative cultural analysis on issues such as rulership, the representation of gender, portraiture, colonialism and conquest, sacred symbolism, and many other aspects of the visual arts.

**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 speciality 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 The History and Emergence of Street Art and Graffiti**
This course is an 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 trace the history of graffiti starting from its New York roots and examine its growth in popularity, both nationally and internationally, from the streets to the gallery and museum walls. The course pays particular attention to the artists and writers from New York City. Students will use their written and oral communication skills to demonstrate what they have learned in presentation formats. The course includes a guided New York City walking tour and guest lectures.

**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.
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 embrace 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 Fall

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 Semester

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.
Prerequisite of ART 611 is required.
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.
experiment in all sculptural media and concepts

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.
Credits: 3
Every Spring

Students work on independent projects in media and concepts stemming from the student's interests.

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 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 deckles, 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 Fall

ART 643 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 644 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 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 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 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
Every Semester

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 Fall

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 & Counseling
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 Art Therapy & Counseling
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 Fall

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 indepth exploration of the different philosophies which have emerged and which continue to evolve in contemporary practice.
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 615 Internship II: Supervision Seminar
Course combined with ARTH 614. Prerequisites of ARTH 600, 602, 605, 607, 609, and 616 are required.
Credits: 3
Every Fall

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 the diagnostic aspects of the clinical art therapy process. Prerequisites of ARTH 600, 602 and 605 are required.
Credits: 3
Every Fall

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 Semester

ARTH 708 Thesis
Completion of thesis including presentation of the case materials, visual productions, and analysis including a discussion and conclusion.
Prerequisite of ARTH 707 is required.
Credits: 3
Every Semester

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 706 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 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, multitrack 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 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 and Summer

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 class presents a historical and critical context 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, multitrack 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. Prerequisite of STSP 601 is required. Credits: 9 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. 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**
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 design and other interactive media. 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 an equivalent
  - (b) Visual Design for Games:
    - B.A. or B.F.A. in Digital Art and Design, Interactive Multimedia or an 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/mlds 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.

- Application fee: $40 (non-refundable)

- Personal interview with the Program Director

- Official copies of your undergraduate and/or graduate transcripts from any college(s) or universities you have attended.

M.A. in Digital Game Design and Development

Required Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DGD 501</td>
<td>Introduction to Game Design</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 504</td>
<td>Game Development 1</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 505</td>
<td>Game Development 2</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 511</td>
<td>The History of Games</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 625</td>
<td>The Game Industry</td>
<td>3.00</td>
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Elective Digital Game Design Courses

Student must take four courses (12 credits) from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>DGD 513</td>
<td>Social Game Design</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 525</td>
<td>Audio Design for Games</td>
<td>3.00</td>
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<tr>
<td>DGD 510</td>
<td>Narrative Game Design</td>
<td>3.00</td>
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<tr>
<td>DGD 512</td>
<td>Educational Game Design</td>
<td>3.00</td>
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<tr>
<td>DGD 520</td>
<td>2D Programming</td>
<td>3.00</td>
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<tr>
<td>DGD 522</td>
<td>Advanced Game Programming</td>
<td>3.00</td>
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<tr>
<td>DGD 524</td>
<td>Systems Engineering for Game Development</td>
<td>3.00</td>
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<tr>
<td>DGD 526</td>
<td>Project Management for Game Development</td>
<td>3.00</td>
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<tr>
<td>DGD 503</td>
<td>Visual Design 1</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 506</td>
<td>Visual Design 2</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 621</td>
<td>Dimensional Imaging &amp; Animation I</td>
<td>3.00</td>
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<tr>
<td>DGD 622</td>
<td>Dimensional Imaging &amp; Animation II</td>
<td>3.00</td>
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Required Digital Game Design Thesis Courses

<table>
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<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>DGD 707</td>
<td>Thesis Prototyping</td>
<td>3.00</td>
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<tr>
<td>DGD 708</td>
<td>Thesis Seminar</td>
<td>3.00</td>
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<tr>
<td>DGD 709</td>
<td>Thesis Lab</td>
<td>3.00</td>
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Digital Game Design and Development Courses

<table>
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<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>DGD 500</td>
<td>Computing Scripting Fundamentals for Games (CS 500)</td>
<td>3.00</td>
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</table>

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

On Demand
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 Virtual 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 playtesting 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 Mac 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 and 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
On Occasion

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 covers 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
M.A. in Music

Our M.A. 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 program must meet the following requirements for admission:

- Submit an Application for Admission
- Submit an Application fee: $40 (non-refundable)
- Submit official copies of undergraduate and/or graduate transcripts from any college(s) or universities attended
- Have an undergraduate major in music or must have a minimum of 36 credits in music classes
- Hold a 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.
- 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
- Submit a Personal Statement that addresses the reason you are interested in pursuing graduate work in this area of study
- Dependent on past academic records and performance, appear before a faculty member or panel, either individually or as a participant in a group situation, for assessment of interpersonal and musicianship skills. If an applicant is asked to appear and his or her location makes it difficult to meet a faculty member or panel during the application process, he or she may be conditionally accepted on a limited matriculated basis, with full matriculation dependent on the results of the required personal interview and assessment of interpersonal and musicianship skills to be done at a later date.
- Submit a current résumé
- If an applicant for whom English is a second language, 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

Graduate applicants can send their admissions materials to:

LIU Post Graduate Admissions Processing Center
P.O. Box 805
Randolph, MA 02368-0805

International applicants should send their admissions materials to:

LIU Post
720 Northern Blvd.
Brookville, NY 11548-1300 USA

Additional application materials to submit:

- Theory and Composition applicants: A portfolio of original compositions or arrangements (consisting of the printed scores and audio files); or a research paper or formal essay on a musical topic.
- History and Literature applicants: A research paper or formal essay on a musical topic.

Send these additional materials to:

Dr. Paul Kim
Graduate Advisor
Department of Music
LIU Post
720 Northern Boulevard
Brookville, N.Y. 11548-1300
Or by e-mail:
Paul.Kim@liu.edu

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.

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.

A thesis is required to complete this degree program.

CONCENTRATION IN PERFORMANCE

The 36-credit Master of Arts in Music with a concentration in Performance is geared toward candidates with a 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.

A thesis with performance component is required to complete this degree program.

Auditions for Admission

An audition is required for applicants interested in pursuing the M.A. in Music with a Concentration in Performance.

Audition Days will be posted on the University's website and on routinely updated print media. Alternate dates by appointment.

Auditions will be held in the LIU Post Fine Arts Center. You can register to audition by completing the online Audition Registration Form on the website at www.liu.edu/post/music. To register by
### M.A. in Music Major Requirements

#### Music History & Literature Sub-Plan

**Required Music Course**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 608</td>
<td>Seminar in Musicology</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Music History & Literature Courses**

Three of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 540</td>
<td>Criteria for Musical Performance</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 600</td>
<td>Opera History</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 601</td>
<td>Seminar in the History of Music I</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 602</td>
<td>Seminar in the History of Music II</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 603</td>
<td>Seminar in the History of Music III</td>
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</tr>
<tr>
<td>MUS 604</td>
<td>Seminar in the History of Music IV</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 605</td>
<td>The Role of the Symphony in the History of Music</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Music Theory & Composition Courses**

Two of the following:

<table>
<thead>
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<tbody>
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**Elective Music Courses**

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<td>MUS 520</td>
<td>Jazz Composition and Arranging</td>
<td>3.00</td>
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<tr>
<td>MUS 611</td>
<td>Polyphonic and Harmonic Analysis</td>
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</tr>
<tr>
<td>MUS 613</td>
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<td>3.00</td>
</tr>
<tr>
<td>MUS 616</td>
<td>Analysis of 20th Century Music</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 619</td>
<td>Seminar in Composition</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 645</td>
<td>Orchestration</td>
<td>3.00</td>
</tr>
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</table>

**Required Music Thesis Courses**

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<th>Code</th>
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<tbody>
<tr>
<td>MUS 707</td>
<td>Research Methods</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 708</td>
<td>Thesis Seminar</td>
<td>3.00</td>
</tr>
</tbody>
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#### Performance Sub-Plan Requirements

**The minimum Overall G.P.A. 3.00**

**Music Theory & Composition Sub-Plan Requirements**

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**Elective Music History & Literature Course**

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### Elective Music Courses

Students are required to complete 12 credits in Music in the 500, 600, or 700 series

#### 3.00 Cumulative G.P.A. Required.

**Performance Sub-Plan Requirements**

**Required Music Course**

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**Elective Performance Courses**

12 credits from the following:

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<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>MUS 538A-Q</td>
<td>Any Ensemble Course</td>
<td>1.00</td>
</tr>
<tr>
<td>MUS 539</td>
<td>Instrumental Performance Workshop</td>
<td>1.00</td>
</tr>
<tr>
<td>MUS 549</td>
<td>Vocal Performance Workshop</td>
<td>1.00</td>
</tr>
<tr>
<td>MUS 659</td>
<td>Institutes &amp; Workshops in Music: Chamber Music Festival</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 710A</td>
<td>Chamber Music Ensembles</td>
<td>1.00</td>
</tr>
<tr>
<td>MUS 545A-B</td>
<td>Any Studio Lesson Course</td>
<td>2.00</td>
</tr>
<tr>
<td>MUS 557A-D</td>
<td>Any Studio Lesson Course</td>
<td>2.00</td>
</tr>
<tr>
<td>MUS 750-788A-D</td>
<td>Any Studio Lesson Course</td>
<td>2.00</td>
</tr>
<tr>
<td>MUS 630</td>
<td>Any Conducting Course</td>
<td>1.00</td>
</tr>
<tr>
<td>MUS 679A-B</td>
<td>Any Conducting Course</td>
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#### Elective Music History & Literature Courses

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<td>3.00</td>
</tr>
<tr>
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<td>Seminar in the History of Music III</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 604</td>
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<td>3.00</td>
</tr>
<tr>
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**Elective Music Theory & Composition Courses**

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<tbody>
<tr>
<td>MUS 518</td>
<td>The Study of Musical Form</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 520</td>
<td>Jazz Composition and Arranging</td>
<td>3.00</td>
</tr>
</tbody>
</table>
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.

Requirements for these programs are listed under the Department of Curriculum & Instruction in the College of Education, Information and Technology section of this bulletin.

Send application materials to:
Graduate Admissions Office
LIU Post
720 Northern Boulevard
Brookville, N.Y. 11548-1300

For the Plan of Study for the M.S. in Music Education, please see the Department of Curriculum & Instruction in this bulletin.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Session</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 518</td>
<td>The Study of Musical Form</td>
<td>3</td>
<td>Alternate</td>
<td>This course is a study of the formal procedures used by composers from the 17th century to the present. On Occasion</td>
</tr>
<tr>
<td>MUS 520</td>
<td>Jazz Composition and Arranging</td>
<td>3</td>
<td>Every Fall</td>
<td>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 reharmonization techniques. Four- and five-part writing is explored in a project for octet. More advanced students write a big band arrangement. On Occasion</td>
</tr>
<tr>
<td>MUS 538A</td>
<td>Chorus</td>
<td>3</td>
<td>Every Spring</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538B</td>
<td>Chamber Singers</td>
<td>3</td>
<td>Every Fall</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538C</td>
<td>Madrigal Singers</td>
<td>3</td>
<td>Every Fall</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538D</td>
<td>Vocal Jazz Ensemble</td>
<td>3</td>
<td>Every Fall</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538E</td>
<td>Wind Symphony</td>
<td>3</td>
<td>Every Fall</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538F</td>
<td>Orchestra</td>
<td>3</td>
<td>Every Fall</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538G</td>
<td>Jazz Ensemble</td>
<td>3</td>
<td>Every Fall</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538H</td>
<td>Merriweather Consort</td>
<td>3</td>
<td>Every Fall</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538I</td>
<td>Percussion Ensemble</td>
<td>3</td>
<td>Every Fall</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538J</td>
<td>Guitar Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538K</td>
<td>Brass Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538L</td>
<td>Flute Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538M</td>
<td>String Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538N</td>
<td>Wind Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538O</td>
<td>Jazz Combo</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538P</td>
<td>Vocal Jazz Combo</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition may be required.</td>
</tr>
<tr>
<td>MUS 538Q</td>
<td>Opera Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition may be required.</td>
</tr>
<tr>
<td>MUS 539</td>
<td>Instrumental Performance Workshop</td>
<td>3</td>
<td>On Occasion</td>
<td>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. On Occasion</td>
</tr>
<tr>
<td>MUS 540</td>
<td>Criteria for Musical Performance</td>
<td>3</td>
<td>On Occasion</td>
<td>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. On Occasion</td>
</tr>
<tr>
<td>MUS 545</td>
<td>Alexander Technique</td>
<td>3</td>
<td>On Occasion</td>
<td>This course is an introduction to an internationally acclaimed discipline combining mental and physical exercises, postural education and movement to enhance learning for performing artists. On Occasion</td>
</tr>
<tr>
<td>MUS 548</td>
<td>Vocal Pedagogy</td>
<td>3</td>
<td>On Occasion</td>
<td>This course offers an overview of the anatomy, physiology and learning processes associated with healthy singing. On Occasion</td>
</tr>
<tr>
<td>MUS 549</td>
<td>Vocal Performance Workshop</td>
<td>3</td>
<td>On Occasion</td>
<td>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. On Occasion</td>
</tr>
<tr>
<td>MUS 550</td>
<td>Vocal Diction</td>
<td>3</td>
<td>On Occasion</td>
<td>This course centers on the International Phonetic Alphabet for learning pronunciation of English, Italian, German and French. On Occasion</td>
</tr>
<tr>
<td>MUS 557A</td>
<td>Studio Lessons: Vocal Coaching</td>
<td>3</td>
<td>On Occasion</td>
<td>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. On Occasion</td>
</tr>
<tr>
<td>MUS 557B</td>
<td>Studio Lessons: Vocal Coaching</td>
<td>3</td>
<td>On Occasion</td>
<td>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. On Occasion</td>
</tr>
<tr>
<td>MUS 557C</td>
<td>Studio Lessons: Instrumental Coaching</td>
<td>3</td>
<td>On Occasion</td>
<td>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. On Occasion</td>
</tr>
<tr>
<td>MUS 538P</td>
<td>Vocal Jazz Combo</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538Q</td>
<td>Opera Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition may be required.</td>
</tr>
<tr>
<td>MUS 538R</td>
<td>Wind Symphony</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538S</td>
<td>Orchestra</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538T</td>
<td>Jazz Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538U</td>
<td>Merriweather Consort</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538V</td>
<td>Percussion Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition required.</td>
</tr>
<tr>
<td>MUS 538W</td>
<td>Guitar Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition may be required.</td>
</tr>
<tr>
<td>MUS 538X</td>
<td>Brass Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition may be required.</td>
</tr>
<tr>
<td>MUS 538Y</td>
<td>Flute Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition may be required.</td>
</tr>
<tr>
<td>MUS 538Z</td>
<td>String Ensemble</td>
<td>3</td>
<td>On Occasion</td>
<td>Audition may be required.</td>
</tr>
<tr>
<td>MUS 539A</td>
<td>Instrumental Performance Workshop</td>
<td>3</td>
<td>On Occasion</td>
<td>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. On Occasion</td>
</tr>
<tr>
<td>MUS 540A</td>
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<td>MUS 557B</td>
<td>Studio Lessons: Vocal Coaching</td>
<td>3</td>
<td>On Occasion</td>
<td>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. On Occasion</td>
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<tr>
<td>MUS 557C</td>
<td>Studio Lessons: Instrumental Coaching</td>
<td>3</td>
<td>On Occasion</td>
<td>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. On Occasion</td>
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<td>Description</td>
<td>Credits</td>
<td>Session</td>
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<tr>
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</tr>
<tr>
<td>MUS 600</td>
<td>Opera History</td>
<td>The course is the study of operatic masterpieces from the 17th to the 20th centuries.</td>
<td>3</td>
<td>Every Fall, Spring and Summer</td>
</tr>
<tr>
<td>MUS 601</td>
<td>Seminar in the History of Music I</td>
<td>This course explores the history of music from antiquity through the Medieval/Renaissance.</td>
<td>3</td>
<td>Alternate Spring</td>
</tr>
<tr>
<td>MUS 602</td>
<td>Seminar in the History of Music II</td>
<td>This course explores the history of music from the Baroque and Classical eras.</td>
<td>3</td>
<td>Alternate Fall</td>
</tr>
<tr>
<td>MUS 603</td>
<td>Seminar in the History of Music III</td>
<td>This course explores the history of music for the 19th century.</td>
<td>3</td>
<td>Alternate Spring</td>
</tr>
<tr>
<td>MUS 604</td>
<td>Seminar in the History of Music IV</td>
<td>This course explores the history of music for the 20th century.</td>
<td>3</td>
<td>Alternate Fall</td>
</tr>
<tr>
<td>MUS 605</td>
<td>The Role of the Symphony in the History of Music</td>
<td>This course examines the history of the symphony from its origin in the 17th century to the present.</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>MUS 608</td>
<td>Seminar in Musicology</td>
<td>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.</td>
<td>3</td>
<td>Every Fall</td>
</tr>
<tr>
<td>MUS 611</td>
<td>Polyphonic and Harmonic Analysis</td>
<td>This course covers the analysis of music as it pertains to horizontal, vertical, structural and rhythmic elements. Music from various historical periods is studied.</td>
<td>3</td>
<td>Alternate Fall</td>
</tr>
<tr>
<td>MUS 612</td>
<td>Analysis of 20th Century Music</td>
<td>This course is a study of structural, proportional and organizational techniques in the 20th century from Debussy to the present.</td>
<td>3</td>
<td>Alternate Fall</td>
</tr>
<tr>
<td>MUS 615</td>
<td>Seminar in Composition</td>
<td>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. Preprerequisite of 645 or permission of the instructor is required.</td>
<td>3</td>
<td>Every Spring</td>
</tr>
<tr>
<td>MUS 621</td>
<td>Choral Conducting and Interpretation</td>
<td>This course is the study of choral conducting and rehearsal techniques.</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>MUS 625</td>
<td>Seminar in Music Literature</td>
<td>This course is a comprehensive study of materials, trends, and instructional procedures that pertain to school choral organizations.</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>MUS 630</td>
<td>Conducting I</td>
<td>The course covers the elements of conducting.</td>
<td>2</td>
<td>Every Fall</td>
</tr>
<tr>
<td>MUS 631</td>
<td>Conducting II</td>
<td>Advanced problems and techniques of instrumental and choral conducting are explored.</td>
<td>2</td>
<td>Every Spring</td>
</tr>
<tr>
<td>MUS 632</td>
<td>Graduate Music Teaching &amp; Learning Seminar</td>
<td>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.</td>
<td>1</td>
<td>Every Spring</td>
</tr>
<tr>
<td>MUS 633</td>
<td>Musicianship for Music Teachers</td>
<td>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.</td>
<td>1</td>
<td>Every Fall</td>
</tr>
<tr>
<td>MUS 634</td>
<td>Enhancing Literacy Through Teaching Music in Special Education</td>
<td>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.</td>
<td>2</td>
<td>Every Fall and Spring</td>
</tr>
<tr>
<td>MUS 635</td>
<td>Brass Methods</td>
<td>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.</td>
<td>3</td>
<td>Every Fall and Spring</td>
</tr>
<tr>
<td>MUS 636</td>
<td>Percussion Methods</td>
<td>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.</td>
<td>1</td>
<td>Every Spring</td>
</tr>
<tr>
<td>MUS 637</td>
<td>Woodwind Methods</td>
<td>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.</td>
<td>1</td>
<td>Every Fall</td>
</tr>
<tr>
<td>MUS 638</td>
<td>Instrumental Music Methods</td>
<td>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</td>
<td>1</td>
<td>Every Fall</td>
</tr>
</tbody>
</table>
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: 2
Every Spring

MUS 659 Institutes & Workshops in Music
Special courses offered on a one time only basis.
Credits: 1 to 3
On Occasion

MUS 661 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
Alternate Spring

MUS 662 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
On Occasion

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.
Credits: 2
On Occasion

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 programs.
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 670 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 671A 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 672A 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 673 Technology and Music Education
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 Fall, Spring and Summer

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.

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. 1-credit lessons are 25 minutes, once a week.

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.

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.

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. 2-credit lessons are 50 minutes, once a week.

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.

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.

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.

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.

MUS 754A Studio Lessons: Guitar
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.

MUS 754B Studio Lessons: Guitar
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.

MUS 754C Studio Lessons: Jazz Guitar
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.

MUS 754D Studio Lessons: Jazz Guitar
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.

MUS 755A Studio Lessons: Flute
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.

MUS 755B Studio Lessons: Flute
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.

MUS 755C Studio Lessons: Jazz Flute
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.

MUS 755D Studio Lessons: Jazz Flute
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.
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Schedule</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MUS 761A Studio Lessons: Oboe</strong></td>
<td>1</td>
<td>Every Fall, Spring and Summer</td>
<td>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.</td>
</tr>
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<td><strong>MUS 762A Studio Lessons: Clarinet</strong></td>
<td>2</td>
<td>Every Fall, Spring and Summer</td>
<td>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.</td>
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<tr>
<td><strong>MUS 763A Studio Lessons: Bassoon</strong></td>
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<td>Every Fall, Spring and Summer</td>
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<tr>
<td><strong>MUS 764A Studio Lessons: Saxophone</strong></td>
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<tr>
<td><strong>MUS 765A Studio Lessons: Recorder</strong></td>
<td>2</td>
<td>Every Fall, Spring and Summer</td>
<td>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.</td>
</tr>
<tr>
<td><strong>MUS 766A Studio Lessons: Trumpet</strong></td>
<td>1</td>
<td>Every Fall, Spring and Summer</td>
<td>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.</td>
</tr>
</tbody>
</table>
Weekend of each semester. 1-credit lessons are 25 minutes, once a week.

**Credits: 2**
Every Fall, Spring and Summer

**MUS 770C Studio Lessons: Jazz Trumpet**
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

**Every Fall, Spring and Summer**

**MUS 771A Studio Lessons: Horn**
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 771B Studio Lessons: Horn**
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 772A Studio Lessons: Trombone**
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 772B Studio Lessons: Trombone**
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

**Every Fall, Spring and Summer**

**MUS 772C Studio Lessons: Jazz Trombone**
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 772D Studio Lessons: Jazz Trombone**
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 773A Studio Lessons: Tuba**
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 773B Studio Lessons: Euphonium**
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 774A Studio Lessons: Tuba**
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 774B Studio Lessons: Tuba**
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 780A Studio Lessons: Percussion**
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 780B Studio Lessons: Percussion**
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 780C Studio Lessons: Jazz Percussion**
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 780D Studio Lessons: Jazz Percussion**
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 783A Studio Lessons: Piano
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 783B Studio Lessons: Piano
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 783C Studio Lessons: Jazz Piano
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 783D Studio Lessons: Jazz Piano
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 784A Studio Lessons: Organ
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 784B Studio Lessons: Organ
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 785A Studio Lessons: Synthesizer
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 785B Studio Lessons: Synthesizer
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 788A Studio Lessons: Voice
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 788B Studio Lessons: Voice
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
DEPARTMENT OF THEATRE, FILM, DANCE AND ARTS MANAGEMENT

Phone: 516-299-2353
Fax: 516-299-3824
Website: www.liu.edu/post/theatre
Chair: Cara Gargano, Ph.D.
Professors: Fraser, Gild, Gargano, Porter, Zeig
Associate Professors: DesRochers, Halliburton-Beatty, Kosbel, Robinson, Sohn, Wildman
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, students will be able to specialize within an area of interest through small seminars, tutorials and hands-on experience. In the experiential second year of the program, the graduate company creates a group thesis project produced at an off-Broadway theatre.

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

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
- Theory and history focus: Writing sample & interview

M.A. in Theatre Requirements

Required Theatre Arts Courses (18 credits)

| THE 590 | Performance Theory I | 3.00 |
| THE 503 | Performance Theory II | 3.00 |
| THE 521 | Graduate Acting I | 6.00 |
| THE 522 | Graduate Acting II | 6.00 |

Three Required Theatre Department Contract Courses

| THE 500A | Department Contract | 0.00 |
| THE 500B | Department Contract | 0.00 |

Any 4 courses in Graduate Theatre (12 credits)

One of the following options (6 credits):

| THE 707P | Thesis - (Production) | 3.00 |
| THE 708P | Thesis (Production) | 3.00 |

OR:

| 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
Visits to theatrical productions in New York City and/or abroad. Discussion and analysis of the theatrical experience. Special ticket charge
Credits: 3
Every Winter Intersession

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 Fall

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 Spring

THE 500C Department Contract III
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 Fall

THE 503 Performance Theory II
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 Fall

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
Alternate 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 Spring

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. Must be taken when performing for the PTC.

**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.

**Credits: 3**

**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 151 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**

**Every Fall**

**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 566 Make-Up and Mask**

Practical instruction in makeup techniques in theatre, film, dance, and television. The function of makeup is initially explored through mask work. Design for the Theatre, Film and Dance process, production styles, sketch development and makeup techniques are then studied through demonstration and individual application.

**Prerequisite of THE 504 & 505 is required.**

**Credits: 3**

**Alternate Fall**

**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 I**

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

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 or call us at 516-299-2236.
BLENDED AND ONLINE LEARNING PROGRAMS AT LIU

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 both face-to-face and online components, reducing the amount of time students need to be physically present on campus, while still reaping the benefits of meeting in person with professors, fellow students, and other professionals.

The University currently offers the following degree and certificate programs in the blended or online learning format:

LIU Brooklyn
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 Resource 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. Adolescence Education (Pedagogy Only)
M.S. Corporate Learning and Development
M.S. Educational Technology
M.S. Environmental Sustainability
M.S. Library & Information Science/School Library Media
M.S. and Advanced Certificate, Nursing Education
M.S. Taxation
M.A. TESOL
B.S. Degree Completion Program for Adults

LIU Hudson
Advanced Certificate, Bilingual Extension*
Advanced Certificate, Bilingual Special Education*
Advanced Certificate, Cyber Security for Business Professionals*
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.
## 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

<table>
<thead>
<tr>
<th>Major</th>
<th>Hegis Code</th>
<th>Degree</th>
</tr>
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<tbody>
<tr>
<td>Adolescence Education (7-12)</td>
<td>0803</td>
<td>MS</td>
</tr>
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<td>Adolescence Education: English / English</td>
<td>1501.01/1501</td>
<td>BS/MA</td>
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<tr>
<td>History / Adolescence Education</td>
<td>0803/2205</td>
<td>BA/MS</td>
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<tr>
<td>Adolescence Education: Mathematics / Applied Mathematics</td>
<td>1701.01/1703</td>
<td>BS/MS</td>
</tr>
<tr>
<td>Adolescence Education: Spanish / Spanish</td>
<td>1105.01/1105</td>
<td>BS/MA</td>
</tr>
<tr>
<td>Adolescence Education (7-12): (Eng., Spanish, 5-6 Ext, Bio., Earth Sc., Math, or Social Studies)</td>
<td>0803</td>
<td>MS</td>
</tr>
<tr>
<td>Adolescence Education: Biology</td>
<td>0401.01</td>
<td>BS</td>
</tr>
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<td>Adolescence Education: Chemistry</td>
<td>1905.01</td>
<td>BS</td>
</tr>
<tr>
<td>Adolescence Education: Earth Science</td>
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<td>BS</td>
</tr>
<tr>
<td>Adolescence Education: English</td>
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### College of Liberal Arts and Sciences

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## College of Management

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## Health Information Management

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## School of Visual and Performing Arts

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<tr>
<td>Michael J. Abatemarco</td>
<td>Professor of Accounting</td>
<td>B.S., J.D., Buffalo, SUNY; LL.M., NYU School of Law C.P.A.</td>
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<tr>
<td>Nassima Abdelli-Beruh</td>
<td>Associate Professor of Communication Sciences &amp; Disorders</td>
<td>D.E.U.G., University of Paris X – France; M.A., University of Paris X – France; Ph.D., The Graduate Center, CUNY</td>
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<tr>
<td>Shahla Marvizi Ahdout</td>
<td>Co-Director, Graduate Program, Mathematics Department; Associate Professor of Mathematics</td>
<td>B.S., Arya-Mehr University of Technology; Ph.D., Massachusetts Institute of Technology</td>
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<td>Katie Fargo Ahern</td>
<td>Assistant Professor of English</td>
<td>B.A., Carnegie Mellon University; M.F.A., George Mason University; Ph.D., North Carolina State University</td>
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<td>Itfikhar Ahmad</td>
<td>Associate Professor of Curriculum &amp; Instruction</td>
<td>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</td>
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<tr>
<td>Patrick J. Aievoli</td>
<td>Director, Interactive Multimedia Arts; Associate Professor of Art</td>
<td>B.S., Buffalo, SUNY; M.A., Empire State College, SUNY</td>
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<tr>
<td>John Amato, Jr.</td>
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<td>B.A., Hofstra University; M.S., Ithaca College; Ed.M., Ed.D. Columbia University</td>
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<tr>
<td>Jeanie Attie</td>
<td>Department Chair; Associate Professor of History</td>
<td>B.A., University of Pittsburgh; M.A., M.A., M.Phil., Ph.D., Columbia University</td>
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<tr>
<td>Selenay Aytac</td>
<td>Technical Services; Associate Professor, Library</td>
<td>B.L.D.S., Istanbul University; M.B.A., Isik University; Ph.D., LIU Post</td>
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<td>Beatrice Baaden</td>
<td>School Library Program Director</td>
<td>B.A., St. John's University; M.A., Adelphi University; M.S., LIU Post; C.A.S.; P.D., Ed.D., Hofstra University</td>
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<td>G. Glenn Baigent</td>
<td>Department Chair; Associate Professor of Finance</td>
<td>B. Eng., Technical University of Nova Scotia (Canada); M.B.A., St. Mary's University; Ph.D., Kent State University</td>
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<td>Tong Bao</td>
<td>Assistant Professor of Marketing and International Business</td>
<td>B.E., Shanghai Jiaotong University (China); M.S., Simon Fraser University (Canada); Ph.D., Johnson Graduate School of Management, Cornell University</td>
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<tr>
<td>Charles A. Barragato</td>
<td>Director, School of Professional Accountancy; Professor of Accounting</td>
<td>B.S., M.S., LIU Post; Ph.D., Baruch College, CUNY; C.P.A., C.F.E.</td>
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<tr>
<td>Marietta Barretti</td>
<td>Associate Professor of Social Work</td>
<td>A.A., Queensboro Community College; B.S.S.W., M.S.W., Adelphi University; D.S.W., Hunter College, CUNY</td>
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<tr>
<td>Meryl Barrow</td>
<td>Associate Professor of Communication Sciences &amp; Disorders</td>
<td>B.S., Albany, SUNY; M.S., D.A., Adelphi University;</td>
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<tr>
<td>Robert L. Buttenfeld</td>
<td>Head, Periodicals Department; Professor, Library</td>
<td>B.A., New Paltz, SUNY; M.L.S., Queens College, CUNY; M.S., LIU Post</td>
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<td>James P. Bednarz</td>
<td>Professor of English</td>
<td>B.A., M.A., M.Phil., Ph.D., Columbia University</td>
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<td>Maura Belliveau</td>
<td>Associate Professor of Management</td>
<td>A.B., Mount Holyoke College; M.S. , Ph.D., University of California, Berkeley</td>
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<td>Geoffrey C. Berresford</td>
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<td>B.A., Lawrence University; M.S., Ph.D., New York University</td>
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<td>Elena Bertozzi</td>
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<td>B.A., Williams College; M.L.S., M.S., Indiana University; Ph.D., European Graduate School</td>
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<td>April Blakeslee</td>
<td>Assistant Professor of Biology</td>
<td>B.A., M.A., Boston University; Ph.D., University of New Hampshire</td>
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<tr>
<td>Talib Kibwe (T.K.) Blue</td>
<td>Director of Jazz Studies; Assistant Professor of Music</td>
<td>A.B., Barnard College, Columbia University; M.A., M.Phil., Ph.D., Columbia University</td>
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<tr>
<td>Margaret F. Boorstein</td>
<td>Chair and Director, Graduate Program, Earth and Environmental Science Department; Professor of Geography</td>
<td>A.B., Barnard College, Columbia University; M.A., M.Phil., Ph.D., Columbia University</td>
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<td>Terry Bordan</td>
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<td>B.A., Queens College, CUNY; M.S., LIU Post Ed.D., University of Sarasota</td>
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<td>Arvind Borde</td>
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<td>B.S., Bombay University; M.A., Ph.D., Stony Brook, SUNY</td>
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<td>Dengting Boyanton</td>
<td>Assistant Professor of Curriculum &amp; Instruction</td>
<td>B.A., Central China Normal University; M.Ed., Ph.D., University of Virginia</td>
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<tr>
<td>Mary Kathleen Boyd-Byrnes</td>
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