Notice to Students: The information in this publication is accurate as of September 1, 2022. However, circumstances may require that a given course be withdrawn or alternate offerings be made.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 regulations.

The University reserves the right to effect changes in the curriculum, administration, tuition and fees, academic schedule, program offerings, modes and methods of instruction, 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, epidemic, government action, 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 Office of University Admissions. Registered students should speak with their Success Coach.
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- Economics
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- English
- Entrepreneurship
- Fashion Merchandising
- Film
- Finance
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- Forensic Science
- Health Care Administration
- Health Sciences
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**APPROVED PROGRAMS**

**LIU TRUSTEES AND LEADERSHIP TEAM**

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ABOUT LONG ISLAND UNIVERSITY

Mission Statement

Long Island University’s mission is to provide excellence and access in private higher education to those who seek to expand their knowledge and prepare themselves for meaningful, educated lives and for service to their communities and the world.

Vision

To become a nationally recognized, globally engaged, teaching and research university.

Motto

Long Island University’s motto is Urbi et Orbi – “To the City and to the World.”

Founding Date

Long Island University was founded in 1926.

Carnegie Classification

Doctoral Universities-High Research Activity (R2)

Alumni

LIU has an active network of more than 285,000 alumni, including leaders and innovators in industries across the globe.

Athletics

Colors: Blue and Gold
Mascot: Shark
Teams: 38
National Affiliation: NCAA Division I
Conference: Northeast Conference (NEC)

Accreditation

Long Island University is accredited by the Middle States Commission on Higher Education, 1007 North Orange Street, 4th Floor, Wilmington, DE 19801 (www.msche.org). The MSCHE is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation (CHEA).

In addition to the institutional accreditation provided by Middle States, many of LIU’s academic programs are accredited by specialized accreditation agencies. Additional information can be found at https://liu.edu/about/accreditations.

University Policies

Long Island University maintains a Policy Site to provide a comprehensive listing of all policies that are easily accessible to all members of the University community. The site contains the most up-to-date versions of all policies. For questions regarding a policy, contact policy@liu.edu. Policy categories include:

• Academic Affairs
• Admissions
• Compliance
• Diversity, Equity, and Inclusion
• Facilities
• Human Resources
• Information Technology
• Public Safety
• Student Affairs
• Student Finance
• Student Registration

To view all University Policies, visit www.liu.edu/policy.

Title IX

Long Island University does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs. The Title IX Coordinator has been designated to handle inquiries regarding the non-discrimination policies:

Title IX Coordinator
Long Island University
700 Northern Boulevard
Brookville, New York 11548
Phone: (516) 299-3522
For assistance related to Title IX or other civil rights laws, please contact OCR at OCR@ed.gov or 800-421-3481, TDD 800-877-8339.

FERPA Notice to Students

The Family Educational Rights and Privacy Act (FERPA) of 1974 specifically provide that a school may provide what they deem "directory information," without the student's consent or as provided by the law. Directory information at Long Island University includes the following: the student's name, enrollment status, class, major field of study, dates of attendance, degrees, and awards received, past and present participation in officially recognized sports and non-curricular activities, physical factors (height, weight) of athletes and the most previous educational agency or institution attended.

Students who wish to have their directory information withheld can make this election by filing the appropriate form at Enrollment Services.

University Grievance Policy

This policy complies with the Middle States Commission on Higher Education’s Verification of Compliance with Accreditation—Relevant
otherwise provide reliable information.

Current and prospective students who wish to file complaints with the Middle States Commission on Higher Education or with the New York State Department of Education will find appropriate contact information on the Accreditations page of the University website.
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<tr>
<td>Alumni &amp; Employer Engagement</td>
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<td>Athletics</td>
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<td>Bookstore</td>
<td>516-744-6778</td>
<td>liunet-brooklyn.bncollege.com/shop/liu-post</td>
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<td><a href="mailto:Post-publicsafety@liu.edu">Post-publicsafety@liu.edu</a></td>
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<td><a href="mailto:it@liu.edu">it@liu.edu</a></td>
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<td>Tilles Center</td>
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<td><a href="mailto:tillescenter@liu.edu">tillescenter@liu.edu</a></td>
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<td>• School of Performing Arts</td>
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<tr>
<td>• School of Film and Digital Media</td>
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<tr>
<td>College of Education, Information &amp; Technology</td>
<td>516-299-2210</td>
<td><a href="mailto:post-CEIT@liu.edu">post-CEIT@liu.edu</a></td>
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<tr>
<td>• School of Education</td>
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<td>• Palmer School of Library and Information Science</td>
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<tr>
<td>School of Health Professions &amp; Nursing</td>
<td>516-299-2485</td>
<td><a href="mailto:post-SHPN@liu.edu">post-SHPN@liu.edu</a></td>
</tr>
<tr>
<td>College of Liberal Arts</td>
<td>516-299-2233</td>
<td><a href="mailto:post-CLAS@liu.edu">post-CLAS@liu.edu</a></td>
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<tr>
<td>• School of Humanities and Social Sciences</td>
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<td>• George Polk School of Communication</td>
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<tr>
<td>College of Management</td>
<td>516-299-2233</td>
<td><a href="mailto:post-COM@liu.edu">post-COM@liu.edu</a></td>
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<tr>
<td>• School of Business</td>
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<td>• School of Entrepreneurship and Innovation</td>
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<td>• School of Professional Accountancy</td>
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<td>College of Science</td>
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<td>• School of Natural and Life Sciences</td>
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<tr>
<td>• School of Engineering, Computer Science and Artificial Intelligence</td>
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<tr>
<td>Roosevelt School</td>
<td>516-299-2851</td>
<td><a href="https://liu.edu/roosevelt-school">https://liu.edu/roosevelt-school</a></td>
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<tr>
<td>Honors College</td>
<td>516-299-2840</td>
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<tr>
<td>College of Veterinary Medicine</td>
<td>516-299-3679</td>
<td><a href="mailto:vetmed@liu.edu">vetmed@liu.edu</a></td>
</tr>
<tr>
<td>School of Professional and Continuing Education</td>
<td>516-299-2236</td>
<td><a href="mailto:post-CE@liu.edu">post-CE@liu.edu</a></td>
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</tbody>
</table>
# ACADEMIC CALENDAR 2022-2023

## Fall 2022

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Labor Day-Holiday</td>
<td>September 5</td>
</tr>
<tr>
<td>Weekday Classes Begin</td>
<td>September 7</td>
</tr>
<tr>
<td>Registration and Program Changes (after 9/14 permission needed to enroll in Lab Science courses)</td>
<td>September 7-20</td>
</tr>
<tr>
<td>First Weekend Session Classes Begin</td>
<td>September 10-11</td>
</tr>
<tr>
<td>Registration and Program Changes End</td>
<td>September 20</td>
</tr>
<tr>
<td>Spring 2022 Registration Begins (tentative)</td>
<td>October 10</td>
</tr>
<tr>
<td>Columbus Day - No Classes in Session</td>
<td>October 10</td>
</tr>
<tr>
<td>Second Weekend Session Classes Begin</td>
<td>October 29-30</td>
</tr>
<tr>
<td>Election Day - Classes in session</td>
<td>November 1</td>
</tr>
<tr>
<td>Last Day for Withdrawal/Opt Pass/Fail for Full-semester Classes</td>
<td>November 11</td>
</tr>
<tr>
<td>Thanksgiving Holiday</td>
<td>November 23 - 27</td>
</tr>
<tr>
<td>Classes Resume</td>
<td>November 28</td>
</tr>
<tr>
<td>Semester Classes Meeting Monday through Friday End</td>
<td>December 12</td>
</tr>
<tr>
<td>Class Make-up/Study Days</td>
<td>December 13-14</td>
</tr>
<tr>
<td>Final Examinations-Undergraduate and Graduate</td>
<td>December 15-21</td>
</tr>
<tr>
<td>Final Exam Make-up Day (in the event of snow closure)</td>
<td>December 22</td>
</tr>
<tr>
<td>Winter Recess Begins</td>
<td>December 23</td>
</tr>
</tbody>
</table>

All classes must meet during the Final Examination period (for either a final exam or regular class meeting) in order to meet the minimum contact hours required by NYSED.

## Winter 2023

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intersession Classes Begin</td>
<td>January 2</td>
</tr>
<tr>
<td>Final Class Meeting/Final Exam</td>
<td>January 13</td>
</tr>
</tbody>
</table>

## Spring 2023

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Fall Degrees Conferred</td>
<td>January 13</td>
</tr>
<tr>
<td>Martin Luther King Day-No Classes</td>
<td>January 16</td>
</tr>
<tr>
<td>Weekday Classes Begin</td>
<td>January 17</td>
</tr>
<tr>
<td>Registration and Program Changes (after 1/24, permission needed to enroll in Lab Science courses)</td>
<td>January 17-30</td>
</tr>
<tr>
<td>Awarding of January Degrees</td>
<td>January 13</td>
</tr>
<tr>
<td>First Weekend Session Classes Begin</td>
<td>January 21-22</td>
</tr>
<tr>
<td>Registration and Program Changes End</td>
<td>January 30</td>
</tr>
<tr>
<td>Summer/Fall 2023 Registration Begins (tentative)</td>
<td>February 13</td>
</tr>
<tr>
<td>Presidents' Day-No Classes</td>
<td>February 20</td>
</tr>
<tr>
<td>Tuesday Follows a Monday Schedule</td>
<td>February 21</td>
</tr>
<tr>
<td>First Weekend Session last classes/final exams</td>
<td>March 4-5</td>
</tr>
</tbody>
</table>

All classes must meet during the Final Examination period (for either a final exam or regular class meeting) in order to meet the minimum contact hours required by NYSED.
## Summer 2023

### SUMMER SESSION I
- **Weekday classes begin (1st Five Week, 10 week and 12 Week sessions)**: May 15
- **Registration and program changes end for 5 Week Session**: May 17
- **Registration and program changes end for 10 & 12 Week Sessions**: May 21
- **Memorial Day-NO CLASSES - Make up class date**: June 2
- **Make-up day for Memorial Day**: June 2
- **Last day to withdraw (or Opt P/F) from courses**: June 8
- **Last day of class/Finals for 1st Five week Session**: June 15

### SUMMER SESSION II
- **Weekend Session begins**: June 24
- **Classes Begin - 2nd Five Week Session**: June 26
- **Registration/Programs Changes for 2nd Five Week Session ends**: June 28
- **Independence Day - Holiday (makeup day July 7)**: July 4
- **Make up day for July 4**: July 7
- **Last day to withdraw (or Opt P/F) from 10 & 12 week session**: July 7
- **Last day to Apply for September Degree**: July 7
- **Last day to withdraw (or Opt P/F) from 2nd Five week session**: July 20
- **Last day to withdraw (or Opt P/F) from 12 week session**: July 20
- **Last Class/Finals for 2nd Five week and 10 week sessions**: July 28

### SUMMER SESSION III
- **Classes Begin - 3rd Five Week Session**: July 31
- **Registration/Programs Changes for 2nd Five Week Session ends**: August 2
- **Last Class/Finals for 12 week session**: August 3
- **Last Day to Withdraw (or Opt P/F) from 3rd Five Week Session**: August 24
- **Summer Degree Conferral**: August 31
- **Last day of class/Finals for 3rd Five week Session**: September 2

*Last day to withdraw from a class or elect Pass/Fail option is:
- Five week session: One week prior to end of session
- Ten week session: Two weeks prior to end of session*
ADMISSION

Online application: www.liu.edu/post/apply
Requests for an admission application and related correspondence concerning admission should be directed to:
Office of Admissions
LIU Post
720 Northern Boulevard
Brooklyn, New York 11548-1300
Telephone: 516-299-2900
Email: post-enroll@liu.edu
Website: www.liu.edu/post/admissions

General Information

Long Island University accepts applications for enrollment in a registered certificate, undergraduate, graduate, or doctoral program. Through the application review process, the University seeks evidence that applicants are academically and intellectually qualified and prepared to pursue college-level work.

All communications concerning admission to Long Island University should be addressed to the Office of Admissions. Information about admission to the University is found on liu.edu/visit.

The Office of Admissions accepts and reviews applications on a rolling basis, allowing prospective students to submit applications at any time during the cycle. Some graduate or doctoral academic programs may have an established application deadline.

Freshman Admission

Early Action applications and supporting documentation for fall admission must be submitted on or before November 15. Early Action notification begins December 1.

Early Decision applications and supporting documentation for fall admission must be submitted on or before December 15. Early Decision notification begins January 2.

To ensure consideration for all available departmental and merit-based scholarships and on campus housing opportunities, applicants should submit applications by December 1 for fall admission and by October 1 for spring admission.

Applicants should submit the below required material for consideration:
• Undergraduate application at liu.edu/apply or via the Common Application.
• Non-refundable $50 application fee.
• High school transcript.

Applicants may submit the following for consideration:
• SAT or ACT Test Scores: SAT: LIU Code 2369. ACT: LIU Code 2792.
• If English is not the student’s native language, an official copy of TOEFL, IELTS, or iBT, students may also provide evidence of English proficiency through submission of standardized test scores.
• Recommendation from one teacher or guidance counselor. Each applicant is considered through a review of their application and supporting material.

Admitted freshman students are required to provide proof of successful completion of high school or its equivalent prior to the first day of classes.

Freshman applicants may apply for fall, spring, or summer admission as full- or part-time degree seeking students. Classes are offered during the day, evening and on weekends. A non-degree option (for a student not enrolled in a degree program) is available to visiting students.

Test scores should be forwarded to the Office of Admissions. Credit includes the following:
• International Baccalaureate Program Credit
• Advanced Placement Credit
• College Level Examination Program

Application materials are to be submitted directly to LIU:
Long Island University
Office of Admissions
720 Northern Blvd.
Brooklyn, NY 11548

Transfer Admission

Applicants for transfer admission from accredited two-year and four-year colleges are considered. Students transferring from non-accredited institutions must consult with the Office of Admissions to determine eligibility for transfer credits.

Some academic departments have special criteria for admission and may require a higher GPA, an audition, or portfolio review. The Office of Admissions weighs all available information and evidence of achievement.

Transfer students are evaluated primarily based on their college work. Students with fewer than 24 credits of previous college work, or those who enrolled in college courses before completing high school, must submit secondary school records.

Transfer students will receive an official transfer credit evaluation after being admitted to the University. Generally, transfer credits are awarded for equivalent academic courses that have been completed with grades of C- or better at accredited colleges or universities. Students transferring directly to LIU from two-year institutions can receive a maximum of 72 credits. Those transferring from four-year institutions can receive a maximum of 90 transfer credits.

Coursework is transferable to LIU if it is equivalent to a course currently offered at LIU and was earned at a regionally accredited college or university with a grade of C- or better. Courses not approved for transfer through the admissions process may be reviewed at the departmental level, and after approval, will be credited to the student’s transcript. Other transferrable credit may include: advanced placement credit, international baccalaureate credit, advanced levels, and CLEP. Certain programs might require higher scores than outlined above in order to gain transfer credit for a particular program.

Applicability of transfer credits and actual length of time required to complete a bachelor’s degree depends on the number of credits earned. The Office of Admissions resolves transfer credit questions related to:
• Inter-Campus Transfer: Students wishing to enroll in classes at another LIU campus are required to complete the internal transfer form with their Success Coach. Students will be required to meet any special criteria outlined by the academic program they seek to enter.
• College Credits for Military Service Joint Services Transcript: LIU awards College credits to eligible veterans and active members of the military. The Army, Coast Guard, Marine Corps, and Navy use the centralized Joint Services Transcript (JST) system. Students may receive college credits for military training and specific occupational training. Official Joint Services Transcripts must be submitted electronically to Admissions.
• Community College of the Air Force: Veterans and active members of the Air Force may be eligible to receive college credits upon an admissions review of official CCAF transcripts.
• Life Experience Credits: Life experience credits may be awarded in recognition of knowledge obtained in ways other than study at an accredited college, and in accordance with the LIU Life Experience Credit Policy.

Articulation Agreements

LIU has developed articulation agreements with Nassau Community College and Suffolk County Community College, among other colleges. These agreements enable qualified students to benefit from guaranteed transfer credits toward their bachelor’s degree at LIU.

Academic Residence Requirements

To complete a bachelor’s degree, students must be in academic residence at LIU for at least the final 30 credits; nine of those credits must be completed in the student’s major concentration. Exceptions include Business Administration and Accountancy, each of which requires that 50% of
the credits in the major field be completed in residence. For further information, refer to the College of Management section in this Catalog.

**Undergraduate Transfer Credit**

LIU awards undergraduate transfer credit from accredited colleges and universities. Transfer credits are generally awarded for equivalent academic courses that have been successfully completed prior to enrollment at LIU with grades of C- or better at accredited colleges or universities. In the event that specific LIU programs require grades higher than C- in courses that are prerequisites for admission, that program’s grade transfer credit requirements will apply.

The following additional guidelines apply to the awarding of undergraduate transfer credit:

- Students who have an earned Associates or Bachelor’s degree may be granted credits for courses with grades of D earned, if they were part of the earned degree.
- Students can receive a maximum of 72 credits from two-year institutions.
- Students can receive a maximum of 90 credits from four-year institutions.
- Students who completed higher education coursework in another country must submit official transcripts along with an international credentials evaluation completed by a NACES (National Association of Credential Evaluation Services member organization).
- Courses in which a grade of “P” was earned are not transferrable unless information is provided that indicates that the grade was equivalent to a C- or higher.
- Any awarded transfer credits are not used in the LIU GPA calculation.

Students should refer to the Academic Catalogs for a list of programs that have specific transfer credit requirements.

**Military Service and Training Transfer Credit**

LIU awards college credits to eligible veterans and active members of the military. The Army, Coast Guard, Marine Corps, and Navy use the centralized Joint Services Transcript (JST) system. Students may receive college credits for military training and specific occupational training. Official Joint Services Transcripts must be submitted LIU.

**Life Experience Transfer Credit**

Life Experience credits may be awarded in recognition of knowledge obtained in ways other than study at an accredited college. Students must have completed six credits at LIU and demonstrate knowledge equivalent to what would be learned in a specific LIU undergraduate course. There are some specific subject areas that do not award Life Experience credit; please refer to the Life Experience Credit policy.

Advanced Placement; CLEP; International Baccalaureate; TOEFL; SAT/ACT

**Transfer Credit; International Baccalaureate; TOEFL; SAT/ACT**

Students transferring from non-accredited institutions are reviewed on a case-by-case basis to determine eligibility for transfer credits.

**International Admission**

Applicants who are not citizens or permanent residents of the United States apply to LIU as international students. Applications for international admission should be submitted to the Office of Admissions by February 1 for fall admission or by September 1 for spring admission.

Applicants should submit the below required material for consideration:

- Original official records of all secondary school and/or university work, including graduation certificate or equivalent. Official certified translations in English are also required if the records are in a language other than English.
- Non-refundable application fee.
- Professional evaluation of their university credits from a NACES-member organization (www.NACES.org), if required.
- Official Test of English as a Foreign Language (TOEFL), International English Language Testing System (IELTS), or Pearson Test of English (PTE) scores.
- Portfolio or video audition (if required for admission into or scholarship consideration for particular programs).

Applicants may submit the below optional material for consideration:

- SAT or ACT scores may be submitted. Test scores may be submitted in lieu of language testing scores.
- Recommendation from one teacher or guidance counselor. Each applicant is considered through a review of their application and supporting material.

Language Proficiency may be determined based on the criteria below:

- TOEFL score for undergraduate: 75 (Some academic programs may require a higher score or previous university-level academic coursework in the United States.)
- Minimum IELTS score for admission: 6.0
- SAT or ACT
- ELS 112 completion certificate

Admitted students who intend to apply for an F-1 student visa must also submit an I-20 application and supporting documentation showing that the student or sponsor is willing and able to undertake the approximate costs of education and living expenses. A copy of a valid passport is also required. Upon acceptance, eligible students are 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.

International students are required to submit their LIU tuition deposit in order to receive their I-20. Once students receive their I-20 released by LIU they are able to begin the process of obtaining an F-1 visa to study in the United States.

For detailed information on immigration policy and maintaining F-1 status, international students should familiarize themselves with the LIU International Student Handbook.

**Readmission**

Any undergraduate student who has not attended the University for one or more regular semesters (fall or spring) and wishes to return must file a readmission form.

Undergraduate students who have attended other colleges since their last attendance at LIU must submit official transcripts before readmission will be approved. Students who have not attended for more than five years must reapply to LIU. If readmission is approved, a student’s return to LIU is subject to academic requirements as listed in the catalog in effect at the time of readmission.

Undergraduate students wishing to be readmitted into a new program will be advised through the admissions process and evaluated for eligibility for the new program of study. Readmission into specific programs (i.e., cohort based programs) may require the program director’s and/or academic dean’s approval.

Any student who left the University on probation will be readmitted with the same probationary status that was in place during the last term of attendance unless the student provides academic transcripts demonstrating that they have met the requirements of the probation.

If readmission is approved, a student’s return is subject to the academic requirements posted in the catalog in effect at the time of readmission.

**Student Academic Forgiveness**

Students who have not enrolled for at least five years have the option to be readmitted with the following provisions:

1. The student must follow the bulletin in effect at the time they were readmitted.
2. All courses and grades received prior to the date of readmission will remain on the student’s permanent record, but will not be computed...
into the student’s academic average.

3. Only courses completed prior to readmission in which a “C” or better was earned will count toward the student’s graduation requirements. However, these grades will not be computed into the student’s academic average.

4. Courses completed prior to readmission in which a “C-” or lower was earned will not count toward graduation requirements nor will they be included in the computation of the student’s academic average.

5. This option, once chosen, cannot be rescinded.

**Visiting Students**

Long Island University permits students to enroll as a visiting student for one (1) academic semester. To enroll for more than one (1) academic semester, visiting students may request an extension of their visiting student status through the Office of Admissions.

Visiting students are expected to adhere to all policies set forth by Long Island University. Financial aid is not available for students who are visiting at Long Island University.

Visiting students seeking to matriculate into an LIU program must submit an application through the Office of Admission.

**High School Scholars Program**

The High School Scholars Program is a cooperative program between LIU and selected secondary schools in the New York area. This program enables qualified high school students to enroll in regularly accredited LIU Post courses and to earn college credits while remaining in their high school setting.

The program seeks to avoid duplication in secondary and post-secondary programs, to provide qualified students with the opportunity to accelerate their academic pursuits, and to provide enriched instruction in secondary school. Upon completion of the senior year in high school, students may apply to continue their degree study at any campus of LIU.

**New York State Immunization Law**

In accordance with the New York State Department of Health, the following immunizations are required at Long Island University:

*Measles, Mumps, and Rubella (MMR)*: In accordance with New York State Public Health Law § 2165, all students born on or after January 1, 1957 and are enrolled for at least six (6) credits or more are required to provide Long Island University with certified proof of vaccination from a health care provider.

*Meningococcal Disease (Meningitis)*: In accordance with New York State Public Health Law § 2167 all students enrolled for at least six (6) credits or more are required to provide the University with certified proof of vaccination within the past 10 years from a health care provider.

*Rabies Vaccine*: In accordance with CDC recommendations, all students enrolled in the College of Veterinary Medicine are required to provide the University with certified proof of rabies pre-exposure prophylaxis (PreP) vaccination and proof of continued compliance during their enrollment at the University.

Students may request a medical or religious exemption from any of the vaccination requirements set forth above by submitting documentation in writing to the Center for Healthy Living, the department responsible for the collection and validation of immunization documents.

Proof of immunization, or documentation for exemption, must be submitted on the Immunization Portal prior to the beginning of the first semester of classes.

The University reserves the right to impose additional immunization requirements in collaboration with local and state health directives or recommendations.

**Graduation Rate**

As reported to the U.S. Department of Education and the New York State Education Department in spring 2021, the graduation rate for first-time, full-time, bachelor's degree-seeking undergraduates who enrolled in fall 2015 was 53.2 percent.
The Long Island University Honors College was inaugurated in 1963 as one of the nation's first Honors programs. Students in the Honors College take courses designed to broaden their education and engage in interdisciplinary learning and research. Honors College students are granted exceptional privileges including priority registration, small classes, interdisciplinary courses not offered through regular departments, additional internship, leadership, study abroad and service learning opportunities, multiple fellowships and external scholarships, dedicated study space, and an Honors designation (Latin honors) on their diploma at graduation. Study abroad courses are routinely chosen by Honors College students who may earn up to six (6) honors advanced elective credits through LIU Global.

The Honors College is a community founded on research and committed to its mission statement: “The Honors College at LIU prepares a select group of diverse and highly gifted students to solve society’s greatest challenges. Our mission is to foster tolerance, celebrate diversity, enhance research, and provide students the flexibility necessary to succeed in the workforce of tomorrow. Honors students explore world perspectives through our innovative curriculum that provides research opportunities and interdisciplinary connections. Through opportunities outside the classroom, including internships, joint interdisciplinary sessions, and study abroad programs, students become accomplished global citizens who are prepared to balance creativity and analytical skill, and become leaders in their respective fields.”

Students in the Honors College earn 24 or more credits in Honors courses, which replace the General Education (core) requirements. At the most advanced academic level, every student in the Honors College enrolls in Honors Advanced Research Electives, leading up to capstone research papers and/or projects, ultimately intended for publication in conferences, exhibits or research journals, including the LIU Honors Journal. All Honors classes require students to explore their topics in more depth and interdisciplinary breadth than a non-honors course would. Specifically, they each include at least two of the following elements: Research and Creative Scholarship; Service Learning and Leadership; Experiential Learning; Breadth, and Enduring Questions.

Honors College students have exclusive access to the Honors Village, located in the historic Winnick Mansion. Students are encouraged to use the Village to study, meet with friends, and hold gatherings. In the Honors College, student ideas and leadership are at the heart of our mission to broaden and advance student learning.

In the Honors College at LIU student learning is advanced in the following specific areas as approved by the National Collegiate Honors Council:

1. Research and Creative Scholarship - “learning in-depth”
   • Includes data analysis, experimentation, measurement, and interpretation
   • Includes specialized, in-depth learning in addition to self-reflective, analytical, and creative activity
   • Produces documented scholarship that leads to new integrations, new knowledge, or new understandings of creative products

2. Service Learning and Leadership
   • Emphasizes community engagement
   • Produces a project or a series of collaborative projects that address real-world problems
   • Participate in philanthropic or humanitarian service

3. Experiential Learning
   • Focuses on hands-on, practical engagement with usable outcomes can also occur
   • Includes international experience and active learning
   • Emphasizes exploration and/or discovery rather than the acquisition of specific knowledge sets
   • Involves continuous reflective writing and oral presentation as the students articulate their discoveries

4. Breadth and Enduring Questions - “multi- or interdisciplinary learning”
   • Provides greater depth than a non-honors course?
   • Confronts students with alternative modes of inquiry, exploration, discovery, tolerance of ambiguity, and enduring questions
   • Requires integrative learning: both local and global learning with connections across time, genre, and disciplines
   • Produces creative integrations of evidence from several disciplines with an aggressive emphasis on interdisciplinarity
   • Assessment of the products emphasizes process rather than product, focusing on metacognitive questions.

ADMISSION REQUIREMENTS

Freshmen are admitted with a high-school grade point average of 95 or above, and with a combined SAT score of 1300 or higher, or an ACT score of 28 or higher.

PARTICIPATION REQUIREMENTS

24 or more credits distributed over four years, depending on a student's major.
Honors Core Courses

**ART 301 Pottery & Ceramic Sculpture - Honors**
This course is a hands-on study of the methods of creating ceramic art. You will develop skills in crafting important and unique objects made with an understanding of chemistry, physics and the material science of ceramics. Ceramics is a multi-cultural field and its study provides multicultural awareness. This course fulfills the creativity, media and the arts thematic cluster requirement in the core curriculum.

*Must be in Honors College*

**Credits:** 3

**Every Fall**

**ART 302 High Impact Art-Make, Do, Effect Social Change**
This course examines art, not as a commodity, but as a change-maker. Students will develop skills to use tools to build structures that are both artful and useful. Students will learn to design imagery and actions that inspire people to question the world as it is, imagine a better future, and work together for good.

*Must be in Honors College*

**Credits:** 3

**Every Spring**

**ART 303 Survey of World Art 1**
This course is a chronological survey of the fine arts of the world tracing cultural and creative expression in all media, from prehistoric times to the beginning of the European Renaissance. Cross-listed with ART 59. Students enrolled in this course as ART 303 for Honors credit will have an additional project. Students who take this class will find that personal connections to art during travel and study abroad are greatly enriching.

*Must be in Honors College*

**Credits:** 3

**Every Fall**

**BIO 301 General Biology I - Honors Core**
This course is an examination of basic life processes including molecular and cell biology, genetics and the functioning of the human organism. Students are encouraged to think creatively and critically about topics studied, such as current issues concerning DNA, genes, chromosomes and disease as they relate to man.

Three hours lecture, three hours laboratory.

*Prerequisite of Honors Program is required.*

**Credits:** 4

**Every Fall**

**BIO 302 General Biology II - Honors Core**
The course focuses on a consideration of the diversity of organisms on Earth, including ecology, evolution, systematics and the major groups of living things. Relevance of these topics to issues of general human concern will be explored through readings and discussion. These issues include human evolution, sociobiology, scientific creationism, and such environmental problems as the extinction of species and the decimation of tropical ecosystems.

Three hours lecture, three hours laboratory.

*Prerequisite of Honors Program is required.*

**Credits:** 4

**Every Spring**

**CMA 304 Introduction To Media Culture**
Introduces the student to ways of thinking systematically and critically about our mass-mediated culture. Critical and theoretical approaches to popular media are applied to a variety of genres drawn from radio, television, print media, on-line media and digital games. The aesthetic merit and social influence of media forms are considered. Students conduct small first hand research projects to assess media's impact. Students may take CMA 303 or 304 but may not take both.

*Prerequisite of Non-Majors as well as Honors College are required.*

**Credits:** 3

**Annually**

**ENG 303 World Literature I - Honors Core**
This course is an Honors version of the same material covered in ENG 7 with additional writing assignments. Students who have taken ENG 303 may not take ENG 7. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum or is used as the honors equivalent of ENG 1.

*Student must be in Honors College.*

*Not open to students who have taken ENG 7.*

**Credits:** 3

**Every Fall**

**ENG 304 World Literature II - Honors Core**
This course is an Honors version of the same material covered in ENG 8 with additional writing assignments. Students who have taken ENG 304 may not take ENG 8. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum or may be used as the equivalent of ENG 1.

*Student must be in Honors College.*

*Not open to students who have taken ENG 8.*

**Credits:** 3

**Every Spring**

**GGR 303 Human Geography: Man, Environment and Technology - Honors Core**
The objective of the course is to provide an understanding of the geographical mosaic of ways of life on the Earth, "traditional" and "modern," "underdeveloped" and "developed." A space-time approach is adopted to consider the relationship between human beings and the natural environment and to describe the development of technology as a factor in the evaluation and use of earth resources. Commencing with the "clean slate" of the natural earth, the course describes human evolution on the planet and the various technological stages and their repercussions through which mankind has "progressed": the Old Stone Age way of life; the emergence of the Neolithic agricultural revolution and traditional farming; the modern Technological Revolution and the problems it has brought; the population explosion and hunger; and the disparity between the "have" and "have not" nations of the world. This course is included the Perspectives of World Cultures cluster.

*Must be in Honors College*

**Credits:** 3

**Every Fall**

**GGR 304 Human Geography: The Cultural and Demographic Environment - Honors Core**
A consideration of the differential world geographical patterns produced by human beings in their occupancy of the Earth: ethnic, racial, religious and linguistic factors and their social, economic and political impact. The course also considers population geography such as world patterns of demographic distribution, problems of population growth, and the problem of "overpopulation," with detailed treatment of possible solutions to the increasing pressure of human demands on the earth's limited resources. This course is included in the Perspectives on World Culture cluster.

*Must be in Honors College*

**Credits:** 3

**Every Fall**

**HIS 303 Civilization from the Ancient World to the 18th Century - Honors Core**
A general but highlevel seminar, this course studies the most important social, political and religious developments of societies in Europe and surrounding regions from the ancient period to the 18th century, especially those developments which continue to influence the modern world. Together students examine not just individuals, events and institutions, but cultural values, social patterns, and the place of European communities in the broader context of human society. Students also consider the way people have used such communities and their "civilization." This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. This course is included in the Perspectives on World Cultures cluster.

*Must be in Honors College*

**Credits:** 3

**Every Fall**

**POL 303 European Political Theory I - Honors Core**
This course fulfills the Core Curriculum requirements in Economics/Political Science. The nature of man, the state, government, law and the nature of political theory as seen through selected writings from Plato to Machiavelli. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

*Must be in Honors College*

**Credits:** 3

**Every Fall**
Every Fall

**POL 304 European Political Theory II - Honors Core**
This course fulfills the Core Curriculum requirements in Economics/Political Science. The nature of man, the state, government, law and the nature of political theory as seen through selected writings from Machiavelli to the modern world. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

*Must be in Honors College*

*Credits: 3*

Every Spring

**PSY 301 Principles of Psychology - Honors Core**
This course is a survey of principles, concepts, and ideas from psychology. Topics will include research in psychology; biological bases of behavior; sensation and perception; learning; developmental psychology; social psychology. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.

*Not open to students who have taken Psychology 101 or 102.*

*Credits: 3*

On Occasion
ACADEMIC POLICY

Please refer to individual department listings in this bulletin for policies that may be specific to each academic discipline and for specific degree requirements.

Undergraduate Degrees

LIU Post awards the following bachelor's degrees: Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, and Bachelor of Science.

Three-quarters of the work for the Bachelor of Arts degree (90 credits) must be in liberal arts and sciences; one-half of the work for the Bachelor of Science degree (minimum of 60 credits) must be in the liberal arts and sciences; one-quarter of the work for the Bachelor of Fine Arts and Bachelor of Music degree (minimum of 30 credits) must be in liberal arts and sciences, as defined by New York State Education Department (NYSED).

Student Academic Standing

In accordance with University regulations, only students who have been admitted to the University, have formally registered, and are in good financial standing, may attend classes.

Full-time undergraduate students in good academic standing may carry 12-18 credits during each fall and spring semester without additional approvals. Undergraduate students may request to take 19 or more credits in the regular semester if they are in good academic standing and if they obtain approval from the Dean of Students or their designee. For any credits taken above 18, students are charged additional tuition at the per-credit rate for credits taken above 19.

Pharm.D. students are considered graduate students once they enter the year five curriculum and are enrolled in 500-level classes. Occupational Therapy B.S./M.S. dual-degree students are considered graduate students once they begin taking 500-level classes.

Students with excessive W’s or INC’s (or both) on their records may be considered as failing to make satisfactory progress toward completion of their programs of study and may be ineligible to continue until remedial steps have been taken.

Grading and Grade Point Average

Credits are granted for undergraduate courses completed with the grade of A, A-, B+, B, B-, C+, C, C-, D, or P. A grade of F signifies failure and no credit is awarded.

Credits are granted for graduate courses completed with the grade of A, A-, B+, B, B-, C+, C, or P. A grade of F signifies failure and no credit is awarded.

A grade of Incomplete (INC) may be assigned if a student has failed to complete part of the required course work. An INC is given by the faculty member. It is the student’s responsibility to make specific arrangements with the instructor to complete the course work and to have the grade submitted to the Office of the University Registrar before the end of the following semester.

INC grades will convert to a grade of NC (No Credit earned) if the work is not completed by the end of the following semester. If an unusual extension of time is necessary to complete the work, the grade change must be approved by the faculty member, the chairperson, and the dean. Upon completion of the INC grade, the grade “F” is printed on the transcript along with the final earned grade and the date the work was completed.

Students who never attended or stopped attending before the course withdrawal deadline date as defined in the academic calendar and did not properly withdraw by published deadline may be assigned a grade of NC - No Credit earned.

The W grade is automatically assigned when a student officially withdraws from a course by the published deadline dates in the academic calendar. View Withdrawal Policy.

Students who receive grades of W (withdrawal), NC (unauthorized withdrawal), INC (incomplete) or an opted Pass/Fail in the fall or spring semester are ineligible for inclusion on the Dean’s List for that semester.

Students have the option to repeat a course. In the event that individual programs have their own policies on repeating a course, the more restrictive policy will apply. 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 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. A course may not be repeated more than once, except with the prior approval, following procedures contained in the Academic Catalogs. If a course is taken more than twice, all grades after the first grade will be computed into the student’s GPA. To be considered for graduation with honors, the student’s average shall include only the grade given to that student the first time he or she has taken any specific course.

Required courses in which a grade of F was earned should be repeated within one year.

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

Undergraduate students are permitted to opt for a pass/fail grade in a maximum of one course per semester for a total of eight semesters. Pass/Fail option does not apply to courses in the student’s major, to courses that are prerequisites to or required by the major, or to courses that are used to satisfy the core requirement. The election of the pass/fail grading system must be designated by the 10th week of the semester, as listed in the Academic Calendar. All requirements of examination and work assigned by the instructor must be fulfilled. If a grade of P is assigned, credits are earned for the course but the grade is not calculated into the GPA. If a grade of F is assigned, the F is calculated into the GPA.

The symbol U is assigned in certain proficiency courses when a student has completed all work but in a fashion unacceptable to warrant a passing grade. The student must, therefore, repeat the course in the semester immediately following. The symbol U is not computed in the student’s average.

A student may receive only one U symbol in any course. On the second enrollment, the student must either satisfactorily complete the course or receive an F.

Students must achieve designated GPAs in order to graduate. Graduate students must achieve an...
overall Grade Point Average (GPA) of 3.00 to graduate. Undergraduate students must achieve an overall grade point average (GPA) of 2.00 to graduate. In some departments requirements may be higher (see departmental requirements). In the major area, the student must achieve an average of at least 2.00; in certain programs the minimum major average may be higher.

Quality points for a specific course are determined by multiplying the corresponding quality points (see below) for the grade received in the course by the number of credits awarded for the course. Total quality points are determined by adding all quality points for all courses. The grade point average (GPA) is determined by dividing the total quality points by the total number of credits, including those of failed courses. The grades W, NC and P are not counted in the GPA computation nor are the grades for courses taken at another college or university. All courses taken at any LIU campus or offered by LIU at off-site locations will be computed into the student's cumulative and major averages.

Grade Quality points per credit
• A 4.000
• A- 3.667
• B+ 3.333
• B 3.000
• B- 2.333
• C+ 2.000
• C 1.667
• C- 1.333*
• D 1.000*
• F 0.000
* not used for graduate level courses

Undergraduate students must maintain the following quality-point ratios to be in good academic standing:
• 1.8 if they have accumulated up to 29 credits
• 1.9 if they have accumulated 30 to 59 credits
• 2.0 if they have accumulated 60 credits or more

GPA computations are carried to the third decimal place from which rounding takes place to the second decimal place. On all official LIU transcripts, a GPA will be displayed to three decimal places with the third decimal place always being zero due to rounding. Major GPAs are calculated using all courses required in a student’s major (excluding core and co-related courses).

Grades of “P” are not computed into the overall GPA, but do count towards graduation credits.

Pass/Fail Option
Students may take a maximum of two courses on the Pass/Fail (P/F) basis per academic year (which includes winter, summer, weekend sessions, and all other newly created sessions, for a total of no more than 24 credits in a student’s resident undergraduate program). This restriction does not apply to courses offered only on the P/F basis. A grade of “P” will be posted on the student’s transcript only if the actual grade earned is a “D” or better. Only elective courses may be taken on a Pass/Fail basis. Core courses may not be taken on a Pass/Fail basis. “P” grades are not calculated into the GPA, but credits are earned for the course. “F” grades are calculated into the GPA.

Core courses, courses in a student’s major, and co-related courses may not be taken as P/F without the written permission of the major or minor department chair or program director.

Students in Early Childhood and Childhood Education degree programs may not be allowed to take any courses in their academic concentrations (30-credit liberal arts concentrations in the College of Liberal Arts and Sciences) on a Pass/Fail basis. Students who opt for a Pass/Fail during the fall or spring semester are not eligible for inclusion on the Dean’s or Honor’s List for that semester. Students may choose the P/F option up to the 10th week of the regular semester as specified in the academic calendar. Changes will not be considered after the deadline date.

To graduate with honors, a student must take at least 54 credits at LIU Post, not including courses taken on a Pass/Fail basis or Life Experience credits.

Grade Changes
A faculty member may change a grade in situations where it is warranted. All changes from one letter grade to another require instructor, chair and dean approval and must be completed prior to degree conferral. Changes to grades cannot be made once a degree has been conferred. In the event that a graduating student appeals a grade through the formal grade appeal process, a grade may be changed at the conclusion of the appeal process.

Student Grade Appeals
A grade appeal is only available before the student's degree is awarded. The basis for filing a grade appeal in any course is limited to:
• Fundamental fairness in treatment of the student by the instructor, as specified by a syllabus conforming to the LIU Syllabus Compliance Policy, and
• grading of the student by the instructor relative to other students in the same course and section. Issues that do not meet these criteria are not appropriate for a grade appeal.

Dean's List
Eligibility for the Dean’s List is evaluated after each fall and spring term and is determined by grades earned in the regular academic semesters (fall and spring). Summer Session grades are not considered.

Degree-seeking/ matriculated students who complete at least 12 credits and achieve a grade point average of at least 3.50 in any one semester are placed on the Dean’s List for that semester. Students who earn an F, W, NC, U or INC in any semester, even though the symbols are subsequently changed to grades, are not placed on the Dean’s List for that semester. Students who opt for a course Pass/Fail are not eligible for inclusion on the Dean’s List. A student who does not receive an official grade in any semester will not be placed on the Dean’s List until official grade submission, excluding those listed above, that otherwise qualifies the student for the Dean’s List.

Graduation
Students who meet all requirements for their degrees in August or January are considered to be in the graduation class of the following May. Diplomas are dated four times a year: January, May, July, and August. Candidates for graduation should confirm that their graduation term is reflected on MY.LIU at least one month prior to the end of their final term of enrollment. Students who file a degree application after the conferral date for the term will have their degree awarded at the following conferral if all requirements have been fulfilled, regardless of the date of completion of requirements. Under no circumstances are degrees back dated and conferred for a prior conferral date.

Candidates for all degrees at LIU are expected to know the graduation requirements set forth in the catalog for the academic year in which they were admitted/matriculated. It is the responsibility of the student to draw up an acceptable program of study in consultation with their Success Coach or academic department. Undergraduate degree requirements: To qualify for a bachelor’s degree, students must complete the core curriculum, all required liberal arts and sciences courses, and all departmental and University requirements listed in the undergraduate catalog for the academic year in which they were matriculated or readmitted.

Specific requirements, substitutions, or exemptions, where relevant, are indicated. The final 30 hours of credit must be earned in academic residence at Long Island University. A minimum of 9 credits of the requirements for a major must be completed in residency at LIU. Under the undergraduate requirements for graduation are:
• 2.00 cumulative and major average (higher in some areas as indicated in the catalog)
• Core and major requirements fulfilled
• 120 credits (more in some departments as indicated in the catalog)
• Writing Across the Curriculum requirements fulfilled
• Minimum liberal arts requirements as defined by New York State Education Department

To graduate with honors, undergraduate students must complete at least 54 graded credits in
academic residence at LIU (this excludes courses graded on a pass/fail basis) to qualify for Latin Honors as follows:

- summa cum laude: 3.90 or higher
- magna cum laude: 3.70 - 3.89
- cum laude: 3.50 – 3.69

**Attendance**

It is expected that students will attend all class sessions scheduled for the courses in which they are enrolled. Responsibility for class attendance rests with the student.

Ordinarily, the work missed through absence must be made up. However, permission to make up such work is not automatic and is given at the discretion of the instructor.

When a student’s attendance in classes is unsatisfactory to their instructors or the dean, the university reserves the right to exclude the student from an examination, course, or program.

**Student Absence due to Religious Observation**

Students who anticipate being absent because of a religious observance will notify their respective faculty at the beginning of the semester. The University complies with Section 224-a of New York State Education Law—Absence Due to Religious Observation.

**Notification of Student Rights Under Section 224-a of New York State Education Law—Absence Due to Religious Observation**

Under § 224-a of the NYS Education Law: "Any student in an institution of higher education who is unable, because of his or her religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements. It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school, because of his or her religious beliefs, an equivalent opportunity to register for classes or make up any examination, study or work requirements which he or she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to the said student such equivalent opportunity."

**Academic Probation, Suspension and Dismissal**

Students will be placed on academic probation in any one of the following circumstances:

- The student’s cumulative LIU average falls below the following thresholds (higher for some majors):
  - 1.8 if they have accumulated up to 29 credits
  - 1.9 if they have accumulated 30 to 59 credits
  - 2.0 if they have accumulated 60+ credits
- The student’s major average falls below the minimum required by the major;
- The student does not complete at least half of the credits for which they originally registered in any given semester.

A student who remains on probationary status for two semesters may be suspended from their academic program or university by the Academic Standing Committee. Students on probation must comply with the following stipulations:

- They may not register for more than 12 credits, or for 13 credits if one of the courses includes a laboratory science, or is POST 101;
- They may register for one course (or up to 4 credits) credits per summer session;
- They may not receive a grade of NC or F in any courses;
- They must raise their major and cumulative averages to at least the required minimum by the time they have completed 12 more credits.

Students who have attempted 24 credits, and achieve a GPA of 1.0 or below, may be suspended from the University Generally, suspensions and dismissals based on University or departmental minimum requirements are determined after the spring semester. Students may appeal their suspension or dismissal to the Academic Standing Committee and the Vice President for Academic Affairs. Students who are suspended/dismissed after exhausting all options may not attend summer sessions or the following fall semester at LIU Post, and must observe the following procedure when seeking readmission:

- Submit an application for readmission to the Office of Admissions.
- Provide a formal statement of permission from the chair of their major department or program indicating their eligibility to pursue that major.
- Submit a letter of appeal.
- Provide an official transcript with 6-12 credit hours completed outside the LIU system with a 2.75 minimum GPA (students should refer to their Academic Standing letter for the specific number of credits required)

If readmitted, they will be permitted to return to LIU Post for one semester on probation. Students in professional programs in the School Health Professions and Nursing program should refer to their respective program student handbook for academic progression requirements and probation regulations.

**Dismissal**

Students who are placed on dismissal deferred status and who are then dismissed are required to register for 12 credits at another accredited institution and earn a 2.75 before they can return to LIU. Students who need more than the one semester allotted to raise their cumulative average to the University minimum of 2.0 will now be dismissed permanently from the University. This includes, among others, students who have attempted 24-48 credits with 1.0 or lower and students who have attempted 49 or more credits with a 1.5 or lower.

**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 will be considered sufficient cause for the dismissal of a student from a class. A student who is dismissed from class for disciplinary reasons must first attempt to resolve the problem with the faculty member. If this is not possible, the problem can be referred to LIU Promise or the Dean of Students’ Office.

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 Dean of Students office. The information will then be reviewed by the Dean of Students’ designee 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. The appropriate dean will also be notified of the incident. The 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, subject to appeal by the Vice President for Academic Affairs.

For additional information outlining the Student Conduct disciplinary process, please refer to the Student Handbook, which is updated annually. It is also available at www.liu.edu/student-success.

**Plagiarism**

Plagiarism represents in any academic activity the words or ideas of another as one’s own without proper acknowledgment. Acts of plagiarism include but are not limited to:

- paraphrasing ideas, data, or writing, even if it constitutes only some of one’s own written assignment, without properly acknowledging the source; or
- using someone’s words or phrases and embedding them in one’s own writing without using quotation marks and citing the source; or
- quoting material directly from a source, citing the source on the bibliography page, but failing to mark properly the author’s text or materials with quotation marks and a citation; or
submitting as one’s own, part of, or an entire work, produced by someone else; or
• transferring and using another person’s computer file as one’s own; or
• obtaining papers, tests, and other assessment material from organizations or individuals who make a practice of collecting papers for resubmission; or
• using visual images, dance performances, musical compositions, theatrical performances, and other digital resources as one’s own without proper acknowledgement.

Cheating is improper application of unauthorized materials, information, or study aids, including but not limited to:
• obtaining unauthorized prior knowledge of an examination or part of an examination; or
• using resources or instruments on academic tasks not explicitly permitted by the supervising instructor (e.g., textbook, notes, formula list, calculator, etc.); or
• using any electronic device in an academic exercise or examination that is not explicitly authorized by the supervising faculty. This includes but is not limited to the Internet, cell phones, beepers, iPads, headphones, PDAs, and other wireless handheld devices; or
• altering an exam or paper after it has been graded and requesting a grade change; or
• collaborating by sharing information or requesting assistance, when such collaboration has been explicitly prohibited by the instructor; or
• making use of another person’s data or work without proper citation in an assignment; or
• allowing another person to take a quiz, exam, or similar evaluation; or
• submitting work with identical or similar content in concurrent courses without permission of the instructors; or
• resubmitting a work that has already received credit with identical or substantially similar content in another course without consent of the present instructor.

Facilitating academic dishonesty is assisting another to cheat, fabricate, or plagiarize, including but not limited to:
• allowing another student to copy from one’s own work; or
• providing material or other information to another student with knowledge that such assistance could be used in any of the violations stated above; or
• taking a quiz, exam, or similar evaluation in place of another person; or
• signing on the attendance sheet the name of a student who is not present.

Fabrication is the falsification or invention of any information or citation in an academic activity, including but not limited to:
• crediting source material that was not used for research; or
• presenting results from research that was not performed; or
• altering data to support research; or
• presenting fabricated excuses for missed assignments, tests, or classes; or
• falsifying documents or records related to credit, grades, status, or other academic matters.

Sabotage is understood as stealing, concealing, destroying or inappropriately modifying classroom or other instructional material of another, such as posted exams, library materials, laboratory supplies, or computer programs.

Students accused of violating the University’s standards of academic conduct will be subject to disciplinary processes set forth in the Academic Conduct Procedures.

Student Academic Conduct Appeals Procedure

Level One
A student accused of any academic violation has the right to appeal.
1. If the student disputes the instructor’s decision, they can seek a solution from the chair of the department involved.
2. If still not satisfied, the student meets with the appropriate dean or the dean’s designee for a solution. The student will be notified in writing of the dean’s decision within seven (7) business days.
3. If the student wishes to request an appeal to the outcome of their case, the student must submit an Appeal Request Form (pdf, doc) to the chair of the Faculty-Student Appeals Board within three (3) business days after receiving the dean’s letter.
4. The Faculty-Student Appeals Board shall convene a meeting, in a timely fashion, to consider the appeal. Statements from both the student and the professor will be heard. The decision of this board is final.
5. The outcome of the decision will be communicated to the student, the instructor, the appropriate chair and dean, and (if applicable) the University Registrar within seven (7) business days.
6. A copy of the decision of the Faculty-Student Appeals Board shall be forwarded to the Division of Student Affairs.
7. The student may appeal the decision to the Vice President for Academic Affairs.

Level Two
A student accused of any academic violation, that warrants further institutional awareness or action beyond the assignment of a grade, has the right to an appeal. A student found to have committed a Level Two violation has the right to appeal the decision to the Senior Vice President of Academic Affairs.

Student complaints brought to the Office of Academic Affairs are investigated and responded to only when the complaint has been addressed at the campus level.

Criminal Background and Drug Testing
A criminal conviction and/or the use of illegal drugs may impede or bar your entry into your chosen field of study. Students seeking entrance into many fields of study including counseling, education, and health and human services professions should be aware that a criminal record can result in the refusal of licensing / certification/registration agencies to issue the credential needed to practice in that field of study. Prospective students are urged to contact the pertinent state and/or federal licensing agency to inquire whether a criminal record will have an impact on licensure or certification eligibility.

Many clinical/field experience affiliates now require the completion of criminal background checks and/or drug testing for employees, volunteers, and students affiliated with the site. Therefore, students who plan to participate in a clinical/field experience may be asked to undergo a criminal background check, and/or a drug screen. Students should be aware that our clinical/field affiliates can reject or remove a student from the site if a criminal record is discovered or if a drug test is positive. In the event that a student is rejected from a clinical/field site due to information contained in the criminal background check or drug screen, the student may be unable to complete a required clinical/field experience. In such an event, the student may be advised to withdraw from the program.

Related Curricular Matters

Semester Hour/Unit
The unit of credit is the semester hour. It represents 50 minutes of instruction per week for one semester. Each semester hour requires a minimum of two hours a week of private study or laboratory work.

Major
Students who wish to change a major may do so with the written approval of their success coach. In some instances, approval of the academic department is also required.

Change of Major forms are submitted to the University Registrar’s office once approved. Changes in major forms submitted after the drop/add period of a term will be reflected in a student’s record at the start of the following term. Changes to majors are not made effective mid-semester.
If a student’s cumulative average is less than 2.0, the student may change a major only with the approval of the chair of the new department and the dean.
Double Majors
A student may be granted permission to pursue two academic plans (a primary and a secondary major) on the undergraduate level. A student pursuing two academic plans is required to fulfill the academic majors and correlated requirements for both areas; however, only one degree will be awarded. In order for 2 separate degrees to be awarded, undergraduate students must earn a minimum of 150 credits.

Cross-Referenced Courses
Cross-referenced courses may be applied only once to a student’s program/plan; students may choose under which discipline a cross-referenced course will be listed. The course designation may not be changed once the course appears on the student’s permanent record.

Course Numbers
- Courses numbered from 1 to 499 are for undergraduates only.
- Courses numbered 300 to 399 are Honors College courses.
- Courses 500 and above are for graduate students and are described in the graduate bulletin.

INSTITUTIONAL LEARNING GOALS

Assessment of student learning demonstrates that Long Island University’s students have accomplished educational goals consistent with their programs of study and institutional expectations. In accordance with Middle States Commission on Higher Education (MSCHE) Standards, student learning is assessed at the degree program and institutional level. Student learning goals at the institution and degree program levels are interrelated with one another with relevant educational experiences. Long Island University’s institutional learning goals are:

1. CREATIVE AND REFLECTIVE CAPACITIES. Openness to new ideas and appreciation of integrative and reflective thinking, investigation, and synthesis of existing knowledge as a way of creating and critiquing original, innovative work grounded in scientific, humanistic, historical, and/or aesthetic disciplinary knowledge.

2. HISTORICAL AND INTERCULTURAL AWARENESS. Recognition of oneself as a member of a global community consisting of diverse cultures with unique histories and geographies.

3. QUANTITATIVE AND SCIENTIFIC REASONING. Competence in interpreting numerical and scientific data in order to draw conclusions, construct meaningful arguments, solve problems, and gain a better understanding of complex issues within a discipline or in everyday contexts.

4. ORAL AND WRITTEN COMMUNICATION. Knowledge and skill in proficiently composing and comprehending complex ideas through a range of media in a variety of contexts and disciplines for specific purposes and audiences.

5. INFORMATION AND TECHNOLOGICAL LITERACIES. Cognitive and technical ability to use information and communication technologies to find, evaluate, create, and effectively and responsibly use and share that information.

6. CRITICAL INQUIRY AND ANALYSIS. Capacity for reflective assessment and critique of evidence, applying theory, and practicing discernment in the analysis of existing ideas and in the production of new knowledge across a broad array of fields or disciplines.

7. ETHICAL REASONING AND CIVIC ENGAGEMENT. Ability to evaluate ethical issues in the conduct and thinking, to demonstrate ethical self-awareness, and to consider various perspectives that foster responsible and humane engagement in local and global communities.
The core curriculum equips students with broad knowledge to prepare them to succeed in their academic studies and future careers. Through the high-quality curriculum, students have the opportunity to reach their intellectual potential, contribute to society in meaningful ways, and face the challenges of an increasingly complex world.

The core curriculum ranges from 32 to 34 credits, depending on the student’s major. Courses are distributed over ten core knowledge areas and aim collectively to provide proficiency in the following ten fundamental skill areas:

- **Written Communication**: Skilled written communication entails the clear, sophisticated, and well-organized development of ideas in a style appropriate to the purpose of the writing. It includes competence in a range of conventions appropriate to different disciplines and audiences and the ability to work with different writing technologies.

  **Learning Objective**: Students will express clear, sophisticated, and well-organized ideas in a style consistent with the purpose of the writing and through conventions appropriate to discipline and the audience.

- **Oral Communication**: Oral communication entails either the formal or informal presentation of information or ideas in clear, compelling, and systematic ways that engage the audience and promote full understanding.

  **Learning Objective**: Students will present information or ideas in clear, compelling, and systematic ways that engage an audience and promote full understanding.

- **Quantitative Reasoning**: Quantitative reasoning entails the skilled application of basic numerical fluency to a wide array of authentic contexts and involves competency in working with numerical data. It includes solving quantitative problems and decoding and evaluating the data presented in charts, graphs, and tables.

  **Learning Objective**: Students will demonstrate numerical fluency in a wide array of authentic contexts and everyday issues by analyzing data presented in charts, graphs, and tables, and creating sophisticated arguments supported by quantitative evidence.

- **Critical Thinking**: Critical thinking is the careful and comprehensive exploration and analysis of issues, opinions, ideas, texts, and events before accepting or formulating a position. It includes understanding facts, evaluating various perspectives and their underlying assumptions, and analyzing a situation within its context.

  **Learning Objective**: Students will carefully and comprehensively understand and analyze issues, opinions, ideas, texts, and events before accepting or formulating a position.

- **Ethical Reasoning**: To engage in ethical reasoning means to think critically about right and wrong human conduct. It requires students to be able to assess their own ethical judgments, the judgments of others, and the prevailing values and norms of their time and place. It includes an open-minded but critical assessment of how different ethical problems might be viewed from various perspectives.

  **Learning Objective**: Students will evaluate their own ethical judgments, the judgments of others, and the prevailing values and norms of their time and place by considering various perspectives and formulating reasoned positions about ethical issues.

- **Information Literacy**: Information literacy is the set of integrated abilities encompassing the reflective discovery of information, the understanding of how information is produced and valued, and the use of information in creating new knowledge and participating ethically in communities of learning.

  **Learning Objective**: Students will identify authoritative information sources based on information needs, design searches strategically to access relevant information, ask questions that lead to new areas of inquiry, and view themselves as contributors to the scholarly conversation.

- **Technological Competency**: Technological competency entails the understanding and use of technologies appropriate to a wide range of personal, professional, and academic contexts. Technologies may involve (but are not limited to) the use of computers, information management, and data or artistic visualization. Technological competency asks students to understand functional, social, and critical implications related to the selection and use of technology.

  **Learning Objective**: Students will demonstrate functional use and/or effective design regarding at least one platform, system, or form of technology.

- **Creative Capabilities**: Creative thinking combines, synthesizes, or analyzes existing ideas, images, or disciplines. It includes thinking, interpreting, and working in an imaginative way characterized by innovation and originality and can involve either the making or appreciation of creative work in various forms.

  **Learning Objective**: Students will combine or synthesize existing ideas, images, or disciplines in original ways either by making or appreciating creative work.

- **Intercultural Knowledge**: Intercultural knowledge is a set of cognitive, affective, and behavioral skills connected to viewing oneself as a member of a world community. It includes exposure to cultural differences others or appreciation of achievements across cultures. It provides the foundation to meaningfully engage with individuals in cultures different from our own, place diverse understandings of social justice in their historical contexts, and adapt empathetically and flexibly to unfamiliar ways of being.

  **Learning Objective**: Students will place diverse understandings of social justice in their corresponding cultural contexts and exhibit an empathic and aesthetic understanding of diverse ways of life.

- **Inquiry and Analysis**: Inquiry is a systematic process of examining objects and events (including natural and social phenomena), theories, issues, and works through the collection and analysis of evidence that results in informed conclusions or judgments. The analysis is the process of breaking complex topics or issues into parts to gain a better understanding of them.

  **Learning Objective**: Students will systematically analyze objects, events, theories, issues, and works through the collection of evidence, and draw informed conclusions about them.

Most students complete the core curriculum requirements during the first two years as preparation for more advanced study within their major during the junior and senior years. The courses are divided into the First-Year Experience and Thematic Clusters.

**First-Year Experience**
- First-Year Seminar
- Post 101
- First-Year Writing (ENG 1 & ENG 2)
- Quantitative Reasoning (Any Math Course)

**Thematic Clusters**
- Scientific Inquiry and the Natural World
- Creativity, Media, and the Arts
- Perspectives on World Cultures
- Self, Society, and Ethics
- Power, Institutions, and Structures
Students select from a variety of courses in these areas. Each of the courses also treats one or two core skills. The following guidelines should be used in selecting courses:

1. Courses in the core curriculum may not be taken on a Pass/Fail basis.
2. Students should develop a plan of study with their Success Coach.
3. Students in the Honors College may take the Honors College courses to satisfy their core curriculum requirements.
4. Transfer students only: Previous college coursework may substitute for core courses with the success coach’s approval.
5. Students who have earned an Associates of Arts or Associates of Science (or prior Bachelor's degree) are considered to have satisfied all core curriculum requirements.

**Core Courses**

(1) First-Year Seminars and Post 101 (4 credits)

Providing an emphasis upon the intellectual transition to college, first-year seminars focus on oral communication and critical reading skills taught in the context of theme-oriented academic courses specifically designed to meet the needs of first-year students. The content of these courses varies by discipline, but each course is limited to twenty students and linked in a learning community with a section of Post 101. First-Year Seminars involve intensive faculty mentoring and provide a source of support and insight to students who are encountering the new responsibilities connected to college life. First-Year Seminars can also be used to fulfill major requirements or can be used as electives, including, in many cases, liberal arts electives.

Post 101 is a one-credit course preparing first-year students for the challenges of college life. It emphasizes engagement with the campus community as a preparation for engagement with the world as an active, informed citizen. Weekly class meetings emphasize a holistic approach to learning and introduce students to the behavior, foundational skills, and intellectual aptitudes necessary for success.

(2) First-Year Writing (6 credits)

All students must satisfactorily complete ENG 1, 2. Students in the Honors College may satisfactorily complete ENG 303, 304 to satisfy this competency.

(3) Post Thematic Core Curriculum (19-20 credits)

The thematic core curriculum is designed to introduce students to fundamental knowledge related to self, society, and the natural world. Students enroll in courses in unique thematic clusters with a wide range of courses from various disciplines. Students take one course from each thematic cluster with a choice to take two from one cluster. Students must take at least one course from the Humanities and the Arts, one from Social Sciences, and one from the Sciences and may not take more than two courses from any one discipline among the thematic clusters. The total number of credits in the thematic clusters may be twenty credits if students elect to take a second laboratory science.

(4) Scientific Inquiry and the Natural World (4 credits)

Courses within Scientific Inquiry and the Natural World introduce students to the systematic process of exploring the natural and physical world. Students will develop their critical thinking and quantitative reasoning skills as they apply to their subject area. They will make observations and ask questions that lead to the formulation of testable hypotheses, analyze information collected, and draw conclusions. Additionally, courses might investigate the ethical, social, or cultural implications of scientific inquiry. Learning goals: Inquiry and Analysis & Quantitative Reasoning. 4 credits are required from one discipline; Astronomy, Biology, Chemistry, Earth Science, Geology, Physics, or Psychology. A 3- or 4-credit course may be taken as a choice in the additional course category.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO 1</td>
<td>Foundations of Biology</td>
<td>4</td>
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<tr>
<td>BIO 2</td>
<td>Foundations of Biology II</td>
<td>4</td>
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<tr>
<td>BIO 7</td>
<td>Human Anatomy and Physiology I</td>
<td>4</td>
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<tr>
<td>BIO 8</td>
<td>Human Anatomy and Physiology II</td>
<td>4</td>
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<tr>
<td>BIO 103</td>
<td>General Biology I</td>
<td>4</td>
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<tr>
<td>BIO 104</td>
<td>General Biology II</td>
<td>4</td>
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<tr>
<td>CHM 1</td>
<td>Introduction to Forensic Chemistry I</td>
<td>4</td>
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<tr>
<td>CHM 2</td>
<td>Introduction to Forensic Chemistry II</td>
<td>4</td>
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<tr>
<td>CHM 3</td>
<td>Principles of Chemistry I</td>
<td>4</td>
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<tr>
<td>ERS 1</td>
<td>Weather and Climate</td>
<td>4</td>
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<tr>
<td>ERS 2</td>
<td>Planet Earth</td>
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<tr>
<td>ERS 3</td>
<td>Oceanography</td>
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<td>ERS 4</td>
<td>Environmental Sustainability Science</td>
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<td>ERS 301</td>
<td>Global Environment I: Atmosphere, Weather, Environment</td>
<td>4</td>
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<tr>
<td>ERS 302</td>
<td>Global Environment II</td>
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<tr>
<td>EVS 4</td>
<td>Environmental Sustainability Science</td>
<td>4</td>
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<tr>
<td>EVS 22</td>
<td>Natural Disasters</td>
<td>4</td>
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<tr>
<td>PHY 3</td>
<td>University Physics I</td>
<td>4</td>
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<td>PHY 4</td>
<td>University Physics II</td>
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<td>PHY 11</td>
<td>College Physics I</td>
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<td>PHY 12</td>
<td>College Physics II</td>
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<tr>
<td>PHY 16</td>
<td>Electricity and Magnetism</td>
<td>3</td>
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<tr>
<td>PHY 40</td>
<td>Electrical Circuits Laboratory</td>
<td>1</td>
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<tr>
<td>PHY 41</td>
<td>Circuit Analysis and Control Theory</td>
<td>4</td>
</tr>
</tbody>
</table>

(5) Creativity, Media, and the Arts (3 credits)

Courses within Creativity, Media, and the Arts ask students to engage with innovation, divergent thinking, and/or synthesis of existing resources to understand generative forms of expression. While any given course may choose to focus on only one aspect of media, the arts, or another disciplinary approach to creating, all courses within this pathway allow opportunities for students to work with or analyze creativity. Additionally, courses may address issues related to creativity such as design, aesthetic experience, embodiment, materiality, and audience reception. Learning Goals: Creative Capabilities & Critical Thinking.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ART 6</td>
<td>3D Visualization and Production</td>
<td>3</td>
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<tr>
<td>ART 31</td>
<td>Ceramics and Ceramic Sculpture in World History and Culture</td>
<td>3</td>
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<tr>
<td>ART 302</td>
<td>Pottery and Ceramic Sculpture 2</td>
<td>3</td>
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<td>ART 101</td>
<td>Interpreting Art in the 21st Century</td>
<td>3</td>
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<tr>
<td>CMA 4</td>
<td>Media Literacy</td>
<td>3</td>
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<tr>
<td>CMA 9</td>
<td>Introduction to Media</td>
<td>3</td>
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<tr>
<td>CIN 10</td>
<td>Screenwriting II</td>
<td>3</td>
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<tr>
<td>CIN 11</td>
<td>History of World Cinema</td>
<td>3</td>
</tr>
</tbody>
</table>
### (6) Perspectives on World Cultures (3 credits)

Courses within Perspectives on World Cultures ask students to engage intellectually and affectively with human cultural experience across space and time. They encourage students to analyze and appreciate the uniqueness of individual cultures by understanding their development as well as the meaning of their cultural artifacts within the locally specific contexts in which they were operative. They might also consider the different forms of interconnectivity between different cultures and regions. Courses in this cluster consider the problem of cultural empathy and provide a sense of the value of understanding and interpreting different cultures on their own terms. **Learning Goal:** Intercultural Knowledge.

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Title</th>
<th>Code</th>
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<tbody>
<tr>
<td></td>
<td>English: Comedies, Histories, Non-Dramatic Poetry</td>
<td>ENG 21</td>
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<td></td>
<td>Shakespeare: Tragedies, Romances</td>
<td>ENG 22</td>
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<td></td>
<td>Autobiographical Transformations: How a Writer Makes Life into Art</td>
<td>ENG 59</td>
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<td></td>
<td>From Fiction Into Film</td>
<td>ENG 69</td>
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<td></td>
<td>Introduction to Creative Writing</td>
<td>ENG 182</td>
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<td>Writing in the Digital Age</td>
<td>ENG 186</td>
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<td></td>
<td>Creative Writing: Experimental Fiction</td>
<td>ENG 189</td>
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<td></td>
<td>Creative Writing: Young Adult Fiction</td>
<td>ENG 193</td>
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<td></td>
<td>Contemporary Italian Art and Media through the Lens of Fashion</td>
<td>ITL 72</td>
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<td>Introduction to Musical Concepts</td>
<td>MUS 1</td>
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<td></td>
<td>Elementary Musicianship</td>
<td>MUS 2</td>
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<td>Aesthetics: The Philosophy of Art and Beauty</td>
<td>PHI 16</td>
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<td></td>
<td>Dreams and the Philosophy of the Unconscious</td>
<td>PHI 29</td>
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<td></td>
<td>Philosophy and Film</td>
<td>PHI 33</td>
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<td></td>
<td>The Art of Theatre</td>
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<td></td>
<td>Introduction to Drama</td>
<td>THE 101</td>
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<td></td>
<td>Shakespeare in Performance</td>
<td>THE 143</td>
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<td></td>
<td>Devised Theatre</td>
<td>THE 193</td>
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<td></td>
<td>The Art of Theatre</td>
<td>THE 360</td>
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<td>Irish American Fiction</td>
<td>ENG 156</td>
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<td>The English Language</td>
<td>ENG 201</td>
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<td></td>
<td>Varieties of English</td>
<td>ENG 202</td>
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<td></td>
<td>World Literature I: From Antiquity to Renaissance</td>
<td>ENG 303</td>
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<td>World Literature II: From the Enlightenment to the Present</td>
<td>ENG 304</td>
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<td></td>
<td>Geography and the Global Citizen</td>
<td>GGR 2</td>
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<td></td>
<td>Human Geography: Man, Environment, Technology</td>
<td>GGR 303</td>
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<td>Human Geography: Cultural/Demographic Environment</td>
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<td>Elementary French: Language and Culture I</td>
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<td>Intermediate French: Language and Culture II</td>
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<td>The West and the World to 1750</td>
<td>HIS 1</td>
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<td></td>
<td>The West and the World since 1750</td>
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<td></td>
<td>American Civilization to 1877</td>
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<td>American Civilization since 1877</td>
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<td></td>
<td>The Ancient World</td>
<td>HIS 5</td>
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<td></td>
<td>The Medieval and Early Modern World</td>
<td>HIS 6</td>
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<td></td>
<td>Medieval Monsters</td>
<td>HIS 14</td>
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<td>Latin America: 1000 A.D. to 1810 A.D.</td>
<td>HIS 25</td>
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<td>Andean History, Culture, and Politics</td>
<td>HIS 29</td>
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<td>Human Rights and Citizenship</td>
<td>HIS 32</td>
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<td></td>
<td>Medieval Magic, Science, and Technology</td>
<td>HIS 46</td>
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<td></td>
<td>Civil War and Reconstruction</td>
<td>HIS 50</td>
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<td>Civ Ancient World to 18th Century</td>
<td>HIS 303</td>
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<td>European History from French Revolution</td>
<td>HIS 304</td>
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<td>Elementary Italian: Language and Culture I</td>
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<td>Elementary Japanese: Language and Culture II</td>
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<td>Music in Western Civilization I</td>
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<tr>
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<td>Music in Western Civilization II</td>
<td>MUS 22</td>
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<tr>
<td></td>
<td>Music in Western Civilization III</td>
<td>MUS 23</td>
</tr>
</tbody>
</table>
Learning Goals: Ethical Reasoning & Critical Thinking.

Courses within Self, Society, and Ethics offer a systematic and critical inquiry into theories of social, political, and economic institutions and human behavior. Students may examine how power is manifest at different levels of society and across time and place. They will consider various theoretical perspectives and configurations of how societies, cultures, politics, and economics change over time. They might investigate the relationship between power and social justice, or power relations operating in race, gender, class, religion, age, sexuality, and other categories of human difference.

Learning Goals: Critical Thinking & Ethical Reasoning.

Courses within Power, Institutions, and Structures offer a systematic and critical inquiry into theories of social, political, and economic institutions and human behavior. Students may examine how power is manifest at different levels of society and across time and place. They will consider various theoretical perspectives and configurations of how societies, cultures, politics, and economics change over time. They might investigate the relationship between power and social justice, or power relations operating in race, gender, class, religion, age, sexuality, and other categories of human difference.

(8) Power, Institutions, and Structures (3 credits)

Courses within Power, Institutions, and Structures offer a systematic and critical inquiry into theories of social, political, and economic institutions and human behavior. Students may examine how power is manifest at different levels of society and across time and place. They will consider various theoretical perspectives and configurations of how societies, cultures, politics, and economics change over time. They might investigate the relationship between power and social justice, or power relations operating in race, gender, class, religion, age, sexuality, and other categories of human difference.

Learning Goals: Critical Thinking & Ethical Reasoning.
Beyond the required first-year composition sequence (English 1 and 2), students must produce substantial written work throughout their academic careers, taking courses defined as “writing intensive” offered by departments in LIU Post’s colleges and schools. These courses are designed to build upon the skills and rhetorical strategies developed in the first-year composition, adapting them to the specific expectations of each academic field. Students are required to take English 1 and 2 and at least three writing-intensive courses, preferably one each in the sophomore, junior, and senior years.

A student who takes eight or more writing-intensive courses (including the first-year composition) and achieves at least a cumulative GPA in those courses of 3.60 or higher will receive a Certificate of Achievement in Writing Intensive Studies.

If they have completed the required six-credit first-year composition sequence or its equivalency, transfer students take one writing-intensive course for each year of residence; transfer students entering as freshman or sophomores (59 credits or fewer) take three writing-intensive courses (in addition to ENG 1 and 2); transfer students entering as juniors (60 to 89 credits) take two writing-intensive courses (in addition to ENG 1 and 2); transfer students entering as seniors (90 credits and above) take one writing-intensive course (in addition to ENG 1 and 2).

Transfer students must have completed the six-credit first-year writing sequence or its equivalency in addition to their other writing-intensive course requirements to fulfill the WAC requirement for graduation. Transfer equivalencies for ENG 1 and ENG 2 may not be used to meet additional remaining WAC requirements.

Requirements for Transfer Students

1. Students transfer to LIU Post as “core complete” if they have received A.A. or A.S. degrees from accredited institutions granting liberal arts degrees. Students with degrees from technical institutions would not qualify as core complete.

2. No student who transfers to LIU Post without an approved A.A. or A.S. degree may graduate without a minimum of:
   a. Math - 3 credits
   b. Science - 4 credits
   c. Humanities and Arts - 3 credits
   d. Social Sciences - 3 credits
   e. First-Year Writing (ENG 1 and 2) - 6 credits

Humanities and the Arts designations include:
ENG, PHI, WLT, ART, MUS, THE, CIN, CMA, and all Foreign Languages designations

Social Science designations include:
ANT, ECO, GGR, POL, PSY, SOC, HIS

Science designations include:
AST, BIO, CHM, ERS, GLY, PHY, and PSY (Laboratory Courses)

3. For transfer students, non-equivalent (NE) disciplinary courses can count toward a cluster as long as that disciplinary designation is present in the cluster.

4. Students who transfer to LIU Post with less than 24 completed college credits must satisfy standard (freshman) core curriculum requirements.

5. Students who transfer to LIU Post with less than 24 completed college credits must complete a First-Year Seminar and Post 101.

6. No two-credit courses in transfer may be applied to the core without department consent and Academic Standing Committee approval. Three-credit science courses in transfer must have a laboratory component to be applied to the core laboratory science requirement.

Writing Across the Curriculum

LIU Post’s Writing Across the Curriculum (WAC) program is based on the premise that thought and language are aligned – that one cannot properly claim to know any subject matter unless one can organize clear and coherent statements about it. In keeping with this belief, the program aims to ensure that all graduates can write persuasively in a disciplinary appropriate manner and employ writing as a means to further intellectual and professional efforts.
Enrollment

Students are eligible to enroll in courses at the University if the following criteria have been met:
• Must be a current/active student
• Must be in good financial standing with the University.
• Must be academically eligible to continue in their program
• Must have satisfied all Admissions requirements

Students must adhere to the following deadlines for enrollment:
• Enrollment should be completed by the end of the drop/add period for each term, as defined in the academic calendar which is published in the catalog and available online at https://liu.edu/enrollment-services/registration.academic-calendar. For Fall and Spring full-semester courses, the drop/add period is the first two weeks of the semester
• If extenuating circumstances exist, permission for late enrollment must be secured by each course instructor, department chair, and dean within 2 weeks following the drop/add period as described above. All required signatures must be secured on an enrollment card and submitted to Enrollment Services.
• Students are not permitted to enroll beyond the fourth week of the term. Students are not permitted to continue attending classes for which they are not enrolled beyond the fourth week of the term. Under no circumstances is retroactive enrollment beyond the fourth week of the term permitted.

Students are eligible to select and register for classes through their My LIU (my.liu.edu) account. Students with academic and financial restrictions may not be able to register online and should meet with their success coach.

The Division of Student Affairs disseminates registration communications to all students via LIU email before the start of the summer/fall and the winter/spring semester registration periods. Registration dates are also noted on the academic calendar and the My LIU account under “Enrollment Dates”. Students are encouraged to meet with their Success Coach before the start of the registration period to plan their academic semester schedule.

Adding or Dropping Courses

Adding courses: Students may add classes to their schedules through their MyLIU portal during the online registration period. Online registration ends after the second week of classes for the fall and spring terms. Nontraditional terms and sessions will have customized add dates. See the University’s Tuition Liability Policy for additional details. Some classes may be blocked for online registration because they require department approval. If online registration is unavailable, the student must submit a completed Enrollment Change Form to the Office of Enrollment Services with approval signatures. Please see the section on Departmental Consent below for additional information.

Beginning with the third week of classes, course additions require the approval of the following persons and/or departments before the Office of Enrollment Services will process the change:
• Instructor (required)
• Dean or Department Chairperson (required)
• Student Financial Services (for changes in cost of attendance or enrollment status)

All course enrollment for full-semester courses must be completed by the end of the fourth week of the term. Enrollments after that time is not permitted. Retroactive enrollment for courses from a prior term is not permitted under any circumstance.

The following course enrollments require special administrative or departmental consent:
• Restricted Courses: occurs if the department has restricted enrollment in a course. The student must obtain either a course permission code or signature from the instructor, department chair, or dean, as defined by the academic department.
• Credit Overloads: occurs at the career level: when a student would like to add a course(s) that will take him/her over 19 credits for undergraduates and 12 credits for graduates for the semester. Full-time undergraduate students who add credit hours over 18 will be charged additional fees for those excess hours. Students wishing to enroll in an overload must obtain the signature of the advisor and chair as defined by the academic department.
• Closed Courses: occurs when there are no seats available in the course. The student must obtain the signature of the course instructor and department chairperson.
• Time Conflicts: occurs when two courses take place during the same or overlapping time period. The student must obtain the signature of both instructors and the department chairperson for each course.
• Requisite Overrides: occurs when the student does not have the required pre- or co-requisite for the course. The student must obtain the signature of the instructor and department chairperson.
• Service Indicator Overrides: occurs when a student has a hold on their account that prevents them from engaging in an enrollment activity. Students are advised to check for registration holds on their MyLIU portal.

Drop and/or Withdrawal from Courses Policy and/or Appeals Policy for additional details. Students receiving Veterans benefits should meet with the Veteran’s Certifying Official to determine if drops will affect their current and future benefits when they; add or drop any course, withdraw from or terminate enrollment at the University.

Drops that change a student’s enrollment status from full-time to part-time, or from full-time or part-time to below half-time. Students will have their financial aid canceled if the student drops all courses and does not incur any liability, or fails to meet satisfactory academic progress standards as a result of the cancellation of enrollment. Financial aid for future terms will also be canceled. See the Drop and/or Withdrawal from Courses Policy and the Satisfactory Academic Progress Policy for additional details. Students receiving Veterans benefits should meet with the Veteran’s Certifying Official to determine if drops will affect their current and future benefits when they; add or drop any course, withdraw from or terminate enrollment at the University.

Drops after the add/drop period must be officially processed as a partial or full withdrawal. Please see Withdrawal Policy and/or Appeals Policy for additional details.

The following course drops may require special administrative or departmental consent as follows:
• Co-Requisite Overrides: occurs when the student is attempting to drop a course that is a
Withdrawal

Students are able to withdraw from course(s) after the end of the drop/add period. An official withdrawal refers to an action taken by a student to discontinue enrollment in the course. The course is recorded on the transcript with a grade of W.

- Partial Withdrawals. When a student withdraws from one or more courses, but remains enrolled in at least one course.
- Complete Withdrawals. When a student drops or withdraws from all of his/her courses in a current term. This can occur at one time or over a period of time within a term.

An unofficial withdrawal refers to a student who fails to attend or ceases to attend one or more classes before the withdrawal deadline detailed in the academic calendar but doesn’t take appropriate action to officially withdraw from the class/university. Since no official withdrawal was completed, faculty can assign a grade of NC (No Credit earned) or F at their discretion.

Students may officially withdraw from one or more courses through the 10th week of the term for full-term courses during the fall and spring semesters.

Students may officially withdraw from Summer Session courses or courses meeting for shorter sessions within regular fall/spring semesters according to the schedule below:

- 12 week sessions – withdrawals permitted through the 3rd day
- 10 week sessions – withdrawals permitted through the 7th day
- 7 week sessions – withdrawals permitted through the 4th week
- 6 week sessions – withdrawals permitted through the 3rd week
- 5 week sessions – withdrawals permitted through the 3rd week
- 4 week sessions – withdrawals permitted through the 7th day
- 2 week sessions – withdrawals permitted through the 7th day

The effective date of withdrawal for a student who withdraws is the earlier date of:
- the date the student began the withdrawal process; or
- the date the student otherwise provided the University with official notification of the intent to withdraw; or
- the date the institution becomes aware the student ceased attendance; or
- the midpoint of the payment period or period of enrollment for which Title IV assistance was disbursed if the student ceases to attend without official notification and withdrawal.

Tuition Liability and Refunds: Refunds for room and board, tuition and fees will depend on when the student withdraws from courses.
- For official withdrawals, the effective date of the withdrawal will determine the student tuition liability due or refund due to the student.
- For unofficial withdrawals, the student is responsible for all associated tuition charges and fees.

Transcripts and Grades: Transcript grades will depend on when the student withdraws from courses.
- For official withdrawals, a grade of W will be assigned for the course or courses and will appear on the student's transcript.
- For unofficial withdrawals, a grade of NC or F will be assigned for the course or courses and will appear on the student's transcript.

For both official and unofficial withdrawals, credits for the course or courses will be considered attempted but not earned.

Withdrawn courses or NC (No credit earned) grades do not affect a student’s grade point average.

Students who change their enrollment status from full-time to part-time, or from full or part-time to below half-time, due to a partial drop or withdrawal, may have their federal, state, and/or University aid adjusted. The University may also be required to report the student’s change in enrollment status to lenders, which can trigger the repayment of student loans. Students will be notified in these cases via writing.

Students will have their financial aid canceled if the student drops all courses and does not incur any liability, or fails to meet satisfactory academic progress standards as a result of the withdrawal. Financial aid for future terms may also be canceled. See Appeals for Late Drop or Withdrawal of Courses Policy and Satisfactory Academic Progress Policy for additional details.

The University is required to return funds for students who stop attending all courses before completing 60% of the term. The student will be notified by mail of the unearned amounts returned to the federal financial aid programs. The return of federal funds may result in a balance due to the University, particularly if the student previously received and cashed a refund check. See Return of Federal Funds Policy for additional details.

Students residing on-campus housing must notify the Office of Residence Life within 48 hours of the effective withdrawal date. Students who drop or withdraw from a future term must vacate their campus housing after completion of finals. Room and board charges must be cancelled through the Office of Residence Life. Liability for these charges will be assessed at the time of cancellation.

Students who withdraw from all courses may be subject to readmission according to the University’s Readmission Policy. Students who withdraw from the university must be in good financial standing in order to register for future classes or have access to their official and unofficial transcripts.

In accordance with National Collegiate Athletic Association (NCAA) regulations, all intercollegiate athletes must notify the Athletic Department and Office of Admissions when partially or fully withdrawing from the University.

In accordance with the U.S. Department of Veterans Affairs (VA) regulations, students receiving veteran’s benefits must notify the VA Certifying Official in Office of Enrollment Services when partially or fully withdrawing from the University.

Appeals for Late Drop or Withdrawal from Courses

A student may appeal for permission to drop or withdraw from a course outside of the timeframes establish in the Adding or Dropping Courses Policy. The appeal may be made in person, by fax, or email by submitting a signed and completed Student Appeal Request Form along with the required documentation to Enrollment Services. All appeal requests must be submitted by the student. Appeals submitted by a parent, legal guardian or spouse will be accepted only if the student is incapacitated.

REQUIRED DOCUMENTATION
- A written statement from the student: must clearly state the request, the reason for the request and the type of resolution they are seeking. The
Any interested student must:

- Meet the undergraduate and graduate success coach and by the appropriate department chairperson and dean.

**Maintenance of Matriculation**

It is expected that students will fulfill the requirements for the degree by registering over successive semesters (excluding summer sessions), by attending classes, filing for a Leave of Absence, or by maintaining matriculation. A fee must be paid for each term in which a student maintains their matriculation.

Students approved for maintenance of matriculation can avail themselves of campus facilities and services (e.g., computer labs, library privileges). 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 a Success Coach or Enrollment Services representative for maintenance of matriculation prior to or during the registration period in a given semester. This matriculation status will be recorded on students’ records as a "class" for zero credits.

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.

Students who do not properly maintain their matriculation must apply for readmission to their academic program in accordance with procedures set forth in the academic catalogs.

**Leave of Absence**

LIU permits students to interrupt their studies when appropriate. If granted, a leave of absence allows a student to continue under the requirements in effect when he/she was initially admitted.

A student who wants to interrupt their studies at the University for a temporary period (up to one year) may maintain degree status and ensure that his/her degree requirements will remain the same by taking a leave of absence. A degree candidate who is granted a leave of absence does not need to be readmitted to the University upon returning to their program of study. Students are not permitted to attend another college or university while on an official leave of absence. No financial aid or additional fees will be assessed during the leave of absence period.

A student must meet the following requirements to be eligible for a leave of absence:

- Be a degree-seeking undergraduate or graduate student
- Be registered for the semester immediately prior to the beginning of the Leave of Absence
- Be academically eligible to enroll (i.e., has not been academically suspended or dismissed)
- Have no holds (i.e. disciplinary or financial) which would restrict registration
- Submit a formal written and signed Leave of Absence application form, which specifies the reason for the student’s leave
- Graduate students and students in certain cohort-based programs require department/dean approval to be indicated on the Leave of Absence form. A Leave of Absence Application must be submitted to Enrollment Services prior to the start of the term for which the leave is requested. If a student has already enrolled for the semester for which a leave is being requested, they must drop all courses; if they do not, their courses will automatically be dropped upon approval of the Leave of Absence.

Leaves of Absence are granted for future terms only, and are not granted retrospectively or in the middle of a term. In such exceptional cases where unforeseen circumstances occur after the start of a term, students are permitted to officially withdraw from the University according to the University's Official Withdrawal policy and appeal any charges assessed to their accounts, or receive incomplete grades that can be made up with the instructor(s). In all such cases where an official leave of absence is not granted, the University is required to perform a return of federal funds calculation for students receiving Title IV federal financial aid.

Federal student loan guidelines mandate that a student must return from an approved leave of absence within 180 days from the start date of the approved leave. When a student fails to return from a leave of absence, the student’s withdrawal date will be reported to the National Student Clearinghouse and NSLDS as the date the student began the leave of absence. Upon returning from a leave of absence, the student may register for classes accordingly.

International students should know that immigration regulations may prohibit those who have been granted such a leave from maintaining their visa status.

**Auditing Courses**

Selected classes may be audited on a non-credit basis. Auditing status must be elected at the time of registration for the class. No grade or credit is awarded for courses that are audited. Please note: The laboratory component of all science courses cannot be audited, nor any independent study/individual instruction classes.
Life Experience Credit

Life Experience Credit (LEC) is credit given in recognition of knowledge obtained in some way other than study in a two or four year accredited college. The knowledge must be equivalent to what would be learned in a LIU Post undergraduate course, and the applicant must be able to demonstrate such knowledge. It is the learning, not the experience itself, for which credit is awarded.

LIU undergraduate degree candidates who have completed at least six (6) undergraduate credits may be eligible for LEC. LIU graduate degree candidates may be eligible to apply for undergraduate LEC that is a prerequisite to acceptance in, or graduation from, a program leading to a graduate degree, or required for professional certification in the candidate’s graduate area. To be eligible, a student must have completed six credits in a graduate degree program at LIU.

The evaluator who determines LEC is a faculty specialist in the field; the evaluator decides what method of demonstration is appropriate; what evidence is necessary; and how much evidence is required to make a decision.

If Life Experience credit is approved, the student is notified to pay a fee of $250 per credit granted. Once the fee is paid at Enrollment Services, the University Registrar’s office posts the credits to the student's record.

The following additional criteria apply to the awarding of LEC:

- LEC is not awarded for Accounting, English Composition or Criminal Justice courses.
- A maximum of six (6) LEC credits will be awarded in foreign language.
- Students may not use LEC earned in a foreign language to fulfill a core curriculum requirement.
- The number of credits granted through LEC for a baccalaureate degree may not exceed 60. If a student also earns CLEP credit, the maximum combined LEC and CLEP credits may not exceed 60.

Transcript Requests

Official transcripts for professional and graduate schools, prospective employers, and other institutions must be requested and authorized by the student. The university adheres to the Family Education Rights and Privacy Act of 1974. A student's record will not be released without prior consent from the student.

To request an official transcript the following procedures apply:

- Currently Enrolled Students - Login to the My LIU portal and select “Order Transcripts Online.” Cost: $15.00 per transcript.
- Alumni or students not currently enrolled can order transcripts online through Parchment at www.parchment.com. You can submit a transcript request 24 hours/day, 7 days/week. Be assured that Parchment uses current web encryption technology and your information is secure. Cost: $15.00 per transcript.
- In-Person “On Demand” transcripts- Students may come to the campus Enrollment Services Office, show picture ID, and official transcripts can be printed on the spot. Cost: $25.00 per transcript.

Students who wish to release their transcripts to a third party for pick up must provide signature authorization for that request. The third party will be required to show a photo id.

Additional Administrative Policies

Changes to Academic Records

Students have until the time of their graduation to have changes made to their academic records. Once a student has graduated, the academic record is frozen and cannot be changed retroactively.

Failure to Fulfill All Non-Academic Requirements

Students failing to fulfill all non-academic requirements (tuition, fees, library obligations, etc.) will be denied subsequent services, including issuance of diplomas.

Course Cancellations

The university reserves the right to cancel undersubscribed courses. When it does so, there is no fee charged to the student.
## TUITION AND FEES

### Tuition and Fee Schedule

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Fee (non-refundable)</td>
<td>$ 50</td>
</tr>
<tr>
<td>Tuition Deposit (non-refundable)</td>
<td>$ 200</td>
</tr>
<tr>
<td>Bachelor’s Degree and Undergraduate Studies, 12-18 credits, per term</td>
<td>$ 19,342</td>
</tr>
<tr>
<td>Bachelor’s Degree and Undergraduate Studies, per credit</td>
<td>$ 1,207</td>
</tr>
<tr>
<td>Undergraduate Audit Fee, per credit</td>
<td>$ 604</td>
</tr>
<tr>
<td>Dining Dollars, 9+ credits, per term</td>
<td>$ 75</td>
</tr>
<tr>
<td>University Fee:</td>
<td></td>
</tr>
<tr>
<td>12+ credits, per term</td>
<td>$ 1,017</td>
</tr>
<tr>
<td>Less than 12 credits, per term</td>
<td>$ 509</td>
</tr>
<tr>
<td>Testing and Lab Fee:</td>
<td></td>
</tr>
<tr>
<td>Nursing BS, per term</td>
<td>$ 450</td>
</tr>
<tr>
<td>Nutrition &amp; Dietetics BS, per term</td>
<td>$ 100</td>
</tr>
<tr>
<td>Course Fees (additional fee per class):</td>
<td></td>
</tr>
<tr>
<td>MUS (Private Instruction)</td>
<td>$ 475</td>
</tr>
<tr>
<td>PE 116, 117, 118, 167</td>
<td>$ 600</td>
</tr>
<tr>
<td>RDT 155L</td>
<td>$ 200</td>
</tr>
<tr>
<td>Academic Resource Center, per term</td>
<td>$ 2,250</td>
</tr>
<tr>
<td>High School Scholars, per course</td>
<td>$ 290</td>
</tr>
<tr>
<td>Other Fees:</td>
<td></td>
</tr>
<tr>
<td>Orientation Fee (freshman fee; non-refundable)</td>
<td>$ 275</td>
</tr>
<tr>
<td>Orientation Fee (transfer fee; non-refundable)</td>
<td>$ 75</td>
</tr>
<tr>
<td>Late Registration Fee</td>
<td>$ 50</td>
</tr>
<tr>
<td>First and Second Late Payment Fee</td>
<td>$ 100</td>
</tr>
<tr>
<td>Third Late Payment Fee</td>
<td>$ 150</td>
</tr>
<tr>
<td>Maintenance of Matriculation Fee</td>
<td>$ 100</td>
</tr>
<tr>
<td>Returned Check/Credit Card Chargeback Fee</td>
<td>$ 25</td>
</tr>
<tr>
<td>Replacement Student ID Card</td>
<td>$ 25</td>
</tr>
<tr>
<td>Diploma Replacement Fee</td>
<td>$ 35</td>
</tr>
<tr>
<td>Official Transcript, on-demand, per request</td>
<td>$ 25</td>
</tr>
<tr>
<td>Official Transcript, online, per request</td>
<td>$ 15</td>
</tr>
<tr>
<td><strong>Total Tuition and Fee</strong></td>
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<td><strong>Official Transcript, online, per request</strong></td>
<td>$ 15</td>
</tr>
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</table>

**Intersession Rate:**
- Per week: $346

### Housing and Meal Plan Schedule

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing Deposit (non-refundable)</td>
<td>$ 300</td>
</tr>
<tr>
<td>Single Room</td>
<td>$ 9,187</td>
</tr>
<tr>
<td>Single Room*</td>
<td>$ 9,437</td>
</tr>
<tr>
<td>Medical Single Room</td>
<td>$ 5,250</td>
</tr>
<tr>
<td>Medical Single Room*</td>
<td>$ 5,500</td>
</tr>
<tr>
<td><strong>Total Housing Deposit</strong></td>
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</tr>
<tr>
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<tr>
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</tr>
<tr>
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<td>$ 5,500</td>
</tr>
<tr>
<td><strong>Total Housing and Meal Plan</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Summer Accommodations (per session):**
- Single Room: $2,467
- Double Room: $1,837

**Fall/Spring Meal Plans (per term):**
- Residential Plan 1 (unlimited meals/ $300 dining dollars): $2,938
- Residential Plan 2 (14 Weekly Meals/ $300 dining dollars): $2,695
- Residential Plan 3 (10 Weekly Meals/ $300 dining dollars): $2,441
- Dining Dollars+ Plan ($200 additional dining dollars): $200
- Commuter Plan 1 (25 meals & $50 dining dollars): $260
- Commuter Plan 2 (50 meals & $50 dining dollars): $416

All resident students are required to participate in a meal plan. Dining dollars can be used at the point of sale locations across the campus.
Payment Plans

The University offers students and families the ability to pay your tuition bill in installments using our online payment plan system. These plans can help families budget the cost of tuition and fees by spreading out the cost over several payments each term. Enrolling in a payment plan is easy - simply log into the LIU Payment Gateway, enroll in a plan, and make the necessary down payment. You can pay online using a credit card or e-check, knowing your information is secured by industry-leading security features. The payment plan system will automatically notify you if your installments increase or decrease due to changes in your student account.

The University offers the following payment plans each semester:

<table>
<thead>
<tr>
<th></th>
<th>Fall Monthly Payment Plan</th>
<th>Spring Payment Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment Fee</td>
<td>$35</td>
<td>$35</td>
</tr>
<tr>
<td>Enrollment Dates</td>
<td>June 1 - September 15 (Late enrollment through October 31)</td>
<td>December 1 - February 15 (Late enrollment through March 31)</td>
</tr>
<tr>
<td>Balance Calculation</td>
<td>All applicable charges, less any approved financial aid. Your plan will automatically recalculate if changes are made to your student account.</td>
<td></td>
</tr>
<tr>
<td>Payment Structure</td>
<td>The payment structure will be equal installments based on the enrollment date of the plan. Your last installment may not be due later than the last month of the semester.</td>
<td></td>
</tr>
<tr>
<td>Down Payment</td>
<td>15%-50% (depending on date of enrollment)</td>
<td></td>
</tr>
<tr>
<td>Late Payment Fee</td>
<td>$25 if payment is not received within 7 days of the scheduled due date.</td>
<td></td>
</tr>
<tr>
<td>Payment Methods</td>
<td>Mastercard, Visa, American Express, Discover, or ACH; auto deduction options are also available.</td>
<td></td>
</tr>
<tr>
<td>How to Enroll</td>
<td>Log into your MyLIU account and select &quot;Make a Payment.&quot; Then log into the LIU Payment Gateway and select &quot;Payment Plans.&quot;</td>
<td></td>
</tr>
<tr>
<td>Authorized User Access</td>
<td>Yes. You must first set up an authorized user using their email account. You may have more than one authorized user.</td>
<td></td>
</tr>
</tbody>
</table>
Refunds are issued to a student’s Student Financial account and are first
A refund will be initiated upon completion of the cancellation process.

<table>
<thead>
<tr>
<th>3rd Calendar Week</th>
<th>50%</th>
<th>No Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd Calendar Week</td>
<td>75%</td>
<td>25%</td>
</tr>
<tr>
<td>1st Calendar Week</td>
<td>90%</td>
<td>60%</td>
</tr>
<tr>
<td>Withdrawals during</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fall/Spring</td>
<td>90%</td>
<td>60%</td>
</tr>
<tr>
<td>Summer</td>
<td>No Refund</td>
<td>No Refund</td>
</tr>
</tbody>
</table>

Refund eligibility for residence halls rooms are determined according to the
completed all of the following requirements:
• Submits the Residence Hall Cancellation Form
• Vacates and removes all personal belongings from their assigned room
• Properly checks out with residence hall staff

Refund eligibility for residence halls rooms are determined according to the
schedule below:

<table>
<thead>
<tr>
<th>Withdrawals during</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>
<td>75%</td>
<td>25%</td>
</tr>
<tr>
<td>3rd Calendar Week</td>
<td>50%</td>
<td>No Refund</td>
</tr>
<tr>
<td>4th Calendar Week</td>
<td>No Refund</td>
<td>No Refund</td>
</tr>
</tbody>
</table>

A refund will be initiated upon completion of the cancellation process. Refunds are issued to a student’s Student Financial account and are first
applied to any outstanding balance before being credited back to a student. Meal plans are not eligible for a refund once the semester begins.

Students who are restricted from the residence halls or removed from housing due to violations of the Student Code of Conduct or other policies of Long Island University are not eligible for a residence hall refund.

**Student Billing and Collection Policy**

The University takes all necessary and reasonable collection efforts to ensure that outstanding and overdue accounts are accurate and paid in accordance with the following:
• The University deals with all students in a fair and equitable manner and will be professional and accountable in all interactions with our students.
• The University is consistent in its billing and collections actions and the application of University payment policies. The process for the collection of outstanding accounts is standardized and comprised of a series of e-mails, notices, and telephone calls informing students of the status of their accounts.
• Under New York State Law S.5924-C/A.6938-B, the University may not withhold official transcripts from students.
• The University may withhold diplomas or may not allow future registration for students with outstanding accounts receivable.
• The University works with students to resolve all outstanding bills and makes efforts to keep collections in-house.
• The University places difficult to collect accounts with external licensed collection agencies, all of whom are reputable and respectful of applicable legislation, codes of conducts and the privacy of information. Accounts are sent to collections only after all other efforts have been exhausted and the student is no longer in attendance.

The Office of Student Financial Services assumes the following roles and responsibilities with regard to this policy:
• establishes a collection policy and the escalating nature of the collection process.
• clearly articulates and publishes the collections policy on the University’s web site and in student publications and guides so that students and families are informed of the repercussions of non-payment.
• ensures that oversight and monitoring of external collection agency relationships exist and are maintained.
• ensures that collection agency staff do not gather, retain or disclose information about any student in contravention of any federal, state, or local laws or statutes.
• tenders new collection agency services through a competitive bidding process. New placements to collection agencies are based solely upon the successful recovery of outstanding amounts due.

The University places difficult to collect accounts with external licensed collection agencies, all of whom are reputable and respectful of applicable legislation, codes of conducts and the privacy of information. Accounts are sent to collections only after all other efforts have been exhausted and the student is no longer in attendance.

The Office of Enrollment Services assists the following roles and responsibilities with regard to this policy:
• ensures established protocol and standardized business processes are in place for the collection of outstanding overdue amounts and that all collection activities are undertaken within an approved collection business processes, guidelines and accepted code of ethics.
• ensures all efforts to collect overdue accounts have taken place before an account is placed with an external collection agency.
• identifies accounts that should be managed in house and not be placed with external agencies.

Students who have previously filed bankruptcy or have a current open bankruptcy claim are covered by the period of automatic stay. Students who have an open bankruptcy claim or who have previously had debt forgiven by

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Student Health Insurance Policy

Long Island University requires all residential, clinical, intercollegiate athletes, and international students to maintain health insurance. The University sponsors a Student Health Insurance Plan with below-market rates that provides students with health coverage at school, at their permanent residence, and while traveling or studying abroad. The plan is fully compliant with Federal Health Care Reform and provides students access to a network of doctors, hospitals, and pharmacies. All eligible students are automatically enrolled in the University-sponsored Plan, but may waive their participation by providing evidence of coverage under a family plan or other policy that meets or exceeds coverage set forth in the University-sponsored Plan. Additional information regarding LIU’s Student Health Insurance Plan can be found on the University’s website: https://liu.edu/enrollment-services/tuition-fees/student-health-insurance

Third Party Payment Policy

The University allows third-party bill clearance to accommodate delays in receiving payments or for those entities that required the submission of completed grades for the term prior to the release of funds. In order for the University to recognize an anticipated third-party payment for a student’s tuition, fees and/or other charges, written authorization is required on corporate letterhead. All letters are subject to review by the Office of Enrollment Services and must include the following information:

- Student name
- Student ID and/or social security number
- Term or academic year covered
- Number of credits or coursework covered
- Dollar or percentage limit of total charges (if applicable)
- Sponsoring company’s name, billing address, contact name, telephone number and e-mail address.

Students must submit the written authorization described above in person to the Office of Enrollment Services, along with a completed Third-Party Payment Form and payment for any remaining balance. The University will place a student in good financial standing for the term if the student presents written authorization from a third party or sponsoring company that intends to make payment on their behalf.

Tuition and Fees Liability and Refund Policy

By registering for courses at LIU, a student enters into a legally-binding contract to pay all tuition and fees, including any non-refundable fees. A refund of tuition depends on when a student drops classes and whether the student adds other classes. Whether a student withdraws from a single course or withdraws from the University completely, refunds are directly tied to the University Academic Calendar as published on the LIU website.

To be eligible for a refund of tuition, program fees, and mandatory fees, students must drop courses by the specified refund dates published for each semester in the Academic Calendar. Sessions with beginning or ending dates different from the standard term schedule will have refund schedules specific to each session. Class start and end dates will identify the proper refund calendar to follow.

Tuition liability is the amount of money a student owes the University for tuition, fees, room, board, and miscellaneous charges based on the student’s expected presence or participation in University activities. The following criteria apply to tuition liability:

- Zero liability results when a student properly drops or officially withdraws from classes in accordance with University policy prior to the start of the term or during the drop/add period. During zero liability, refunds will be processed and charges removed for tuition and all fees.
- Partial liability results when a student properly drops or officially withdraws from classes after the drop/add period. The amount due to the University will be prorated according to the published session liability schedule, and partial refunds will be processed.
- 100 percent liability results when a student is liable in full to the University for all tuition, fees, room, board, and miscellaneous charges. During 100 percent liability, no refunds will be processed and payment is due in full at the time of withdrawal.

Students are expected to pay for their classes in a timely manner, and must understand and follow the correct procedures to withdraw from classes. Non-attendance and/or non-payment do not constitute official withdrawal from the University. The calculation of tuition and fee liability, if any, is based on the date of the student’s official withdrawal or drop in accordance with University’s Adding or Dropping Courses Policy and Withdrawal from Courses Policy. The University offers tuition insurance for all registered students, which can be purchased directly through the University each term.

Room and board charges must be cancelled through the Office of Residence Life. Liability for these charges will be pro-rated based on occupancy dates and assessed at the time of cancellation. Student health insurance charges cannot be refunded once the policy has been utilized (e.g., a claim has been filed on behalf of the student).

The University develops and publishes tuition liability schedules by term that are clear and consistently applied.

For withdrawals during traditional fall and spring terms:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Liability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>0%</td>
</tr>
<tr>
<td>Week 2</td>
<td>25%</td>
</tr>
<tr>
<td>Week 3</td>
<td>50%</td>
</tr>
<tr>
<td>Week 4</td>
<td>75%</td>
</tr>
<tr>
<td>Week 5+</td>
<td>100%</td>
</tr>
</tbody>
</table>

For withdrawals during summer and other sessions seven weeks or greater:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Liability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>0%</td>
</tr>
<tr>
<td>Week 2</td>
<td>50%</td>
</tr>
<tr>
<td>Week 3+</td>
<td>100%</td>
</tr>
</tbody>
</table>

For withdrawal during summer and other sessions three to seven weeks:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Liability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day 1-3</td>
<td>0%</td>
</tr>
<tr>
<td>Day 4-5</td>
<td>50%</td>
</tr>
<tr>
<td>Day 6+</td>
<td>100%</td>
</tr>
</tbody>
</table>

For withdrawal during winter and other sessions two weeks or less:

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Liability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day 1</td>
<td>0%</td>
</tr>
<tr>
<td>Day 2</td>
<td>50%</td>
</tr>
<tr>
<td>Day 3+</td>
<td>100%</td>
</tr>
</tbody>
</table>

Students requesting a review of tuition and fee liability must complete the
University’s Student Appeals Form in accordance with University policy and submit all required supporting documentation. Students who withdraw with liability and have purchased tuition insurance can file a claim with the University after withdrawing to recoup the insured amount.
FINANCIAL AID

Long Island University awards financial aid to help students meet the difference between their resources and the cost of education. All awards are subject to the availability of funds and the student’s demonstrated need. Renewal of assistance depends on the annual reevaluation of a student’s need, the availability of funds, the successful completion of the previous year, and satisfactory progress toward completion of degree requirements. In addition, students must meet the published filing deadlines. Detailed information on financial aid is forwarded with the admission application and is also available on the Enrollment Services website at www.liu.edu/enrollment-services.

University scholarships or fellowships may be granted by themselves or in conjunction with federal and/or state aid, including scholarships, loans, and work-study. To receive the maximum amount of aid, students must apply for financial aid by the appropriate deadline.

It is the student’s responsibility to supply correct, accurate, and complete information and to notify immediately of any changes or corrections in their financial situation, enrollment status, or housing status, including tuition remission benefits, outside scholarships, and grants, and state-sponsored prepaid college savings plans.

A student who has received a financial aid award must inform Enrollment Services if they subsequently decide to decline all or part of that award. Failure to do so may prevent the use of the award by another student. If a student has not secured their award by the close of the drop/add period, the award may be canceled, and the student may become ineligible to receive scholarship or fellowship aid in future years. Determination of financial need is also based on the student’s enrollment status – a change in registration therefore may result in an adjustment to their financial aid.

Applying for Financial Aid

Students must submit the Free Application for Federal Student Aid (FAFSA), and New York State residents must also complete the New York State Tuition Assistance Program (TAP) application. The TAP application is available on the web when a student completes the FAFSA online. The FAFSA (available online at www.fafsa.gov) is the basic form for all student aid programs. Be sure to complete all sections.

Awards

UNIVERSITY-SPONSORED AND ADMINISTERED PROGRAMS

Through the generosity of its alumni and other concerned donors, as well as from funds supplied by the federal government, the University can provide an extensive financial aid program for its students. Awards are competitive and based on academic achievement, test scores, and, in most cases, financial need.

SCHOLARSHIPS AND GRANTS

Long Island University maintains an extensive program of scholarships and grants-in-aid based on academic merit and demonstrated financial need. Awards are made during the admissions process. Institutional scholarships may be combined with government-supported grants and loans into a single financial aid package. Scholarships and grants are normally applied to tuition charges; they can range from $500 to full tuition and do not require repayment.

Long Island University’s scholarship programs are designed to reward students who demonstrate outstanding academic achievement. We are committed to providing you with an affordable, high-quality education. Awards are given to students who demonstrate academic achievement, athletic talent, or strong leadership as well as performers and artists. Aid is also awarded based on financial need.

PART-TIME EMPLOYMENT

Student Career & Job Portal

Many financial aid award packages include work-study. This means that students are eligible to participate in the Federal Work-Study Program and may earn up to the amount recommended in their award package. Work-study wages are paid directly to the student on a bi-weekly basis and are normally used for educational expenses. On-campus and off-campus jobs and internships are available through Handshake at http://handshakelui.edu. It is not necessary to be awarded work-study earnings to use Handshake.

Resident Assistantships

Resident assistants reside in the residence halls and are responsible for organizing, implementing, and evaluating social and educational activities. Compensation includes a residence hall room. The position information may be obtained from LIU Promise.

ALL OTHER SOURCES OF AID

STATE GRANTS

New York State and other states offer a variety of grants and scholarships to residents. Although the application is made directly to the state and grants are awarded by the state, the amount each student is expected to receive is estimated and taken into account by the University when assembling the student’s financial aid package. LIU’s New York State school code is 0403. For complete information, contact the New York Higher Education Services Corporation (HESC) at 888-697-4372, or visit their website at www.hesc.ny.gov.

New York State Tuition Assistance Program (TAP)

Legal residents of the state of New York who are enrolled in a full-time undergraduate degree program of at least 6 credits per term, or the equivalent, may be eligible for awards under this program. The award varies, depending on income and tuition cost. Students applying for TAP must...
do so via FAFSA (see earlier “How to Apply” section). Submit the completed application as instructed. For more information about TAP, visit www.hesc.ny.gov/pay-for-college/apply-for-financial-aid/nystap.html.

To be considered for a part-time TAP award, students must be enrolled in 6-11 credits and file both the Free Application for Federal Student Aid (FAFSA) and the NYS Student Aid Payment Application (TAP application). When the student’s application is fully approved, TAP will be calculated as full-time. A TAP payment roster will be sent to the school with the full-time TAP award listed. Part-time-TAP awards are recalculated by the NYS Higher Education Services Corporation after a school identifies part-time students when certifying its roster.

**New York State Enhanced Tuition Awards (ETA)**

Enhanced Tuition Awards of up to $6,000 are available for resident students enrolled in a private college in New York State. Awards will be phased in over three years, beginning for New Yorkers making up to $125,000 adjusted gross income. ETA recipients can receive up to $6,000 through a combination of their TAP award, ETA award, and a match from LIU. Students are eligible to get an award for up to four years when pursuing a bachelor’s degree. Students in an undergraduate program of study normally requiring five years (HEOP) are eligible to receive the award for five years. Award recipients need to earn a passing grade to maintain their Enhanced Tuition Awards, provided they earn a total of 30 credits over the course of a year. Students with disabilities under the ADA are allowed to attend on a part-time basis and their awards will be prorated.

**States Other Than New York**

Some students from outside New York State may qualify for funds from their own state scholarship programs that can be used at Long Island University. Contact your state financial aid agency (call the Federal Student Aid Center at 1-800-433-3243 for the address and telephone number) for program requirements and application procedures. When you receive an eligibility notice from your state program, you should submit it to Enrollment Services in advance of registration.

**FEDERAL GRANTS AND BENEFITS**

**Pell Grant Program**

The Federal Pell Grant Program assists undergraduate students who demonstrate financial need according to economic criteria and program requirements established by the federal government. To be eligible, you must enroll in a degree or approved certificate/diploma program and be matriculated for your first bachelor’s degree. (You are not eligible if you have already completed a bachelor’s degree.) Pell Grants are initially calculated as full-time, based on the student’s EFC and cost of attendance (COA). The annual award is the maximum amount a student would receive during a full academic year for a given enrollment status, EFC, and COA. A part-time student will receive a reduced amount from the annual award, based on the US Department of Education’s 3/4-time, 1/2-time, or less-than-1/2-time Pell disbursement schedules.

**Federal Supplemental Educational Opportunity Grants (SEOG)**

These federally funded grants are awarded to undergraduates whose financial need is substantial. All FAFSA filers who meet our published deadlines and qualify are automatically considered for this grant. However, funds for this program may be limited and are based on availability. To qualify, students are encouraged to submit their FAFSA by the University’s established priority date.

**Veterans Benefits**

Various programs provide educational benefits for spouses, sons, and daughters of deceased or permanently disabled veterans as well as for veterans and in-service personnel who served on active duty in the United States Armed Forces after January 1, 1955. In these programs, the amount of benefits varies. Applications and further information may be obtained from the student’s regional office of the Department of Veterans Affairs. The University participates in the Yellow Ribbon Program. Additional guidance may be obtained from Enrollment Services or at the US Department of Veterans Affairs website at www.benefits.va.gov/GIBILL.

**SCHOLARSHIPS AND GRANTS FROM OTHER ORGANIZATIONS**

In addition to the sources of gift aid described above, students may also be eligible for a private scholarship or grant from an outside agency or organization. Some sources to explore are employers, unions, professional organizations, and community and special interest groups.

**FEDERAL LOANS**

**Federal Direct Student Loan Program**

The Federal Direct Student Loan is obtained from the U.S. Department of Education. The total amount borrowed in any year may not exceed the cost of education minus the total family contribution and all other financial aid received that year.

Federal Direct loan payments are co-payable to LIU and the student, and funds are applied first to any outstanding balance on the student’s account. An origination fee will be deducted from the loan funds. Students may qualify for both subsidized and unsubsidized Direct loans. The interest on the Federal Direct Subsidized Loan is paid by the US government while the student is in school and remains enrolled at least half-time. The Federal Direct Unsubsidized Loan terms and conditions are essentially the same as the subsidized loan except the federal government does not pay the interest while the student is in school. Instead, the interest is accrued and added to the principal of the loan. Subsidized Direct loans are based strictly on financial need. During the first year of study, a student may borrow up to a total of $5,500 (combined subsidized and unsubsidized), with no more than $3,500 as the subsidized amount. In subsequent years, the total is increased to $6,500 for sophomores (with no more than $4,500 as the subsidized amount), $7,500 for juniors and seniors (with no more than $5,500 as the subsidized amount), and $20,500 for unsubsidized loan for graduate students. For independent undergraduate students and some dependent undergraduate students whose parents do not qualify for a PLUS loan, the Federal Direct Unsubsidized Stafford Loan Program offers yet more borrowing eligibility.

For details about additional unsubsidized amounts available and the maximum aggregate limits for all Federal Direct loans combined, visit the US Department of Education website at www.studentaid.ed.gov.

**Federal Direct PLUS Loan Program**

The PLUS loan enables parents of dependent undergraduate students to borrow up to the full amount of an LIU education less other aid. There is no aggregate loan limit, and individual lenders will evaluate point history. PLUS loan disbursements are made payable to LIU and the parent and funds are applied first to the current term’s outstanding balance on the student’s account. To apply for a PLUS loan, log into www.studentaid.gov.

**PRIVATE LOANS**

A private (non-federal) loan may be a financing option for students who are not eligible for federal aid or who need additional funding beyond the maximum amounts offered by federal loans. These loans are not guaranteed by the federal government. LIU urges all students and parents to research any lender they are considering for this type of funding and to specifically ask several key questions, including current interest rates; co-signer requirements; repayment options, both in school and out; and whether or not the loan may be sold to another provider.

Each student has the right to select the educational loan provider of their choice. To see your choice of lenders, log onto www.elmselect.com and select Long Island University.

If you have considered applying for a private loan, you may be required to complete the Free Application for Federal Student Aid (FAFSA) (see above for application instructions) for the University to certify your loan eligibility. Private loans that are used to cover prior semesters may
Federal Student Aid Credit Balances and Refunds

It is the University’s policy to ensure Federal Student Aid (FSA) credit balances are managed in accordance with Federal and other regulations. When the University disburses Title IV aid to a student's account and the total amount of all Title IV aid exceeds the amount of tuition and fees, room and board, and other billed charges, the University will pay the resulting credit balance directly to the student or parent via check as soon as possible but:

- no later than 14 days after the balance occurred if the credit balance occurred after the first day of a payment period; or
- no later than 14 days after the first day of a payment period if the credit balance occurred on or before the first day of class of that payment period.

The Office of Enrollment Services monitors FSA credit balances on a daily basis for all active financial aid years. Refund checks are processed at University Center each day after the receipt of refund lists from the campuses. If PLUS loan funds create the credit balance, the refund will be issued to the parent unless he/she has authorized the University in writing or through studentaid.gov to transfer the proceeds directly to the student for whom the loan is made. The University issues refund checks by mail to the student’s and/or parent’s permanent address on record. Students may also set up direct deposit refunding by adding their departmental account balance to their MyLIU account. Refund checks that are unclaimed after 240 days will be returned to the Department of Education. The University does not require additional information for approval, such as letters certifying indebtedness, attendance verification, official transcripts, etc. As such, when requesting funding for prior terms, be sure to reference the correct academic year on your application.

The basic process involved with securing private loans is the electronic filing of an application, institutional certification, and approval information. The University will assist you in this process and will determine for you the maximum loan amount you will be allowed to borrow based on your estimated cost of attendance and pre-existing financial aid awards.

EMPLOYEE EDUCATION PLANS

Many companies pay all or part of the tuition of their employees under tuition refund plans. Employed students attending the University should ask their personnel officers or training directors about the existence of a company tuition plan. Students who receive tuition reimbursement and LIU employees who receive tuition remission must apply with Human Resources.

New York State TAP Waiver

Full time students who are New York State (NYS) residents and have applied for the NYS Tuition Assistance Program (TAP) will receive an award notice from New York State. Each semester, the award must be certified by the University based on certain regulatory and academic requirements. Among the requirements is the obligation of the student to maintain “good academic standing” as defined in NYCCRR 8 §145-2.2 and as it relates to the following:

- Pursuit of Program is defined as receiving an ‘A-F’ letter grade in a certain percentage of courses each semester depending on the number of TAP/State awards the student has received.
- Satisfactory Academic Progress requires students to accumulate a specified number of credits and achieve a specified cumulative grade point average each term depending on the number of TAP/State award payments the student has received.

Students who fail to maintain good academic standing as the result of unforeseen or extraordinary circumstances, and who thus become ineligible for a TAP award, may apply to the University for a TAP Waiver. In certain cases, the requirements regarding Pursuit of Program or Satisfactory Academic Progress may be waived once during a student’s undergraduate enrollment. Waivers are based on an undue hardship that has affected the student’s ability to maintain good academic standing during a particular semester. A waiver may be granted only when there is a reasonable expectation that the student will meet future State requirements. Waivers are based on documented evidence of:

- a death or illness in the student’s family
- serious illness of the student
- other extenuating circumstances beyond the student’s control.

Waiver requests must be made in writing to the Office of Enrollment Services and must include:

- a letter stating the reasons for the student’s failure to meet academic requirements and how conditions have changed so that future academic progress will not be impeded
- pertinent documentation supporting the waiver application (e.g., physician’s written statement, death certificate, etc.)
- a written recommendation from the student’s Dean

Return of Federal Funds

The University returns Federal funds in accordance with Federal regulations. Students who receive Title IV federal aid and withdraw from all courses prior to completing 60 percent of the academic term will have their federal financial aid pro-rated in accordance with a Return to Title IV (R2T4) calculation. After the 60 percent point of the academic term, students are considered to have earned all of their Title IV aid for the term.

For students who officially withdraw from the University, the last date of attendance will be either: 1) the date that the student submits to the Office of Enrollment Services a signed Official Withdrawal Application; or 2) the date that the student emails the Office of Enrollment Services requesting to withdraw and providing all required information. In cases where the student partially withdraws from some classes before fully withdrawing for the term, the University will use the latest date as the last date of attendance. Students who are granted an official leave of absence in accordance with the University’s Leave of Absence Policy are not considered to have withdrawn for the term.

For students who unofficially withdraw from the University, the last date of attendance will be the midpoint of the term. For students who receive a combination of W, NC, UW grades and one F, the student will be considered to be in attendance unless the individual who submitted the F grade, upon request by the Registrar, does not change the
grade to a NC.

The calculation of the amount of Title IV assistance earned by the student is based on the payment period associated with the term during which the student withdrew from classes. The payment period represents the duration between the start and end date of the term, less any scheduled breaks of five consecutive days or more.

To determine the amount of Title IV aid to be considered, the University will calculate the total amount of disbursed Title IV aid for the term in which the student withdrew. Aid is counted in the calculation if it has been applied to the student’s account on or before the date the student withdrew or could have been disbursed had the student still been registered for classes. The amount of this Title IV aid earned is calculated on a pro-rata basis using the last date of attendance within the payment period.

The amount of unearned aid to be returned is based on the total institutional charges for the term, which includes tuition, fees, room, and board, less the amount of aid earned by the student. The University will return, in the order specified below, the lesser of the following:

- the total amount of unearned Title IV assistance to be returned; or
- the total amount of unearned institutional charges.

Title IV funds that are not the University’s responsibility to return must be returned by the student. The University will notify each student in writing when they have a responsibility to return funds. In certain cases, the return of unearned aid will result in a balance due to the University, particularly if the student previously received and cashed one or more refund checks.

The portion of federal aid that is not earned by a student will be returned to the appropriate federal student aid program(s) in the following order:

- Federal Direct Unsubsidized Loan
- Federal Direct Subsidized Loan
- Federal Perkins Loan
- Federal Direct Graduate PLUS Loan
- Federal Direct Parent PLUS Loan
- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant

Once the University determines which federal student aid program(s) are to receive returns, a formal written letter is mailed to the student.

The University will return the amount of Title IV funds for which it is responsible as soon as possible but no later than 45 days after the student’s last date of attendance as defined above. For students who unofficially withdraw from the University, Title IV funds will be returned no later than 45 days after the end of the term.

Returns of Title IV grant funds, other than funds that are being returned to stay in compliance with the excess cash requirements, are offset by a downward reduction in the student’s records at the federal Common Origination and Disbursement (COD) system. Similarly, all returns of Direct Loan funds are offset by downward reductions to a student’s record at COD. In addition, when all or a portion of a Direct Loan is cancelled (either because the borrower requested the cancellation within the regulatory time frames or to comply with statutory or regulatory requirements), the University will make the appropriate adjustment to the student’s record in COD. All returns of FSA Grants and Direct Loan funds previously disbursed are also performed by the University through the federal G5 system. If the total amount of Title IV aid that the student earned is greater than the total amount of Title IV aid that was disbursed to the student or on behalf of the student in the case of a PLUS loan, as of the student’s last date of attendance, the difference between these amounts must be treated as a post-withdrawal disbursement.

If outstanding charges exist on the student’s account, the University will obtain written confirmation from the student and/or parent to determine if they wish to have a Title IV post-withdrawal disbursement processed. Upon receipt of written approval, the University will apply the funds directly to the outstanding balance due. If the student and/or parent does not respond, no post-withdrawal disbursement will occur.

**Satisfactory Academic Progress (SAP)**

Students are required to make satisfactory academic progress (SAP) toward the completion of a registered degree or certificate program in order to receive federal financial aid and state tuition assistance. Satisfactory academic progress is measured by a student’s cumulative grade point average (GPA) and the amount of credits they have earned.

**Standards for Federal Financial Aid Programs**

Federal regulations require students to make satisfactory academic progress (SAP) toward the completion of a degree or certificate program in order to receive Title IV financial aid, which includes Federal Pell and SEOG Grants, Federal Work Study, Federal Perkins Loans and the Federal Direct Loan Program. Satisfactory academic progress is measured quantitatively and qualitatively by two components: a student’s cumulative grade point average (GPA) 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 above criteria are eligible to appeal this decision if extenuating circumstances played a factor in their academics. An appeal must be made in writing to the University and include an explanation of the circumstance that may have adversely affected the student’s ability to meet the academic requirements, and the 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: 1) be placed on probationary status for one semester after which the student must meet SAP guidelines; or 2) be successfully adhering to an individualized academic plan that was developed for them 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 satisfactory academic progress will have their summer aid cancelled and will be liable for all assessed charges unless an appeal is filed and granted as outlined above.

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

<table>
<thead>
<tr>
<th>Credits Attempted</th>
<th>Credits Earned</th>
<th>Credits Earned Required</th>
<th>Cum GPA Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-29</td>
<td>50%</td>
<td>0 - 29</td>
<td>1.8</td>
</tr>
<tr>
<td>30-120</td>
<td>67%</td>
<td>30 - 59</td>
<td>1.9</td>
</tr>
<tr>
<td>121-180</td>
<td>80%</td>
<td>60 and above</td>
<td>2.0</td>
</tr>
</tbody>
</table>

The criteria below outline the progress that is required for a full-time graduate or dual degree student in their graduate phase of studies to be considered in good standing:

Completion Rate Requirement: All students must earn at least 67 percent of their attempted hours. The maximum time frame to complete each degree varies by department and is outlined in the Academic Catalogs under the specific degree program.

GPA Requirement: Students who have earned fewer than 13 credits must maintain a 2.5 GPA; students who have earned 13 credits or more must maintain a 3.0 GPA.

The criteria below describe the progress that is required for a full-time professional Pharm.D. student to be considered in good standing:

SAP Completion
Federal SAP requirements also include the following criteria:

- Progress standards for part-time students are prorated based on the criteria above.
- Qualifying transfer credits are counted as both attempted and earned credits but have no effect on the GPA.
- Grades of W (Withdrawal), UW (Unofficial Withdrawal), NC (No Credit Earned), INC (Incomplete), and IF (Incomplete Fail) are counted as credits attempted but not completed, and do not affect the GPA.
- Repeated classes will count only once towards credits completed. A student may receive aid for a repeated class that has been successfully completed once.
- Students may not receive Federal aid for coursework that exceeds 150 percent of their degree requirements.
- Any departmental requirements that exceed these standards must be adhered to for the purposes of evaluating SAP.

Standards for New York State Awards

To receive financial aid awards from New York State, including undergraduate Tuition Assistance Program (TAP) funding, students must meet academic standing requirements as defined by the New York State Education Department. These requirements are different from those set forth by the Federal government, and are applicable only to New York State awards.

The basic measures for good academic standing for TAP 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 (GPA).

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 of the academic and/or “C” average requirement(s) if extenuating circumstances played a factor in their academics.

Waivers may be granted in accordance with NYCCRR 8 §145-2.2.

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

<table>
<thead>
<tr>
<th>Semester</th>
<th>Must accure this many credits</th>
<th>With at least this GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2nd</td>
<td>6</td>
<td>1.5</td>
</tr>
<tr>
<td>3rd</td>
<td>15</td>
<td>1.8</td>
</tr>
<tr>
<td>4th</td>
<td>27</td>
<td>1.8</td>
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<tr>
<td>5th</td>
<td>39</td>
<td>2.0</td>
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<tr>
<td>6th</td>
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<tr>
<td>7th</td>
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</tr>
<tr>
<td>8th</td>
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</tr>
<tr>
<td>9th</td>
<td>96</td>
<td>2.0</td>
</tr>
<tr>
<td>10th</td>
<td>111</td>
<td>2.0</td>
</tr>
</tbody>
</table>

New York State SAP requirements also include the following criteria:

- Students must be registered for a minimum of 12 credits per semester.
- Students may not receive a New York 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).
- The standards that students must meet are dependent upon when they first received an award from NY State, as well as their remedial status.
- Students are evaluated according to their total TAP points received, including any awards received at previous institutions.
- Students must complete a minimum number of credits each term, as well as on a cumulative basis, to continue to receive TAP funding.
- Students who have accrued 60 credits are required to declare a major to maintain their TAP eligibility.
- Students must maintain a minimum grade point average (GPA) prior to being certified for a TAP payment. This average increases as students progress in payment points.
- All students must have a cumulative GPA of 2.0 or better after accumulating 24 or more payment points (e.g., four full time semesters).
- Students who are not making progress, and/or not meeting the “C” average requirement may request a one-time waiver if extenuating circumstances affected their academic performance.

Enhanced Tuition Awards (ETA)

Award recipients selected by New York State must meet the following criteria to remain eligible for ETA awards. Failure to meet these requirements will also result in the conversion of the state portion of your grant into a loan.

- Must meet annual income requirements ($125,000 or below).
- Must earn a passing grade in your coursework.
- Must be registered for at least 12 credits in the Fall to receive the first payment and earn at least 30 credits by the end of Spring to receive the second payment.
- Must continue to meet New York State residency requirements.
- Students in an undergraduate program of study normally requiring five years (HEOP) are eligible to receive the award for five years. Students with disabilities under the ADA are allowed to attend on a part-time basis and their awards will be prorated.

Student Loan Counseling

The University follows federal regulations 34 CFR 685.304 governing federal direct loan programs and 42 CFR Part 57 governing the HRSA health professions student loan program.

In accordance with these provisions, LIU manages the loan counseling process by identifying:

- students who require entrance and exit counseling
- methods by which the University communicates with students regarding entrance and exit counseling
- process by which students will receive counseling; and
- procedures to be followed by students who do not complete the loan counseling process

Verification of Financial Aid Information

There is a process for verifying application information and making corrections on a student’s Free Application for Federal Student Aid (FAFSA) with the Department of Education’s Central Processing System (CPS). The regulations in 34 CFR Part 668 Subpart E govern institutional verification of information submitted by applicants for federal student financial assistance.

In accordance with the provisions of Subpart E, LIU has established verification procedures that address the following:

- the time period within which an applicant must
provide any documentation requested by the University

• the consequences of an applicant's failure to provide the requested documentation within the specified time period

• the method by which the University notifies an applicant of the results of its verification if, as a result of verification, the applicant's Expected Family Contribution (EFC) changes and results in a change in the amount of the applicant's assistance under the Title IV, Higher Education Act (HEA) programs;

• the procedures the University will follow or the procedures the University will require an applicant to follow to correct FAFSA information determined to be in error; and

• the procedures the University will follow for making referrals to the Office of Inspector General.

Institutional Responsibility: The University must require an applicant whose FAFSA information is selected for verification to submit supporting documentation to verify specified data elements of the FAFSA, unless the applicant qualifies for a federal exclusion.

Applicant Responsibility: If the University requests documents or information from an applicant under this Subpart E, the applicant must provide the specified documents or information.
STUDENT LIFE

Long Island University is an exciting and vibrant community that provides students with opportunities to become engaged on-campus, make life-long friendships, explore professional and career interests, or enhance their leadership skills and complement their in-the-classroom experience.

Through the Division of Student Affairs and LIU Promise, students can participate in over 70 student organizations, join national fraternities and sororities, and attend over 1,000 events held each year. In addition, our robust Division I Athletic program is at the heart of Shark Nation. Residence halls also provide students the opportunity to live on campus while they complete their degree.

Students can be informed on various campus life programs and opportunities through EXPERIENCE | Shark Nation, the University’s student engagement platform. To learn more, visit liu-post.presence.io/events

Experience Shark Nation

Experience | Shark Nation is the University-wide student engagement platform. Powered by Presence, the engagement platform serves as the hub for student life and engagement at the University. Each student has access to Experience | Shark Nation and is encouraged to visit frequently for updates regarding campus events, programs, and activities. The platform is how students will join student organizations, learn about campus events, and mark their attendance using the Shark Points system. In addition, a full listing of events is sent via email from LIU Promise each week that highlights the opportunities students can take advantage of and shares the student engagement calendar. To access the platform, visit www.liu.edu/campus-life.

Division I Athletics

LIU is home to an accomplished and proud Division I athletics program that represents Shark Nation. Fielding 38 athletic teams on two campuses, LIU's NCAA Division I program builds on a foundation of tradition and excellence. In LIU's history, its teams have a combined 24 national championships, 248 conference championships, and 380 All-Americans. For more information on Athletics, visit liuathletics.com.

Student Organizations

LIU seeks to educate, challenge, and cultivate students by providing services and promoting programs that encourage student involvement, and offer both personal and academic support for student growth. With nearly 100 active student organizations, there is an opportunity for every student. Students may also start a new student organization by working with LIU Promise and the Student Government Association.

Students may participate in academic, social, media, leadership, and special interest organization. In addition, many honor societies recognize outstanding student accomplishments. For a full list of student organizations, visit www.liu.edu/campus-life.

Greek Life

Fraternity and Sorority Life represents a large part of the campus life experience at LIU. Fraternities and sororities promote scholarship, leadership, and service. Greek life also provides members with the opportunity to forge life-long friendships, network with alumni, and enhance their academic and leadership endeavors through the Greek honor societies. LIU is one of the fastest-growing Greek communities in the region and is home to many of the nation's largest fraternities and sororities.

Students can join a fraternity or sorority at any time during their career by participating in “Meet the Greeks” and by registering for the fall or spring recruitment process.

Fraternities:
- Theta Chi
- Phi Sigma Kappa
- Phi Delta Theta
- Sigma Alpha Epsilon
- Tau Kappa Epsilon

Sororities:
- Alpha Epsilon Phi
- Alpha Xi Delta
- Delta Zeta
- Delta Sigma Theta, Inc.
- Kappa Kappa Gamma
- Sigma Delta Tau

Greek Life Honor Societies:
- Order of Omega
- Gamma Sigma Alpha
- Rho Lambda

SGA has weekly general meetings that are open for all students to attend.

LIU Cares

LIU students give back to the local and global communities through service organizations, charity events, and social awareness initiatives throughout the year. The LIU Cares initiative connects our students, faculty and staff, and alumni to the power of service through volunteerism and community engagement.

Students can support a cause that is important to them or join one of the many opportunities that already exist.

Students typically perform more than 150,000 service hours and fundraise thousands of dollars for various charities each year. For more information on service opportunities, contact liucares.org or visit LIU Promise.

Diversity, Equity, and Inclusion

Long Island University is committed to inclusive excellence and a sense of belonging for all members of the University community. Our community is built upon a foundation of diversity, equity, inclusion, access, opportunity, innovation, confidence, trust, respect, caring, and relationship-building. The University’s educates the country and the world, drawing students from over 67 countries. The University is recognized as a top 100 national university for social mobility (U.S. News and World Report Best Colleges, 2021).

Diversity, Equity, and Inclusion (DEI) at the University, is facilitated by the Chief Diversity Officer and is supported by a University-wide DEI committee and a student-run council on Diversity. Programs and initiatives are held throughout the year to fulfill the University’s mission. Visit the DEI page at www.liu.edu/diversity-equity-and-inclusion to become engaged.

Residential Life

Resident students are part of an exciting college community that attracts students from all over the world. Residence halls are tailored to individual needs, from honors college housing to semi-private suites. Living on campus allows students to become totally immersed in college life. Students will enjoy the freedom of living on their own while meeting new people and making lasting friendships. For more information, visit www.liu.edu/campus-life/residence-life.

Living at LIU offers:
- Options for singles, doubles, triples, and suite-style
• All utilities, WiFi, and laundry included
• Convenient online housing and roommate selection process
• Late-night access to Fitness Center, Library, and other facilities
• Affordable housing rates
• Several meal plan options and dining locations
• Lounges in each building with TVs and computers
• Free express shuttle service to local train stations, malls, and other stores
• Professional and peer staff in each residence hall for 24/7 assistance
• ID access and evening security for all buildings
• Floor and Hall programming

Residence Halls
• Brookville Hall
• Kings Hall
• Nassau Hall
• Post Hall
• Riggs Hall
• South Residence Complex
• Suffolk Hall
• Queens Hall

Campus Recreation and Intramurals
University Recreation and Intramurals serves as an integral part of campus life. University Recreation provides engaging programs and state-of-the-art facilities and equipment to enrich the student experience and foster a lifetime appreciation of and involvement in wellness and recreational sports. Campus Recreation offers student and community membership, open gym and pool hours, access to the fitness center, opportunities for club sports and intramural events, and health and wellness programs for students. To learn more about University Recreation, visit www.liu.edu/university-recreation.

Student Code of Conduct
Long Island University students are expected to abide by the five principles of the Student Code of Conduct: respect for oneself, respect for others, respect for property, respect for authority, and honesty. Students who violate the policies of Long Island University may be subject to appropriate disciplinary action.

Student Affairs, through designated hearing officers, oversees the enforcement of the Student Code of Conduct. The University recognizes that disciplinary jurisdiction may extend to off-campus activities. The University has the discretion to exercise jurisdiction over off-campus behavior if it: 1) adversely affects the health, safety, or security of any member of the University community; or 2) adversely affects the interests of the University.

In determining whether to exercise off-campus jurisdiction, the University will consider the seriousness of the alleged harm, the risk of harm involved, whether the victim(s) are members of the University community or whether the off-campus conduct is part of a series of actions which occurred both on and off campus.

Students are accountable for adhering to all regulations in the LIU Student Handbooks. As noted under item “U”, ‘Violation of University policies’ in “Respect for Authority” below, students must understand that they are subject to “all policies communicated elsewhere in this Handbook, University publications, verbal directives by University officials or as posted by any department.”

Students enrolled in specific schools or colleges may be subject to the code of conduct established within that school or college and as overseen by the academic dean or an applicable accreditation body. If there is a conflict the more restrictive code applies.

To read the full Student Code of Conduct, please see the LIU Student Handbook or visit www.liu.edu/policy.
FACILITIES

3D Simulation Laboratory

Long Island University’s new 3D simulation laboratory featuring Dassault Systèmes’ 3DEXperience platform is available for student use in multiple programs. The facility will allow students to utilize the revolutionary platform for design and research projects. The Dassault Systèmes technology is a key component to LIU’s artificial intelligence, computer science, and healthcare degree programs and provides students in various fields of study the opportunity to engage in real-world solutions through digital simulations.

Benjamin and Elizabeth Abrams Communication Center

The Abrams Communication Center contains four radio broadcast facilities all of which are equipped with digital equipment. These include LIU Post Public Radio WCWP 88.1 FM, Internet radio stations myWCWP and WCWP Talk & Sports, as well as production and live performance studios.

Career Bar

Located in Hillwood Commons, the Career Bar offers a central location for students to access computers, print, and study. The Career Bar serves as the host for many Career Success workshops and events throughout the academic year.

Digital Art and Design Lab

The 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.

Digital Games Lab

The Digital Games Lab is a space for students in the bachelor's and master's degree programs in digital game design and development. It features Mac computers, a smart board system, a flexible workspace, and professional-level software for all aspects of game development. This lab is located in Humanities Hall room 206.

Dining and Food Service

Aramark is the official food service and dining provider for Long Island University. Foodservice is provided at several locations throughout the campus. Food may be purchased using meal plans, credit cards, or cash.

To view food options, locations, and hours of operations, students should visit https://liu.campusdish.com/

Esports Arena

The Esports Arena is a state-of-the-art facility that houses the University’s Division I Esports program. The arena, located in Hillwood Commons, has been recognized as one of the top facilities in the region. The 2,400 square foot venue is equipped with over 30 computer stations, large-screen viewing televisions, gaming stations, and custom game-day lighting.

Gold Coast Cinema

The Gold Coast Cinema is located in Hillwood Commons and is a 250+ seat venue. The Cinema hosts the Gold Coast Cinema series that provides free movie screenings for students each week. In addition, the Gold Coast Cinema serves as programming and events space for students, faculty, and staff.

Hillwood Commons

Hillwood Commons is the student and community hub of LIU Post. The Commons features multiple dining options, Blue Fit Peloton Studio, Fraternity and Sorority Life Pavilion Center, Bookstore, ESports Arena, Multicultural Student Lounge, and various student-run businesses. Hillwood is also home to LIU Promise and the Dean of Students.

The Commons is open seven days a week from 8:30 a.m. to midnight. If you have any questions, please contact the Campus Concierge at 516-299-2800.

Interprofessional Simulation Center

Interprofessional Simulation Center (ISC) is a state of the art patient simulation center designed to improve health outcomes by providing programs that promote and enhance safe, quality healthcare through clinical competence, teamwork, and interprofessional collaboration.

The ISC occupies a vital role in enhancing students’ preparedness to practice through an experiential and collaborative approach to learning, including simulation that combines faculty-directed and independent learning. In addition, the ISC supports interdisciplinary and translational research to add to the body of knowledge on simulation, practice, technology, quality, and safety in the workplace. Using state of the art simulation equipment, students learn proper techniques, refine interprofessional skills, and build confidence in their abilities.

Honors Village

The Honors Village is located in the Winnick Mansion and is the home of the Long Island University Honors College. The village provides Honors College students with a space exclusively for their community.

The Village spans most of the historic mansion and offers a billiard room, game and TV rooms, a library, and meeting rooms. In addition, the Village hosts space for the Debate Club and Model UN.

Speech and Hearing Center

The Speech and Hearing Center, located in the lower level of Post Hall, has the dual mission of assisting those with communication and related disorders by offering a full range of diagnostic and therapeutic services for infants, children, and adults and training graduate students in communication sciences and disorders. All services are provided by supervisors with years of experience and graduate clinicians, both working together to provide quality care that family members can observe.

LIU Post Community Arboretum

The Post Campus is 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 125 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. For more information visit the arboretum website at www.liu.edu/arboretum.
Musical Technology Laboratory

The Musical Technology Lab in Hillwood Commons features 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.

Pratt Fitness and Recreation Center

The Pratt Fitness and Recreation Center provides LIU students with a modern fitness 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 Fitness and 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 Fitness and Recreation Center is conveniently located in the athletics complex, next to the football field and field house. It is open on days, evenings, and weekends. For more information visit the website at www.liu.edu/university-recreation.

Psychological Services Center

The Clinical Psychology Doctoral Program operates the Psychological Services Center (PSC). The PSC is an independent community mental health facility whose purpose is to provide low-cost psychological services to the community and to serve as a training facility for graduate students in the doctoral program.

The PSC offers individual, group, family, and couples psychotherapy in cognitive-behavioral and psychodynamic theoretical orientations for child, adolescent, adult, and older adult clients. Specialty services include programs for individuals suffering from depression, anxiety, and/or relationship difficulties, psychological testing, trauma and loss counseling, parent training, and anger management training.

The doctoral students also provide community outreach including psychoeducation on a variety of mental health topics and psychological first aid following the occurrence of traumatic events and disasters.

Student-Run Businesses

LIU students learn what it takes to run a business. Students are involved in every facet of operations, from product selection and marketing to sales management and bookkeeping. Profits from LIU’s student-run businesses support student scholarships. To learn more about Student Run Businesses or visit their online stores, visit www.liu.edu/student-run-businesses.

The Student Body, Clothing Collective

LIU’s first student-run business, The Student Body Collective, sells clothing and accessories in Hillwood Commons while providing real-world experience for business students, funds for scholarships, and start-up capital for future ventures.

Browse

Browse offers a selection of popular technology brands and products and is an authorized Apple products retailer. Students working in the store will gain expertise as they work alongside certified Apple service help desk technicians.

Shark Nation Spirit Store

Shark Nation, the official spirit store of LIU sells a wide array of LIU Sharks apparel including clothes, gifts, and accessories. Purchase anything you need to be a die-hard Sharks fan and show your Shark spirit at every athletic game and all days in between.

Tilles Center for the Performing Arts

Tilles Center for the Performing Arts provides LIU with an internationally recognized venue for great performances, featuring the most important classical and popular artists of our time. The concert hall is the Long Island home to many of the world’s finest performers, ensembles, Broadway tours, and comedians. Tilles Center presents nearly 70 performances annually. 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.

Trading Floor

Featuring Bloomberg Terminals, the global benchmark for financial data and analysis, the Trading Floor gives students the tools to analyze financial markets, assess economic scenarios and interpret the key news developments that impact the global economy. All students in the school are encouraged to get Bloomberg Certified, a credential that can give them an advantage in the competitive job market.

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 gluten-free, vegan, vegetarian, and other health-conscious meals. Also located in Winnick Center are; the Gold Coast Room, for large banquets; the Shark Bite; and, a student convenience store. The building is named for the father of LIU alumnus Gary Winnick.
STUDENT SERVICES AND RESOURCES

Student Affairs

Student Affairs is a collaborative and innovative unit dedicated to providing a highly individualized holistic student support and education that fosters student success, retention, and persistence; cultivates a community of belonging; encourages life-long learning; and develops global citizenship and future leaders. Student Affairs is comprised of several student support services including LIU Promise, Enrollment Services, the Learning Center, and the Center for Healthy Living. In addition, Student Affairs coordinates several key programs including, Commencement and Parent and Family Programs.

Student Affairs is led by the Dean of Students that can be reached at deanofstudents@liu.edu.

Student Success

Student Success Coaching is housed in LIU Promise and Enrollment Services. Student Success is our commitment to ensuring students have the right tools, guidance, and support to achieve their goals. When students apply to LIU, they will be assigned a Success Coach who will be there for them through graduation. The coach will be the point of contact for everything they need—from academic and career counseling to campus activities to financial aid. It’s our promise to help each student chart their success! To learn more about Student Success, visit www.liu.edu/student-success.

Success Coaches will work with students one-on-one to:
- Fast-track the enrollment process
- Help them select the right major
- Find the right scholarships for them
- Construct a financial plan to fund their education
- Introduce them to our vibrant campus life
- Identify internships and study-abroad opportunities
- Launch their career, connecting them with employers before graduation

Center for Healthy Living

The Center for Healthy Living is a collaboration of on-campus resources and strong partnerships with local health organizations and professionals, including the Northwell Health Behavioral Health College Partnership, Northwell Health - Go Health, and the LIU Post Nutrition Department.

Students have access to on-campus mental health counseling, nutrition counseling, religious and spiritual counseling, and access to tele-health and local in-person health care.

Northwell Health – GoHealth is the health services provider for Long Island University. Northwell Health is the largest health system in New York State and one of the most recognized in the country. Students have easy and convenient access to health care through same day virtual visits, in-person appointments, and seamless referrals to specialists.

To learn more about Center for Healthy Living services, visit www.liu.edu/post/center-for-healthy-living.

The Learning Center

The Learning Center is committed to helping Long Island University students achieve academic success. The Center provides a full range of support services, educational strategies, and opportunities to achieve their personal, academic, and professional goals.

Services include:
- Tutoring Program
- Writing Center
- Academic Success Workshops
- Disability Support Services
- Veteran Services

Learning Center resources are offered free for all LIU students during the academic year. The Center works collaboratively with each student and their success coach to ensure successful academic progress towards completing their LIU degree. The Center also collaborates with academic faculty, LIU Promise, the Center for Healthy Living, and other University departments to maximize each student’s support. The Learning Center is conveniently located in the Library, an important tool for student success and learning at Long Island University.

To learn more about the Learning Center, visit liu.edu/student-success/learning-center.

Disability Support Services

Disability Support Services (DSS)
Disability Support Services, housed in the Learning Center, provides advocacy and coordination services at no charge to students with all types of disabilities including physical, neurological, emotional, social, specific learning disability, attention deficit disorder, and students with temporary impairments. Students are assisted in arranging reasonable accommodations as mandated by federal/state laws, Section 504 of the Rehabilitation Act, and the Americans with Disabilities Act As Amended (ADAAA).

Policy for Students with Disabilities
In compliance with federal and state laws, LIU 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 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. All disability-related files are confidential.

Accommodations
Academic 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 specialists that establish 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 accommodation.

Determining Eligibility
Accommodations are determined on a case-by-case basis, taking into account the needs of the student, and the course standards. The determination of appropriate and reasonable accommodation is based on approved documentation and through interaction with the student. Specifically, accommodations are determined by the Learning Center 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 may not
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 has 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 specialists.

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 the Learning Center determination of eligibility or accommodation is encouraged to meet with an administrator to resolve the matter informally. Students may appeal the denial of the DSS determination to the dean of students.

**Student Veterans Resource Center**

Long Island University has a proud and distinguished history of serving its nation’s military veterans, active duty service members, and their families. The Long Island University Student Veterans Resource Center (SVRC), facilitated by the Learning Center, provides the resources that veterans need to pursue their education while balancing the demands of life both inside and outside the classroom.

For additional information and resources for veterans, please visit the Student Veterans Resource Center (SVRC) in Hillwood Commons, Room 260. The Veterans School Certifying Official can be reached at 516-299-1200 or by email at studentaffairs@liu.edu. To learn more about Veteran Services, visit https://liu.edu/student-success/learning-center/veteranservices.

**Study Abroad**

Students who wish to study abroad may do so during a summer session, academic semester, or entire academic year. Students may take part in one of the LIU Global programs. Students receive direct credits for courses and can apply most of their financial aid toward program costs.

**Career Success**

Preparation for jobs and internships begins as soon as a student starts at the University. Students will work with their success coach to build their resume, practice job, and interview skills, and apply for various opportunities. LIU Promise holds dozens of career-related workshops each semester and hosts Career Weeks that provide individual appointments with coaches to review resumes, cover letters, and LinkedIn Profiles.

As part of student success coaching, students will complete the following with their coach:

- Explore majors and career options
- Plan your curriculum
- Prepare for the job search
- Write resumes and cover letters
- Identify internships and jobs in your field
- Build a network and find mentors
- Research and apply for graduate school

**Handshake**

Students are encouraged to utilize Handshake, the University’s job and internship portal. Students have access to thousands of positions, can upload their resumes, and begin their career search while at LIU. Each student automatically has an account and can log in using their MyLIU credentials.

**Big Interview**

The University’s Big Interview platform provides students with the tools to conduct video interviewing to prepare for jobs and internships. Big Interview introduces students to essential life skills needed to excel in the interview process including, communication skills, self-confidence, negotiation, and other vital workplace-readiness competencies.

To access all Career Success resources, visit liu.edu/career-success.

**International Student Services**

The University is home to international students from countries around the globe. Student Affairs is committed to providing a supportive and exceptional student experience for all international students. International Student Services, housed within Enrollment Services, coordinates international student orientation, programming, and resources. The Primary Designated School Official (PDSO) and Designated School Officials (DSOs) work with each international student on all immigration and related matters during their time enrolled as a student. These staff members are also a source of reference for international students on F-1, M-1, and J-1 visas.

To view a copy of the International Student Handbook for information on maintaining F-1 Visa status, visit liu.edu/student-success.

**Bookstore**

The Official Bookstore of Long Island University is powered by Barnes and Noble. The University Bookstore is conveniently located on campus where students can purchase or rent their textbooks. In addition, the store carries Long Island University and Shark Nation apparel, gifts, accessories, supplies, and electronics.

Textbook requirements can be viewed via the online ordering system. Students may choose to purchase their textbooks through this system or take the International Standard Book Number (ISBN) and purchase their books from a different vendor. Textbooks purchased through the LIU online bookstore are delivered to LIU bookstore.

Visit the bookstore at liunet.bncollege.com.

**Public Safety**

The Department of Public Safety is committed to providing a safe and secure environment for students, faculty, staff, and visitors at 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, 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, Roslyn Fire Department, and the Nassau County Office of Emergency Management to ensure the safety of the campus community. In addition, the department models its security procedures by the guidelines of the United States Department of Homeland Security.

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

**Annual Campus Security Report**
The Office of Information Technology is responsible for managing all aspects of the university's information technology operations, including academic and administrative systems and computing, databases, dashboards, networking, audiovisual, video and telecommunications infrastructure, academic computer labs, and smart classroom spaces. IT provides facilities technical support to campus residence halls and special off-campus programs. IT also maintains the campus' security camera systems, cafeteria and retail space cash registers, campus videoconferencing and campus plasma displays, electronic and web signage.

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. Each residential campus has a fully-staffed Information Technology helpdesk centralized through Browse, LIU's technology store.

**Instructional Technology Centers**
LIU's Instructional Technology Resource centers promote excellence in teaching throughout the university. This includes face-to-face, online, and blended settings. Our mission is to provide pedagogical support for every situation across campus. The instructional design team provides faculty training on a wide variety of pedagogical issues, curriculum design consultation, and one-on-one support for anyone looking to build or improve outstanding courses. Also, the staff is available to facilitate the utilization of the e-learning management system along with other teaching and learning tools. We also collaborate with administrative offices to create an exceptional teaching and learning environment at LIU.

**My LIU**
MyLIU is the university's portal that provides students with convenient access to information about their records. By logging into https://My.LIU.edu, students may view the schedule of classes, register for courses, obtain their grades, and request 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.

**Student Email**
Each student is assigned a university email address to use for corresponding with university faculty and staff. Students can check their email by logging into https://My.LIU.edu. If you have any trouble accessing your MyLIU account, please check with the helpdesk at Browse.

**Alumni Engagement**
Long Island University has an active network of over 285,000 alumni across the globe. Whether students graduate from Brooklyn, Post, or the regional campuses in Riverhead and Hudson, to the former Southampton campus, the Alumni and Employer Engagement Team continue to support LIU students after their graduation. Find out more regarding Alumni and Employer Engagement and alumni benefits by visiting liu.edu/alumni.
ACADEMIC HONOR SOCIETIES

Alpha Eta Honor Society – the National Scholastic Honor Society for Allied Health Professions

Purpose: The Society is named for the Greek letters equivalent to the first letters of Allied Health, which were Alpha Eta. There are currently over 25,000 members with over 80 National Chapters, LIU Post being the 84th.

Eligibility:
1. IV.2A Associate’s and Baccalaureate Degree Candidates: Those undergraduate Allied Health students who:
• are enrolled in an Allied Health curriculum leading to an associate’s or baccalaureate degree, and shall be in their last year of enrollment in the Allied Health program (see Article III.1,2).
• have maintained an overall scholarship average of 3.5 or better (on a 4 point scale) while enrolled in the Allied Health program.
• have shown a capacity for leadership and achievement (i.e., promise for the profession) in their chosen Allied Health field.
• have been recommended by members and approved by the dean of the Allied Health unit.

2. IV.2B Graduate Degree Candidates: Those graduate students who are enrolled in Allied Health programs leading to graduate degrees and:
• are in their last year of enrollment in an Allied Health graduate program (see Article III.1,2).
• have maintained an overall scholarship average of 3.8 or better (on a 4 point scale) while enrolled in the program.
• have shown a capacity for leadership and achievement (i.e., promise for the profession) in their chosen Allied Health field.
• have been recommended by members and approved by the dean of the Allied Health unit.

3. IV.2C Certificate Candidates: Those students who are enrolled in a program leading to a certificate of professional competency in an Allied Health program who:
• are in their last year of enrollment in an Allied Health post-degree certificate program (see Article III.1,2).

Alpha Phi Sigma – Criminal Justice (Epsilon Beta Chapter)

Purpose: Alpha Phi Sigma is the National Criminal Justice Honor Society. It recognizes the outstanding scholarship and academic ability of both undergraduate and graduate criminal justice students. The goals of Alpha Phi Sigma are to honor and promote academic excellence, community service, educational leadership, and unity.

Eligibility: Undergraduate students: To qualify, students must maintain a minimum of 3.2 GPA, a minimum of 3.2 GPA in criminal justice, and have completed at least four criminal justice courses. Graduate students: To qualify, students must maintain a minimum of 3.4 GPA and have completed at least four criminal justice courses at the graduate level. For further information, call 516-299-2986.

Alpha Sigma Lambda – Adult Student Honor Society

Purpose: Alpha Sigma Lambda is the National Honor Society for adult students. Its purpose is to provide an association for and recognition of superior students in continuing higher education programs. Alpha Sigma Lambda recognizes the special achievements of adults who accomplish academic excellence while facing competing interests of home and work.

Eligibility: Adult students (25 years or older) who are matriculated in an undergraduate degree program are eligible for membership if they have completed a minimum of 24 graded college credits at LIU Post. At least 12 of these credits should be earned in the liberal arts and sciences. Members shall be elected only from the highest 10% of the class (the class being all those students who have met the above requirements). For further information, call 516-299-2445 or e-mail adult-services@cwpost.liu.edu.

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

Purpose: The primary objective of Beta Alpha Psi is to encourage and give recognition to scholastic and professional excellence in the business information field. This includes promoting the study and practice of accounting, finance, and information systems; providing opportunities for self-development, service, and association among members and practicing professionals; and encouraging a sense of ethical, social, and public responsibility.

Eligibility: Membership in Beta Alpha Psi includes persons of good moral character who have achieved scholastic and professional excellence in the fields of accounting, finance, or information systems. Members are required to complete 32 hours of community service and professional activities annually and must maintain a 3.0 cumulative GPA. For further information, call 516-299-2513.

 Beta Beta Beta – Biology

Purpose:  Beta Beta Beta is the National Biological Honor Society. Society seeks to stimulate interest, scholarly attainment, and research investigation in the biological sciences. In addition, Tri-Beta promotes the dissemination of new information to students in the various life sciences.

Eligibility: To qualify, a student must major in one of the biological sciences with a general GPA of 3.2 and a major GPA of 3.3. For further information, call 516-299-2481.

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.

Chi Sigma Iota – Counseling

Purpose: The purpose of Chi Sigma Iota, the Counseling Academic and Professional Honor Society International is to promote scholarship, research, professionalism, and excellence in the field of counseling. This is accomplished through participation in workshops, seminars, conferences, mentoring, and professional involvement. There are high standards for admission, including evidence of academic excellence, leadership, and professional involvement. These standards are a challenge to all graduate students in the counseling programs at LIU Post and LIU Brentwood to develop and grow and are meant to encourage excellence and professional involvement in the counseling field. Students and graduates are expected to take an active part in the chapter’s committees, activities, and newsletter for professional growth and development.

Eligibility: Students who have completed a minimum of 12 credits and have attained a Grade Point Average (GPA) of 3.5 and above, demonstrate evidence of leadership qualities, are active members of one or more of the professional associations (e.g., ACA, AMHCA), and are recommended by a full-time faculty member are eligible to become members of Chi Sigma Iota. Students can obtain an application and more information on CSI and the local chapter by contacting the CSI faculty coordinator.

Kappa Mu Epsilon – Mathematics

Purpose: To further the interest of mathematics in those schools which place their primary emphasis on the undergraduate program; to recognize and honor the outstanding scholastic achievement of students in mathematics.
Eligibility: Initiation candidates must be regularly enrolled students who have completed at least twelve credits of mathematics (including MTH 7, 8, and 9) with outstanding grades. Minimum mathematics grade averages vary by class, with no more than two mathematics grades below B and none below C. For further information call 516-299-2448.

Kappa Theta Epsilon – Cooperative Education

Purpose: Kappa Theta Epsilon Society exists to recognize and honor cooperative education students who excel scholastically. It also serves to promote academic achievement among cooperative education students, inform students of the advantages of enrolling in a cooperative education program, and assist cooperative education offices in their recruiting efforts.

Eligibility: Those eligible for membership in Kappa Theta Epsilon are undergraduate students who have held at least one co-op position, completed at least 60 credits toward their degree, and have a grade point average of at least 3.4. For further information, contact 516-299-2435 or pep@cwpost.liu.edu.

Omicon Delta Epsilon – Economics

Purpose: The objectives of Omicon Delta Epsilon are recognition of scholastic attainment and the honoring of outstanding achievements in economics; the establishment of closer relationships with faculty in economics within and among colleges and universities; the publication of the official journal, The American Economist, the sponsoring of panels at professional meetings and the Irving Fisher and Frank W. Taussig competitions.

Eligibility: Undergraduates must complete at least 12 semester hours of economics courses. In addition, students must have a "B" average in all economics courses and an overall "B" average in all classes. Students do not have to be economics majors but must have a genuine interest in economics in addition to meeting the above requirements. For further information, call 516-299-2321.

Phi Alpha: Lambda Eta Chapter (Undergraduate Social Work)

Phi Alpha is a national honor society recognizing outstanding academic achievements, and dedication to the idea of service to humanity. Students must also demonstrate a commitment to the standards, ethics, and goals of the social work profession. Seniors who are active in the B.S.W. Social Work Club and achieve an overall GPA of 3.0 and 3.25 in required social work courses are eligible for induction. For further information, call 516-299-3910.

Phi Alpha Theta – History

Purpose: Phi Alpha Theta is the national history honor society, created in 1921, to promote the study of history through the encouragement of research, teaching, publication, and the exchange of learning and ideas among historians. It brings students, teachers and writers of history together both intellectually and socially and encourages historical research and publication. Membership includes a one-year subscription to the distinguished academic journal, The Historian, invitation to participate in regional and national conventions, as well as special programs.

Eligibility: Undergraduate students must complete at least 12 credits in history at LIU Post, with a GPA above 3.0 in history and no grades below a B. Graduate students must complete 12 credits in history at LIU Post, with a GPA of at least 3.5 and no grades below a B. For more information, call 516-299-2408.

Phi Eta Honor Society

Purpose: Phi Eta was founded at LIU Post in 1959 to recognize those students who meet the qualifications of Phi Beta Kappa. The Society is supervised by Phi Beta Kappa key holders on the LIU Post faculty.

Eligibility: Students must be graduating seniors for the current May conferral or have been granted a degree in either the previous January or September. They must have a minimum cumulative GPA of 3.50 and may not be a business administration, accountancy or education (except secondary or adolescence education) major. Students must have completed at least 60 credits in history at LIU Post (a maximum of 18 may still be in progress). Please note that the above qualifications must be met by February 1. For further information, call 516-299-2954.

Phi Delta Kappa - Education

Purpose: Phi Delta Kappa (PDK) was founded in 1906 and is the premier professional association for educators with chapters around the world. PDK is dedicated to fostering leadership, research, and service in education. The Phi Delta Kappa Chapter 1524 was founded on the LIU Post Campus in 1986. It holds free programs open to undergraduate and graduate students, educators, administrators, higher education faculty, and those interested in education. These meetings include speakers and activities designed to further the aims of PDK and enrich all participants. Phi Delta Kappa Chapter 1524 actively engages our students in educational pursuits that are needed in today’s educational landscape.

Eligibility: All, undergraduate and graduate, education students are encouraged to become members of PDK Chapter 1524. Students can obtain an application and additional information regarding PDK and the local LIU Post chapter via email at: Roberta.Levitt@liu.edu. Phi Delta Kappa Chapter 1524 at LIU Post is now a SED-approved sponsor of Continuing Teacher and Leader Education (CTLE). This designation means that participants can apply their time at our workshops towards their required CTLE hours. A Registered holder of a professional classroom teaching certificate, educational leadership certificate, or Level III teaching assistant certificate is required to successfully complete 100 clock hours of acceptable CTLE during the registration period if they practice in an NYS school district or BOCES. The CTLE requirement may be completed at any time during the registration period.

Phi Eta Sigma – Freshman Honors

Purpose: To encourage and reward high scholastic attainment among freshmen in institutions of higher learning.

Eligibility: Students with a GPA of 3.5 during the first semester of college are automatically eligible for membership, provided they are full-time students.

Phi Sigma Iota-Foreign Languages

Purpose: Phi Sigma Iota is an international honor society and recognizes the outstanding ability and achievement of students and faculty in foreign languages, literature 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 GPA in all language courses as well as an overall 3.0 GPA, and faculty recommendation and approval. Graduate students must have a 3.5 GPA and faculty recommendation and approval. Faculty memberships for qualified personnel are offered. For further information, call 516-299-2385.

Phi Sigma Tau – Philosophy

Purpose: To serve as a means of awarding distinction to students having a high scholarship and personal interest in philosophy; to promote student interest in research and advanced study in this field; to provide opportunities for the publication of student research papers of merit; to encourage a professional spirit and friendship among those who have displayed marked ability in this field; to popularize interest in philosophy among the general collegiate public.

Eligibility: All undergraduate candidates for membership should (1) have completed three semesters of university study, (2) rank in the upper 35% of their class, (3) have completed at least two university courses in philosophy, and (4) have maintained a minimum average of 3.67 in philosophy coursework. Students must maintain this minimum grade point average in order to...
remain regular members. For further information, call 516-299-2341.

**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 GPA are eligible for induction into the honor society. For further information, call 516-299-2716.

**Pi Gamma Mu – Social Sciences**

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

**Eligibility:** Any person of good moral character who is, or was, an officer, member of the teaching staff, alumnus, graduate student, senior or junior in college, university, or other institution of higher learning, where there is a chapter of Pi Gamma Mu, may be elected to membership by a majority vote of the chapter under the supervision of chapter faculty members or by a committee of chapter faculty members. Such a person must have had at least 20 semester hours of social science with an average grade therein of not less than B or 85 percent and has further distinguished himself or herself in the social sciences. Only students in the upper 35 percent of their class may be admitted to society. For further information, call 516-299-2408.

**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.

**International Eligibility:** For active student membership, the student must be enrolled in an accredited college or university, and must have completed 12 quarter (eight semester) hours of psychology, or nine quarter (six semester) hours and be registered for at least three quarter (2 semester) hours of psychology in addition, or equivalent credits in psychology. They must be registered for major or minor standing in psychology, or for a program in psychology, which is equivalent to such standing.

**Eligibility:** In addition to the international requirements, undergraduate students wishing to join the LIU Post chapter must have a minimum psychology GPA of 3.50, a minimum overall GPA of 3.00, and must have completed both PSY 53 (Statistics) and PSY 21 (Experimental Psychology 1). Graduate students must have an overall GPA of 3.50.

For further information please contact the Psychology Department at 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:** Each candidate must have completed 18 credits in Spanish, including 3 credits in Hispanic literature or Hispanic culture and civilization at the 3rd year level. The student must have a minimum grade point average of 3.0 in all Spanish courses taken. The candidate MUST have earned grades in completed Spanish courses in order to qualify for membership. The student must have a 3.2 cumulative grade point average. Graduate students may be elected to membership upon completion of 2 graduate courses in Spanish. 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.

**International Eligibility:** 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.
The LIU Libraries serve a combined total of over 15,000 students, more than 500 full-time faculty members, and over 1,000 part-time faculty across residential and regional campuses, as well as the university’s international sites. The university’s libraries share many online resources that can be accessed from anywhere at any time via remote access including subscriptions to more than 338,000 online journals, 230 online databases, 287,000 electronic books, and 17,700 files of streaming media.

Collectively, the university’s libraries house approximately 627,000 print books and more than 13,600 non-print media items. The collections of all LIU libraries are listed in LIUCAT, the library catalog. Books, journal articles, and other library materials owned by LIU’s libraries, but not available at a particular campus, can be requested through LIUCAT and supplied via LIU’s intralibrary loan service. Items not available at the LIU libraries can be obtained through interlibrary loans and sent to the campus or delivered electronically. In addition, the LIU Libraries administer the Digital Commons @ LIU, an open access online repository that preserves, promotes, and disseminates the academic work of LIU students and faculty.

As the intellectual center of each campus, the LIU Libraries prepare LIU students for academic success, lifelong learning, and being responsible global citizens. The LIU Libraries are committed to supporting the mission of the University, and to learning and inquiry, as well as the creation of new knowledge and its dissemination.

The LIU Libraries provide reference, instruction, research, circulation, reserves, and interlibrary loan services. The LIU Libraries have computers for student use, wireless access, a variety of seating options, including individual study carrels, quiet and group study space, and copy and scanning facilities. These computers and other computers in the library, are also equipped with productivity software such as word processing, spreadsheet, and presentation programs. The university’s libraries also have instructional labs, equipped with computers that provide access to databases, the library catalog, and the Internet as well as up-to-date word processing, spreadsheet, presentation, and database programs. Printing and scanning facilities are available for student use.

Archives and Special Collections are available at the LIU Brooklyn and LIU Post libraries. Highlights of the Special Collections at the LIU Brooklyn Library include the Artist Books Collection, the New York African Society for Mutual Relief Collection, the Robert C. Weinberg Collection, and the Seawanhaka Student Newspaper Collection. The LIU Post Library houses more than 30 distinguished rare book collections and 75 major archival collections. Highlights include the pre-eminent American Juvenile Collection; the Archives of LIU and LIU Post; the Original Movie Poster Research Collection; Theodore Roosevelt Association Collection and Cedar Swamp Historical Society Collection (Long Island); the Eugene and Carlotta O’Neill Personal Library; and the Winthrop Palmer Collection: French & Irish Literature. The Digital Initiatives (DI)/Art Image Collection at the LIU Post Library has a collection of slides in multiple formats, a growing collection of digital images, including the William Randolph Hearst Archive.

The LIU Libraries also have a media collection at each campus library. The multimedia collections and media equipment are available to support curricular needs. The Instructional Media Center (IMC) is the multimedia resource center and the K-12 curriculum center for LIU Post. In addition, the LIU Brooklyn Library’s Cyber Lab, a “green” lab, its “smart” instructional labs, and the LIU Post Library’s Instructional Lab.

The LIU Libraries provide remote access 24/7 and offer specialized tools such as Journal Finder and LibGuides to support the teaching, learning, and research requirements of the faculty and students. In addition, the university’s libraries are members of several consortia, providing additional resources and services to LIU users.

In addition to information literacy classes and curriculum-integrated instruction, the LIU Libraries provide a wide range of reference services including drop-in, telephone, email, chat, and text reference services. Research consultations by appointment are also available to users. Library faculty and staff are available to help students and faculty with reference questions and research strategies.
POLK SCHOOL OF COMMUNICATIONS

Named for intrepid CBS correspondent George Polk, the George Polk School of Communications at Long Island University builds on the extraordinary history and unparalleled reputation of the prestigious George Polk Awards in Investigative Journalism. Graduates of the Polk School will carry forth the highest standards of professionalism and integrity represented by the extraordinary Polk Laureates, a list that includes Bob Woodward and Carl Bernstein, Walter Cronkite, Edward R. Morrow, Christine Amanpour, Peter Jennings, Dian Sawyer, Norman Mailer, Seymour Hersh, Jane Ferguson, Glenn Greenwald, Anna Devere Smith, and other journalists of distinction.

Led by an interdisciplinary faculty and practitioners who excel in the professional world and/or who are accomplished scholars, the Polk School innovates on the cutting edge of media, communications, and journalism.

Guided by LIU’s pioneering spirit, the Polk School attracts students from around the region, country, and world to a vibrant campus community located in Long Island near the heart of the media capital of the world, New York City. Students engage in experiential learning opportunities that maximize the enriching environment and continuous dynamism that surrounds them.

Undergraduate degrees offered through the Polk School include bachelor's degrees in Journalism and Communications.

DEPARTMENT OF COMMUNICATIONS

The Department of Communications prepares students for dynamic, rewarding, and creative careers in media and communications fields. It offers in-depth practical experience with technologies currently used in the industry, along with a strong foundation in theory, ethics, aesthetics culture, and history. The Department of Communications offers 2 undergraduate degree programs: the B.S. in Communication and the B.F.A. in Journalism.

Degree programs emphasize writing skills, development of creative thinking, and mastery of critical technologies to prepare students for fruitful careers in the fields of communications and media. Liberal Arts courses enrich each program by providing the broad background media professionals need today to meet the demands for diverse media content for diverse audiences and to contribute fully as creative artists who will contribute to our culture.

B.S. Communications

The Communications B.S. program is designed to provide an introduction to the knowledge and skills needed for careers in today's expanding media world.

Building on a general study of the communications field, the program provides technical experiences in the creation of digital moving images, digital and print journalism, audio technology, as well as the fundamentals of researching, reporting, and writing across many media platforms. The project-based curriculum is structured to develop creative capacities in both individual and group work, foster critical thinking and cultural awareness, helping to prepare students to live in today's multi-faceted society.

Graduating with this Bachelor of Science degree will prepare students for employment in a wide range of private and non-profit sector businesses that increasingly require a diverse set of communications skills.

B.S. Communications

[Program Code: 39853] [HEGIS: 0605.0]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.A. Communications must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Writing II</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; Natural World</td>
<td>4</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3</td>
</tr>
<tr>
<td>Additional course from one cluster</td>
<td>3-4</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Communications (12 courses, 36 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDST 6 Intermediate Television</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Writing Course

Choose one (3 credits) from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOU 4 Beat Reporting</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 9 Screenwriting I</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Production Course

Choose one (3 credits) from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDST 46 Web Video Production</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 24 Video Documentary Workshop II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

BDST 27 Applied TV Communications Electives

Choose two (6 credits) from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDST 4 Digital Audio Production</td>
<td>3.00</td>
</tr>
<tr>
<td>BDST 25 Intermediate Television: Field Production</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 4 Major Figures in the Cinema</td>
<td>3.00</td>
</tr>
<tr>
<td>COM 87 Internship</td>
<td>3.00</td>
</tr>
<tr>
<td>JOU 20 Photojournalism</td>
<td>3.00</td>
</tr>
<tr>
<td>JOU 52 Interviewing Skills for Media</td>
<td>3.00</td>
</tr>
<tr>
<td>PR 36 Marketing for Media</td>
<td>3.00</td>
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</table>

Communications Capstone Requirements (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 91 Captions 1</td>
<td>3.00</td>
</tr>
<tr>
<td>COM 92 Captions 2</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Credit Requirements
Major Required Credits: 54 credits  
Minimum Total Credits: 120  
Minimum Liberal Arts Credits: 60

**B.F.A. Journalism**

Journalism is a challenging and fast-paced career, and today's journalists are multi-media practitioners with sharp analytic skills. Our program is based on the fundamentals of writing, reporting, and storytelling, using a hands-on approach, rooted in the ethics of journalism: critical thinking, fairness, and accuracy. It features courses in print, video, audio, photojournalism, web, and streaming technologies conveyed on digital platforms. Our program develops practical knowledge and conceptual foundations for work in varied forms of print, broadcast, and online journalism, as well as preparation for graduate study in journalism and related fields.

Journalism majors study in small classes with professors who have extensive professional experience. They sharpen their skills with reporting for The Pioneer, the LIU Post student newspaper; PTV, the campus television station, and at WCWP, the campus radio station. Students also gain real-world experience at internships at some of the nation’s top newsrooms, including Newsday, MTV Networks, ABC-TV, NBC-TV, WFAN Radio, News 12 Long Island, and The Associated Press.

Campus resources for Journalism majors include state-of-the-art television and radio studios, a journalism lab and newsroom, HD video cameras and digital editing suites with professional level computers and software.

**B.F.A. Journalism**  
*Program Code: 81359*  
*HEGIS: 0602.0*

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.F.A. Journalism must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum (32-33 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>POST 101</td>
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</tr>
<tr>
<td>First-Year Seminar</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing I</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
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<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td></td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td></td>
<td>3 credits</td>
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</table>

**AND**  
**Required Journalism Courses: (42 credits)**

<table>
<thead>
<tr>
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<tr>
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</tr>
<tr>
<td>JOU 4</td>
<td>Beat Reporting</td>
<td>3.00</td>
</tr>
<tr>
<td>JOU 20</td>
<td>Photojournalism</td>
<td>3.00</td>
</tr>
<tr>
<td>JOU 5</td>
<td>Writing for Electronic Journalism</td>
<td>3.00</td>
</tr>
<tr>
<td>JOU 52</td>
<td>Interviewing for Media (Fall only)</td>
<td>3.00</td>
</tr>
<tr>
<td>JOU 41</td>
<td>Newspaper Laboratory**</td>
<td>3.00</td>
</tr>
<tr>
<td>JOU 56</td>
<td>Electronic Newscast</td>
<td>3.00</td>
</tr>
<tr>
<td>PR 38</td>
<td>Social Media Tools</td>
<td>3.00</td>
</tr>
<tr>
<td>BDST 25</td>
<td>Video Field Production</td>
<td>3.00</td>
</tr>
<tr>
<td>BDST 46</td>
<td>Web Video Production</td>
<td>3.00</td>
</tr>
<tr>
<td>JOU 91</td>
<td>Senior Research (Fall of Senior Year)</td>
<td>4.00</td>
</tr>
<tr>
<td>JOU 92</td>
<td>Senior Thesis &amp; Portfolio (Spring of Senior Year)</td>
<td>4.00</td>
</tr>
<tr>
<td>JOU 89</td>
<td>Independent Study - special interest reporting</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Journalism Courses:** Courses that are not being used to satisfy major or core requirements. Students must take 5 (15 credits) of JOU electives.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDST 63</td>
<td>Applied Radio 63</td>
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<tr>
<td>JOU 12</td>
<td>Investigative Journalism</td>
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</tr>
<tr>
<td>JOU 40</td>
<td>Topics in Journalism</td>
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<tr>
<td>JOU 6</td>
<td>Feature Writing</td>
<td>3.00</td>
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</table>

**Credit Requirements**

Major Required Credits: 76 (includes co-related classes and major electives)  
Minimum Total Credits: 120  
Minimum Liberal Arts Credits: 30 (normally filled by core)
### Communications Courses

**COMM 1 Cross-Media Communications: Introduction to Research Models**
This course introduces students to research methods in communications, with particular attention to issues of race, ethnicity, class and sexuality that arise in the media professions today. The goal is to provide a forum for organized discussion and a framework for developing the students' research approaches. Students will work individually or in pairs to create class presentations to discuss and analyze current issues in communications. This leads them developing critical perspective they can apply to their future research projects. Additional topics include historical, socioeconomic, and institutional influences on media, including print, film, video, radio and online content.

*Credits: 3*
*Annually*

**COMM 2 Communications Research Methods**
This course develops students' skills in research methods in communications, with a focus on issues of race, ethnicity, class and sexuality that arise in the media professions today. Equal emphasis will be placed on research and production methodologies for creating media in relationship to key topics. Each student will develop a project based on these discussions which will serve as a stand-alone piece in their portfolio, or lead to a larger project which can become their capstone work. A prerequisite of COMM 1 is required.

*Credits: 3*
*Annually*

**COMM 87 Internship**
This course allows a student in Communications to earn credit for internship work in a media company or other approved setting. Students will exercise their skills in technology, writing and good communication practices, and hone their career interests. The student must devote 120 hours to earn three credits. All internship sites must be approved beforehand by the program faculty. Each student is assigned to a faculty mentor who will oversee the internship and assign progress reports. Students choose a possible internship site, and apply for the positions on their own with the guidance of their faculty mentors. The faculty mentor assess progress in consultation with the firm's on-site internship supervisor.

*Pre-requisites: Senior status, B+ GPA in major*
*Credits: 3*
*Every Semester*

**COMM 92 Capstone 2**
This is the second semester of the capstone project and is when the media project is produced. This project builds on the research and development done in the first capstone semester. This can be a piece produced in a single media or multi-media formats, and is a major piece for the student's portfolio. Students continue to meet each week with their faculty advisor and develop a workplan for the production and initial distribution of their media project.

*Pre-requisites: COMM 91 and B+ average in the major.*
*Credits: 3*
*Every Semester*

**COMM 92 Capstone 2**
This is the second semester of the capstone project and is when the media project is produced. This project builds on the research and development done in the first capstone semester. This can be a piece produced in a single media or multi-media formats, and is a major piece for the student's portfolio. Students continue to meet each week with their faculty advisor and develop a workplan for the production and initial distribution of their media project.

*Pre-requisites: COMM 91 and B+ average in the major.*
*Credits: 3*
*Every Semester*

**COMM 389 Honors Thesis**
See Honors Program Information for description and procedures.

*Honors students only.*
*Credits: 3*
*On Demand*

**COMM 390 Honors Thesis**
See Honors Program Information for description and procedures.

*Honors students only.*
*Credits: 3*
*On Demand*

### Media Arts Courses

**CMA 9 Introduction To the Media Arts**
In this introductory class students analyze mass media and their impact on society and culture. Studies of various media forms and content are used to explore questions about the relationship among media, their audiences and the culture at large. Special attention is paid to new media such as social media and digital games and their implications for social interaction. Writing intensive sections available on occasion. Not open to students whose majors are in the Department of Communications and Film. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.

*Prerequisite of Non-Majors only is required.*
*Credits: 3*
*Annually*

**CMA 10 Media Law and Ethics**
This course is an opportunity for students to gain an understanding of the media environment, media law, ethics, its history, its present and its prospects. The goal is to acquaint students with the American Government System, Supreme Court Cases, mass media and their social structures. Case studies lead to discussions about the role of media ethics, freedom of expression, transnational communication and social media worldwide. The class ends with exchanges about future challenges in the field. By engaging in this work, students gain essential knowledge about cultural and global trends. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.

*Credits: 3*
*Every Spring*

**CMA 304 Introduction To Media Culture**
Introduces the student to ways of thinking systematically and critically about our mass-mediated culture. Critical and theoretical approaches to popular media are applied to a variety of genres drawn from radio, television, print media, on-line media and digital games. The aesthetic merit and social influence of media forms are considered. Students conduct small first hand research projects to assess media's impact. Students may take CMA 303 or 304 but may not take both.

*Prerequisite of Non-Majors as well as Honors College are required.*
Journalism Courses

JOU 3 Basic Reporting
The course is an introduction to the reporting and writing of news stories. Emphasis is on the fundamentals of journalism – accuracy, newsworthiness, balance, fairness and the importance of deadlines; basic news writing skills – spelling, grammar, AP style, use of quotes and attribution, and compelling news leads; and basic reporting techniques – good interviewing skills and the use of social media, sources, databases and the internet to background stories and to find news.
Credits: 3
Every Fall

JOU 4 Beat Reporting
This is a skills based course in beat journalism, a system of assigning reporters full time responsibility for covering specific topics such as crime, politics, education, the environment or education. Students will choose a beat (in consultation with their teacher), and through that beat, they will expand basic reporting and writing skills, learning how to recognize stories on a beat and research them to the point where they become stories that matter to the public they serve. Within their beats, students will explore how to develop a variety of sources, distinguish between spin and facts, search through documentary material to inform their writing, use math to tell their stories and develop charts, and create other images that will enhance their story telling skills.
Credits: 3
Every Spring

JOU 5 Writing for Radio, TV and Web
What are the elements of good web-based journalism? Radio! TV! This course will explore emerging forms of media, and cultivate the skills needed to succeed in the new digital multi-media landscape, and how to write for different platforms, including web, radio and television.
This course aims to familiarize students with what makes for effective storytelling. By the end of this course, we will know what our responsibilities are as storytellers in 2021, and have experience telling stories effectively.
Credits: 3
Every Fall

JOU 20 Photojournalism
Photography is a powerful storytelling tool. This is a hands on course in which students will learn how to craft compelling visual narratives. The course will emphasize conceptualizing ideas and mastering the tools needed to produce high-quality stories using photography. The class will analyze professional work in the media to discover what holds public attention. Students produce weekly assignments, a simple photo essay and a the photo essay project with text. These are all excellent pieces for each student's portfolio.
Credits: 3
Every Spring

JOU 40 Topics in Journalism
This course is an opportunity to offer students special topics in journalism with a focus on contemporary developments in the field. The course may be led by an invited professional in the field.
Prerequisite of JOU 3 is required.
Credits: 3
On Occasion

JOU 41 Newspaper Laboratory
Students earn 3 credits for making a significant weekly contribution to the student newspaper. Students are required to attend weekly staff meetings, and meet regularly with the editors and faculty adviser. Course stresses news-gathering, writing, revising, and teamwork. At the end of the course, students have a portfolio of published work.
Course is open to students of all years and majors who would like to work on the newspaper staff as reporters, photographers, artists, editors, layout staff, or in other capacities. Course may be taken multiple times for credit.
Credits: 3
Every Semester

JOU 44 Electronic Newsgathering
This is a hands-on digital media news production course where students in journalism and broadcasting collaborate to create news programs for television and digital platforms. Students work in teams, rotating roles, as they learn to plan, report, write, shoot and edit news packages and produce a newscast in the television studio setting.
This course prepares students for work in news production across multiple media platforms. Cross-listed with Bdst 54
Credits: 3
On Occasion

JOU 46 Applied Radio News
This is a practicum for students with radio experience who wish to refine their skills in news writing and anchoring for a news broadcast. This is a hands-on course and students produce news programming with the University radio station.
Students gain experience that will help prepare them for internships in digital audio settings, as well as develop material for their portfolios.
Credits: 3
On Occasion

JOU 47 Journalism Internship
This course is an opportunity to carry classroom experience into on-the-job situations. The student will work for 120 hours at a news or media organization that makes significant use of the student's journalistic training. Hours are arranged by the student and the on-site supervisor. Regular meetings with the faculty mentor, evaluation reports, weekly logs and a final evaluation are required. May be taken twice for credit.
Prerequisite of Junior or Senior in good standing, program director's approval are required.
Credits: 3
Every Semester

JOU 89 Journalism Independent Study
This course is a faculty-guided, independent research and/or writing project arranged with the instructor. Student must meet regularly with the faculty mentor and devote 120 hours during the semester to the independent project. The student and faculty mentor agree on a plan of study and the deliverables. Independent study may be chosen only when the student has a strong interest in a subject area that is not covered in another course.
Prerequisites of Junior or Senior status and permission of the Program Director is required.
Credits: 1 to 3
On Occasion

JOU 91 Journalism Senior Research
In this course, seniors carry out research in preparation for a major investigative journalistic piece, research paper, or a journalistic media project. Independent work is guided in regular meetings with a faculty mentor. An annotated bibliography, evidence of research conducted, outline and production plans must be completed by the end of the semester. This course is followed by JOU 92 in the following semester. This represents a major piece for the student's portfolio.
Senior status required.
Credits: 3
Every Semester

JOU 92 JOU: Senior Thesis & Portfolio
After successful completion of JOU 91, the student produces the work. This is a substantial investigative piece, a research paper, or a media-based journalistic project, and serves to advance the student's interests and skills. Independent work is guided through regular conferences with a faculty mentor. JOU 91 and 92 may not be taken in the same semester. At the end of JOU 92, the student submits the completed senior thesis project as well as a portfolio that features a current resume and samples of professional multimedia work, including writing, audio and video work. This becomes the student's portfolio of work.
Senior status required.
Credits: 4
Every Semester

JOU 385 Journalism Honors Tutorial
See Honors Program information for details.
Honors students only.
Credits: 3
On Demand

JOU 390 Honors Thesis
See Honors Program information for details.
Honors students only.
Credits: 4
marketing, customer relationship management, promotions, viral marketing, networking and other innovative strategies. These marketing strategies are applicable to cultural projects such as films, plays, books and fine art, making this course valuable for all students interested in the Arts.

Credits: 3
Every Spring

PR 38 Social Media Tools
Social networks like Twitter, Facebook and Instagram have become platforms for brands and organizations to connect and communicate directly with their audiences and are now integral parts of well-rounded public relations campaigns. Students will learn about the various networks and apps available, how to leverage them effectively using best practices, and strategically integrate these platforms into an overall communications plan with appropriate listening and measurement metrics.

For PR majors, PR2 is a prerequisite or permission of the Program Director. For FM majors, FM30 is a prerequisite. Open to declared Music Entrepreneurship & Jazz Studies Minors, with prerequisites of PR1 and CMA5.

Credits: 3
Every Fall

PR 87 Internship
This internship opportunity permits the advanced student to supplement classroom instruction with real-world experience. After preparation of a resume for review by the faculty mentor, the student selects an appropriate internship geared to the individual student's interests and abilities. The student works at least 120 hours per semester, with times arranged by the student and employer. Meetings with a faculty mentor, reports, and a final paper are required.

Prerequisites of Junior or Senior status, with a 3.0 G.P.A., and permission of the Program Director. 3 credits.

PR 89 Advanced Independent Study in PR
This independent course is an individual, faculty-guided study of a topic chosen by the student in consultation with the faculty mentor, only when the student cannot fulfill credit requirements through scheduled classes. The student meets regularly with the faculty mentor to discuss progress. The faculty mentor will approve the project.

Prerequisites of Junior or Senior status and permission of the Program Director is required.

Credits: 1 to 3
On Demand

PR 91 Capstone I
The first of two capstones in the major, this course reflects on the student's breadth of knowledge in the development, concepts, principles and practices of public relations. Students design a project in coordination with a faculty mentor that utilizes two forms of media. This is the research semester for this project, and student and mentor meet weekly as the planning and research are undertaken. By the end of the semester, the student is ready to produce the project, and will register for PR 92 the following semester.

Prerequisites: Senior status in Public Relations, PR 20, PR 25, PR 70 and director permission. 3 credits.
*PR 91 and PR 92 may not be taken in the same semester NO LONGER a WAC course.

Credits: 3
On Demand

PR 92 Capstone II Project & Portfolio
During this semester the capstone project that has been researched and organized by the student, and approved by the faculty member will be produced by the student. The student and advisor will continue to meet each week during the semester. When complete, the student will present the project to a group of students and faculty members. Additionally, the students will compile content and produce a digital portfolio of their course and experiential work. This is an important step in the transition from school to the world of work.

Prerequisites: Senior status in Public Relations, PR 91, and permission of the Program Director. 4 credits. *PR 91 and PR 92 may not be taken in the same semester.

Credits: 4
On Demand

This courses builds student confidence and skills in speaking in various face-to-face settings. Principles of speech composition and public address with emphasis on effective speaking and fundamentals of voice and diction are covered in this course. Students prepare and deliver short speeches to their peers on various assigned topics for critical analysis and feedback.

Credits: 3
Every Semester

Public Relations Courses

PR 2 Writing and Editing for Public Relations I
Public relations writing and techniques designed to obtain publicity are explored in this course. Students develop the analytical and writing skills required in the field. This writing course covers the styles and approaches required for writing press releases, photo captions, backgrounders, public service announcements, and media alerts. It covers what makes news, types of stories that interest media, and media information in general. Media and message targeting to appropriate audiences are examined and evaluated through the preparation of various written public relations instruments.

Credits: 3
On Occasion

PR 36 Digital Marketing Tools
Using case studies of actual scenarios, students learn how businesses and non-profits apply strategic online tactics to increase engagement, bring new ideas into the public sphere, drive traffic and provide prospective members of the public and consumers with a service or information. This course provides an understanding of a wide variety of internet operations, such as search engine optimization, search engine marketing, email
SCHOOL OF FILM AND DIGITAL MEDIA

The School of Film and Media prepares students for vital, rewarding, and creative careers in the increasingly multifaceted fields of Film and Broadcast Media. Through interdisciplinary, hands-on, practical opportunities students work with cutting edge technologies and learn from established industry professionals how to bring their unique voices to bear in today’s dynamic media environment. By means of its radio and television stations as well as its exceptionally equipped production facilities, The School of Film & Media offers students a vibrant and creative hub to launch their professional careers. Degrees offered include: BFA Degrees in Broadcasting and Film.

B.F.A. Broadcasting

The Bachelor of Fine Arts in Broadcasting opens students to the world of digital radio, digital video, web content, and multimedia production. It also provides a strong foundation through exposure to the history, cultural significance and social/economic role of media. This major prepares students for careers as varied as documentary producers, web video producers, news anchors, writers, radio broadcasters, and interview hosts. Courses cover the technical and creative aspects of this field, including new technologies, digital audio, and video production and editing as well as narrative development and cultural dimensions of media. Students will work behind the scenes, writing scripts for broadcasts and operating television and radio equipment, and also practice on-air skills through work at LIU Post’s TV station, PTV, and radio station, WCWP. Students develop an understanding of a variety of story-telling styles and formats in radio, television, and web-based media. LIU Post Broadcasting students intern at some of the nation's top media organizations, including CBS, MTV Networks, NBC TV, Z-100, WBAB, WFAN Radio, HGTVC and News 12, Long Island.

B.F.A. Broadcasting

[Program Code: 81358] [HEGIS: 0605.0]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.F.A. Broadcasting must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum

(32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
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<tr>
<td>Writing I</td>
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<td>Writing II</td>
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<td>Quantitative Reasoning</td>
<td>3</td>
</tr>
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<td>Creativity, Media &amp; the Arts</td>
<td>3</td>
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<tr>
<td>Perspectives on World Cultures</td>
<td>3</td>
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<tr>
<td>Self, Society &amp; Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3</td>
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<tr>
<td>Additional course from one cluster</td>
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<td>Major Requirements</td>
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<tr>
<td>Required Broadcasting Senior Project/Honors Thesis: (3 credits)</td>
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<td>Required Broadcast Course List 1: (3 credits)</td>
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Major Requirements

Required Media Arts Core: (18 credits)

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<td>BDST 12</td>
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<td>CMA 4</td>
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<td>JOU 5</td>
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<td>ORC 1</td>
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<td>CIN 24</td>
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<td>CGPH 16</td>
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<tr>
<td>Required Major Courses: (30 credits)</td>
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Required Major Courses: (30 credits)

<table>
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<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Digital Audio Production</td>
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</tr>
<tr>
<td>Intermediate Television Production Studio</td>
<td>3.00</td>
</tr>
<tr>
<td>Producing: Concept to Audience</td>
<td>3.00</td>
</tr>
<tr>
<td>Intermediate Television Production Field</td>
<td>3.00</td>
</tr>
<tr>
<td>Advanced Digital Audio Production</td>
<td>3.00</td>
</tr>
<tr>
<td>Video for the Web</td>
<td>3.00</td>
</tr>
<tr>
<td>Creating the Television NewsCast</td>
<td>3.00</td>
</tr>
<tr>
<td>Advanced Digital Editing</td>
<td>3.00</td>
</tr>
<tr>
<td>Basic Reporting</td>
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Required Co-related Course List 1: (3 credits)

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<tbody>
<tr>
<td>ART 4</td>
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<td>CGPH 16</td>
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Required Co-related Course List 2: (3 credits)

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<tr>
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<th>Credits</th>
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<tbody>
<tr>
<td>Advanced Digital Audio Production</td>
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</tr>
<tr>
<td>Video for the Web</td>
<td>3.00</td>
</tr>
<tr>
<td>Creating the Television NewsCast</td>
<td>3.00</td>
</tr>
<tr>
<td>Advanced Digital Editing</td>
<td>3.00</td>
</tr>
<tr>
<td>Basic Reporting</td>
<td>3.00</td>
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</tbody>
</table>

Credit Requirements

Major Required Credits: 72
Minimum Total Credits: 120
Minimum Liberal Arts Credits: 30

B.F.A. Film

Majoring in Film at LIU Post will help you prepare for a career in directing, cinematography, editing, lighting, producing, screenwriting, as well as in film history and criticism. LIU Post is one of only a handful of colleges and universities where students start making films in their first semester.
Our faculty are all working professionals in diverse areas of the field, including writers, directors, cinematographers, documentarians, and critics – award-winning professionals with top-level experience and credentials. As a student, you will have the chance to master the new digital media technologies and develop your production design skills in our studio. You will get the valuable learning-by-doing experience that you need to succeed. Students do internships at the major networks, on film sets, and in editing houses, along with casting and producers' offices, and many more.

Along with a comprehensive, widely respected education in film, you will study a well-rounded liberal arts-based core curriculum with lifelong personal and professional values. You will be a member of a diverse, vibrant learning community in one of the region’s most inspiring academic settings.

B.F.A. Film
[Program Code: 79555] [HEGIS: 1010.0]

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.F.A. Film must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum
(32-33 credits)
POST 101 1 credit
First-Year Seminar 3 credits
Writing I 3 credits
Writing II 3 credits
Quantitative Reasoning 3 credits
Scientific Inquiry & the Natural World 4 credits
Creativity, Media & the Arts (excluding all CIN courses) 3 credits
Perspectives on World Cultures 3 credits
Self, Society & Ethics 3 credits
Power, Institutions & Structures 3 credits
Additional course from one cluster 3-4 credits
For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements
Required Film Courses (54 credits):
CIN 1 The Art of the Film/1900-1930 3.00
CIN 2 The Art of the Film/1931 to Present 3.00
CIN 5 The Art of the Documentary Film 3.00
CIN 6 Basic Motion Picture Production 3.00
CIN 7 Intermediate Motion Picture Production 3.00
CIN 8 Advanced Motion Picture Production 3.00
CIN 9 Screenwriting 3.00
CIN 10 Screenwriting 3.00
CIN 12 Intro to Editing and Sound 3.00
CIN 13 Intermediate Editing & Sound 3.00
CIN 15 Cinematography 3.00
CIN 28 Film Theory 3.00
CIN 24 Video Documentary Workshop 3.00
CIN 35 Production Laboratory 3.00
CIN 36 Production Laboratory 3.00
CIN 37 Film Production Lab-Practicum 3.00
CIN 38 Film Production Lab Practicum 3.00
CIN 44 Interdisciplinary Concepts- Directing 3.00

3 courses from the following (9 credits):
CIN 3 Major Forces in the Cinema 3.00
CIN 4 Major Figures in the Cinema 3.00
CIN 303 Film & Society 3.00
CIN 304 Film & Society 3.00

CIN 88 Must be taken twice (8 credits):
CIN 88 Film Thesis 4.00

Choose three courses from the following (9 credits):
CIN 14 Cinema and the Arts 3.00
BDST 4 Intermediate Sound Projects 3.00
JOU 52 Interviewing Skills for Media 3.00
CIN 44 Interdisciplinary Concepts 3.00
CIN 89 Advanced Individual Study in Cinema 3.00
CIN 99 Film Internship 3.00
CIN 359 Honors Advanced Elective 3.00
CIN 360 Honors Advanced Elective 3.00

Credit Requirements
Major Required Credits: 80
Minimum Total Credits: 120
Minimum Liberal Arts Credits: 30
Broadcasting Courses

BDST 4 Digital Audio Production
This course is designed to familiarize the student with digital audio production of ADR (Automated Dialogue Replacement) and Foley. Students will gain the ability to separate visual and sound information; develop a critical ear for recreated post production sound, and cultivate a creative process for layering tracks in Adobe Audition. These topics have applications in the fields of radio, television, film, multimedia, broadcast journalism and web production, and prepares the student for advanced work in audio production.
Pre requisites: BDST 11 and BDST 12
Credits: 3
Every Fall

BDST 27 Applied Television
This course is a learning laboratory where students work on Post Television productions. Each student becomes a member of PTV and is responsible for creating programs for the PTV television and Youtube channels. Focus includes responsible television production, self-reflection, and personal initiative.
This class helps students prepare for internships in fields of television, film, and digital journalism.
Pre requisites: BDST 11 and BDST 12
Credits: 3
Every Semester

BDST 6 Intermediate Television Productions Studio
The purpose of this course is to build skills in the disciplines and techniques of producing television in a studio environment. This course covers basic and intermediate production concepts including: project development, script writing, production proposal preparation, equipment operation, teamwork, and, most importantly, professional behavior. These topics have applications in all forms of media production and provide important opportunity for creative collaboration.
Pre requisites: BDST 11 and BDST 12
Credits: 3
Annually

BDST 11 Production Essentials Audio
This course introduces the student to the basics of digital audio production. Students are introduced to the principles of sound, analog and digital recording, and the basics of sound editing. These topics have application in all forms of journalism, broadcasting, film, and on the internet.
Credits: 3
Every Spring

BDST 63 Applied Radios Newsroom
This course is a learning laboratory where students work on Post Television productions. Each student gains experience that will help prepare them for internships in broadcasting and work in fields of news, documentary and narrative storytelling. Preparates students for upper level projects in field production.
Pre requisites: BDST 12 and BDST 57
Credits: 3
Every Fall

BDST 12 Production Essentials Video
This course introduces the student to basic skills in video and web production. Skills covered include: basic pre-production, three camera switched shoot, blocking, soundboard operation, creating a show rundown, single camera production, shot composition, and camera movement, as well as preproduction, post-production, storyboarding and scripting. These topics are essential in fields of tv, internet production, and digital journalism.
Credits: 3
Every Semester

BDST 25 Intermediate Television Field Production
Students explore non-studio television production techniques to create short video projects. Topics include single-camera shooting, project development, script writing, pre-production, and basic editing. This class is important preparation for work in fields of news, documentary and narrative storytelling. Preparing students for upper level projects in field production.
Pre requisites: BDST 12 and BDST 57
Credits: 3
Every Fall

BDST 27 Applied Television
This course is a learning laboratory where students work on Post Television productions. Each student becomes a member of PTV and is responsible for creating programs for the PTV television and Youtube channels. Focus includes responsible television production, self-reflection, and personal initiative.
This class helps students prepare for internships in fields of television, film, and digital journalism.
Pre requisites: BDST 11 and BDST 12
Credits: 3
Every Semester

BDST 30 Producing Concept to Audience
This course explores the fundamentals of creating, developing, pitching, producing, promoting, managing, and airing all genres of television. Topics include concept creation, testing the viability of a show idea, developing and presenting a pitch with supporting materials, pre-production planning, scheduling and budgeting, securing locations, talent, staff and crew, working with network executives, photo, video and music research and rights, post-production planning, involvement and impact of supporting departments including affiliate relations and promotions, and understanding television ratings. The class approach is participatory and students gain skills that are essential to today's media businesses.
Credits: 3
Every Fall

BDST 34 Advanced Digital Audio Production
This course gives students the opportunity to learn advanced digital audio recording and editing techniques with the goal of creating podcasts and sophisticated radio productions. Topics include sweepers, jingles, promos, underwriting announcements, and documentaries. These productions can air on the university radio station, The Wave. This class prepares students for work in fields of news, and in the growing world of podcasting and digital audio production.
Prerequisite of BDST 4 is required.
Credits: 3
Annually

BDST 36 Web Video Production
Students develop skills required to merge video production and web design. Topics include how to design, edit, export and display video for the web, and how to create a website. They will create and produce several short videos and post them to a website they have created. Each video will be part of a continuous narrative, bringing the user back to the site. These topics provide students important experience in all areas of internet based media, including journalism, public relations, television, and film.
Prerequisite of BDST 12 or permission of instructor is required.
Credits: 3
Every Spring

BDST 52 Interviewing Skills for Media
This class focuses on the elements of good interviewing skills across different media platforms. Topics include emerging forms of media, the new multi-media landscape, effective storytelling, and our responsibilities as storytellers. Students will conduct interviews for the web, radio and television. This class prepares students to become thoughtful interviewers across all media platforms.
Cross-listed with Jou 52
Credits: 3
Every Spring

BDST 54 Producing The Television Newscast
This is a hands-on digital media news production course where students in journalism and broadcasting collaborate to create news programs for television and digital platforms. Students work in teams, rotating roles, as they learn to plan, report, write, shoot and edit news packages and produce a newscast in the television studio setting.
This course prepares students for work in news production across multiple media platforms. Cross-listed with JOU 56
Prerequisite of BDST 25 or a Journalism major is required.
Credits: 3
On Occasion

BDST 57 Advanced Digital Editing
This course provides an in-depth look at the aesthetics and techniques of digital video editing. Topics include First, the history and evolution of motion picture editing, and visual grammar of storytelling. Hands on exercises will explore ways individual shots combine with sound to create a narrative, and methods of manipulating filmic time and space, as well as advancing non-linear editing skills to include a working knowledge of special effects and graphics. Knowledge and experience gained in this course prepares students for work across all multimedia platforms.
Prerequisite of BDST 12 or permission of instructor is required.
Credits: 3
Every Spring
The Senior Capstone - Working with a faculty

**BDST 91 Senior Capstone - Research & Writing**
This course is a practicum for students with previous radio experience who wish to produce recorded audio content utilizing studio equipment. Topics and practice in a wide range of recorded programming such as music, sports or talk shows. Students also gain experience engineering live programming that will air on the University radio. The work produced in this course is included in the student's portfolio and provides entry into fields of digital audio and digital journalism.

Pre-requisites: BDST 11 and BDST 12
Credits: 3
Every Semester

**BDST 66 Applied Radio OnAir**
This course is practical application in producing radio sports content including anchoring, color commentary, and play-by-play. Students also produce sports talk programming and sports-related podcasts. This course may be repeated for credit twice.

Pre-requisites: BDST 11 and BDST 12
Credits: 3
Every Semester

**BDST 87 Internship**
This course allows Broadcasting students to supplement classroom instruction with experience in professional settings. Goals and student deliverables are agreed upon between the student and faculty advisor. Faculty advisor coordinates with organization's on-site supervisor, and also assures organization adheres to agreed upon educational goals. Meetings with the faculty mentor and a final project are required. Students must have a B or better major average to be eligible for this course.

Prerequisite of Junior or Senior in good standing, program director's approval are required.
Credits: 3
Every Semester

**BDST 89 Advanced Independent Study in Broadcasting**
This course is an individual, faculty-guided exploration of a media-related topic chosen by the student in consultation with the faculty mentor. The student meets each week with the mentor as work on the project or research paper progresses. Independent studies must be taken only in the case where the topic of study is not available as a regular class, and where the student can present a compelling case for the chosen topic. Only students in good standing will be considered for this course.

Prerequisite of Junior or Senior in good standing, program director's approval are required.
Credits: 1 to 3
On Demand

**BDST 91 Senior Capstone - Research & Writing**
The Senior Capstone - Working with a faculty advisor the student develops the research and writing plan that will lay the foundation for the project to be produced in the second semester. Weekly faculty/student meetings are required, along with a set of agreed upon goals and deliverables. Topics include research, pre-production planning, writing treatment and script, interview preparation and schedule etc. Students must earn a B- or better in this course in order to proceed to BDST 92.

Seniors only.
Credits: 3
Every Semester

**BDST 92 Senior Project**
This is the second semester of the capstone project and is when the media project is produced. This project builds on the research and development done in the first capstone semester. This can be a piece produced in a single media or multi-media format, and is a major piece for the student's portfolio. Students continue to meet each week with their faculty advisor and develop a workplan for the production and initial distribution of their media project. BDST 91 and BDST 92 may not be taken in the same semester.

Prerequisite of BDST 91 is required.
Credits: 4
Every Semester

**BDST 386 Honors Tutorial**
See Honors program Website for information. Honors students only.
Credits: 3
On Demand

**BDST 389 Honors Thesis**
See Honors program website for description and procedures. Honors students only.
Credits: 4
On Demand

**BDST 390 Honors Thesis**
See Honors program website for description and Procedures. Honors students only.
Credits: 4
On Demand

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**Film Courses**

**CIN 1 The Art of the Film/1900-1940**
This course studies the birth and development of film as an art form and commercial venture from its original silent era to films produced in the years leading up to World War II. The Focus will primarily be on work produced in the United States, Europe Russia, and Japan. Topics include film aesthetics, technical innovations, consolidation of U.S. industry in Hollywood, and impact of this consolidation on women and people of color.

Credits: 3
Every Fall

**CIN 2 The Art of the Film/1940 to Present**
This class looks at cinema as it emerges from the postwar years. Spurred by the industrial world's new affluence and restless perspectives new forms of film storytelling emerge. Topics include Neo-Realism, the European films of the '60s-'70s, the Asian films of the '80s-'90s, or the "Third World" films of the new century. Through this course students will gain greater cultural awareness and the stronger tools for analysis.

Credits: 3
Every Spring

**CIN 3 Major Forces in the Cinema**
The influence of major movements in the cinema is examined in this course. Subject changes each semester. May be taken for a maximum of three semesters. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum. Students develop critical writing technique, skills of narrative and visual analysis, and an understanding of how film themes and techniques may reflect cultural and psychological concerns.

Credits: 3
Annually

**CIN 4 Major Figures in the Cinema**
The personal styles and influences of major directors are covered in this course. Subject changes each semester. Students develop critical writing technique, skills of narrative and visual analysis, and an understanding of how film themes and techniques may reflect cultural and psychological concerns. May be taken for a maximum of three semesters.

Credits: 3
Annually

**CIN 5 The Art of the Documentary Film**
This course looks at major contributors to documentary film from the 1890s to the present. The focus of the class will be on representing reality, and the issues that come into play when a media-maker sets out to do so. Topics include film themes, aesthetics, how perspective is revealed, and issues of race, class and gender

This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

Credits: 3
Alternate Fall

**CIN 6 Basic Motion Picture Production**
A workshop style class where students learn basic narrative visual communication skills through motion picture photography and production sound. Students will gain skills in working as a team member of motion picture production crew. Topics will also include Lens optics of 35mm, 16mm, HD motion picture, and the operation of Lavalier and shotgun microphones.

Co-requisite of CIN 12 is required.
CIN 7 Intermediate Motion Picture Production
Workshop style class that develops students' ability to create a short film from a three page script with sound. Students will learn standard scene coverage and sound sync production.
Topics include: Film concept and short treatment, Production scheduling, and introduction to directing.
Prerequisite of CIN 6 is required.
Credits: 3
Every Fall

CIN 8 Advanced Motion Picture Production
This workshop style course develops further the techniques of filmmaking and application of professional practice. Students have gained sufficient mastery of writing, shooting, lighting and editing to make a film that could be part of their portfolio. Topics include story and structure, new approaches to lighting and sound for film. Students work in small crews and produce a film to be shown at our end of year film festival.
Prerequisites of CIN 6 and 7 are required.
Credits: 3
Every Spring

CIN 9 Screenwriting I
By the end of the course, each student will complete a screenplay of approximately 15 pages in length, develop his/her ability to work as part of a writing team, give valuable criticism to classmates that assists in improving everyone’s writing and critical thinking. Topics include: character, theme, structure, visual storytelling. Students will produce a screenplay that they can make as a film in Production Lab, as their thesis or an independent study. This is a WAC class and thus also provides new opportunities for students to write in ways they may never before have, even if they do not turn their screenplays into films.
Prerequisites of ENG 1, 2, or permission of instructor are required.
Credits: 3
Every Fall

CIN 10 Screenwriting II
This goal of this course is to write the first draft of a feature length screenplay. A hands-on intensive writing class, students tackle the unusual medium of the feature screenplay as its own distinct creative challenge. It is unusual because it is neither a finished piece of writing nor a movie, but instead the primary building block upon which a movie is to be built. Analysis of films and scripts make up the other work of this class.
This course is a WAC class and fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Prerequisite of ENG 1, 2, CIN 9, or permission of instructor are required.
Credits: 3
Every Spring

CIN 11 History of World Cinema
From its humble origins as a curious invention in the 1890’s, movies have become one of the most influential mediums in American culture, and throughout the world. Silent and sound films from around the world will be screened and discussed each week. Topics include how films are constructed, how they make meaning, influence society, and reflect culture. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Credits: 3
Every Spring

CIN 12 Basic Editing and Sound
This workshop course is designed to give students basic skills in digital picture and sound editing, sound recording, and post production sound and mixing. Hands on exercises give students the opportunity to edit up to 14 scenes each, gaining sufficient skill to be able to move on to more complicated construction in the following semester. The skills taught in this class are foundational to work in film, television, digital journalism and internet-based media organizations.
Co-requisite of CIN 6 is required.
Credits: 3
Every Semester

CIN 13 Intermediate Editing & Sound
A workshop course designed for students to develop editing and sound skills in digital picture and sound editing, sound recording, and sound mixing. The skills of editing and post production sound are among the most sought-after in the media world today. Students are engaged in weekly exercises, and by the course’s completion have attained skill levels to cut short films, and to compete for internships successfully.
Prerequisite of CIN 12 is required.
Credits: 3
Every Fall

CIN 15 Cinematography
This workshop class is an intensive study of the motion picture camera and lighting technology. Students experiment with different lighting styles, camera composition and movement by doing weekly exercises. These are two of the essential areas of film and media production, but often under-studied. Students completing this class will have specialized knowledge that will enhance their opportunities of finding work on the many film and media sets and studios that make up the core of the production world.
Prerequisites of CIN 6 and 7 are required.
Credits: 3
Alternate Fall

CIN 22 Current Cinema in New York
This course meets once a week in New York City or in specialized movie houses on Long Island to explore little known films and filmmakers at museums, film societies, filmmakers, studios and art film theaters. Special ticket fee

CIN 24 Intro to Documentary Production
Students learn the basics of producing a short documentary film production. Topics include research, interviewing, budgeting, shooting styles, documentary editing, and initial engagement and distribution strategies. Non-fiction productions are widely seen in today's media world, and learning these types of skills enhances students' ability to find work.
Credits: 3
Every Spring

CIN 26 Intermediate Animation and Computer Graphics Workshop
This course is a continuation of CIN 25.
Prerequisite of CIN 25 is required.

CIN 28 Film Theory
This course is an analysis of theories related to realism, montage, narrative and non-narrative films. Writings by Eisenstein, Vertov, Bazin and others are examined and films are viewed and discussed. This class helps students gain skills of critical analysis and greater awareness of global cultures.
Prerequisite of CIN 1 or 2 is required.
Credits: 3
On Occasion

CIN 35 Production Laboratory
This workshop class gives students the opportunity of an intensive production experience, culminating in group-made professional-style films. Special emphasis in this course is on Producing, contracts, budgeting and the art of Production Design. Guests provide valuable first-hand experiences for the students, and they start to learn how to build relationships with working media professionals.
This is at the core of building a successful post-college career in the media world.
Prerequisites of CIN 6, 7, 8, 12, 13 and Co-requisite of CIN 37 are required.
Credits: 3
Every Fall

CIN 36 Production Laboratory
This workshop course is an opportunity to have an intensive production experience, culminating in group-made professional-style films. In this course the focus is on building engagement and distribution for projects. Case studies and guests provide source materials along side the process of students working together to create their own projects. A goal for this class is that students enter the films they make in Production Lab in outside the school film festivals. This class provides essential experiences for students to see themselves building lives after college.
Prerequisites of CIN 6, 7, 12, 13 and co-requisite of CIN 38 are required.
Credits: 3
Every Spring
CIN 37 Film Production Lab-Practicum
This workshop class gives students the opportunity of an intensive production experience, culminating in group-made professional-style films. In this semester teams of students write, learn producing skills, budgeting, pre-production organization, script breakdown, production design skills. Special emphasis on putting your strongest skills to work in a project you may yet have originated. This is at the core of building a successful post-college career in the media world.
Prerequisites of CIN 6, 7, 8, 12, 13 and a Co-requisite of CIN 35 are required.
Credits: 3
Every Fall

CIN 38 Film Production Laboratory
This workshop class is when the Production Lab scripts are realized as films. Producing, directing, cinematography, production design, sound, and editing take place. Visual materials and distribution proposals are created. Projects are viewed by other faculty in formal reviews before all elements are locked. This class gives students the opportunity to develop their skills and work successfully in a group to the level where they are able to work in professional settings.
Prerequisites of CIN 6, 7, 12, 13 and co-requisite of CIN 36 are required.
Credits: 3
Every Fall

CIN 36 Film Production Lab Practicum
This workshop class gives students the opportunity to experience the craft of acting first-hand and also begin to develop methodologies for an approach to directing actors for the screen through an understanding of the actor’s "tools" and actor vocabulary. Performance exercises, script analysis, and the concept of "organic blocking" will be explored through practical activities, screenings, readings, and discussions. Frequently team-taught.
Course may be repeated for credit with permission of the department.
Credits: 3
Annually

CIN 37 Film Thesis
The Senior Thesis Research semester is the first part of a producing a major piece for the student’s portfolio. Working with a faculty advisor, the student develops the research and writing plan that will lay the foundation for the project to be produced in the second semester. Students have wide range to develop a project that meets their interests. Weekly faculty/student meetings are required, along with a set of agreed upon goals and deliverables. Topics include research, pre-production planning, writing treatment and script, interview preparation and schedule etc. The skills and self-discipline required in this class are what is needed as students go out into the many media worlds. Students must register for two consecutive semesters. The second semester is devoted to the production of the project. Students maintain weekly meeting with advisor and they work closely to develop the project.
Credits: 4
Every Semester

CIN 89 Advanced Individual Study in Cinema
This course is an individual, faculty-guided exploration of a media-related topic chosen by the student in consultation with the faculty mentor. The student meets each week with the mentor as work on the project or research paper progresses. Independent studies must be taken only in the case where the topic of study is not available as a regular class. Film majors may repeat for a maximum of four semesters. Students may register for more than one section during a given semester as long as the number of units for each section differs. Only students in good standing will be considered for this course.
Credits: 1 to 4
Every Semester

CIN 99 Film Internship
This course allows Film students to supplement classroom instruction with experience in professional settings. Goals and student deliverables are agreed upon between the student and faculty advisor. Faculty advisor coordinates with organization’s on-site supervisor, and also assures organization adheres to agreed upon educational goals. Meetings with the faculty mentor and a final project are required.
Credits: 1 to 4
Every Semester

CIN 303 Film & Society
This course examines a selected topic (varying from year to year) in the relationship between sociopolitical issues and film as an art form, an entertainment medium, and an index of cultural and historical values. Emphasis is placed on relating movies to the times and places in which they were produced, and on interdisciplinary interpretations of cinematic texts. Screening of selected films are coordinated with lectures, readings on cinema and other subjects, and discussions of relevant ideas. Students are expected to do substantial reading, viewing, and researching on their own to enhance class discussions and to prepare for writing a term paper. Oral reports and in-class presentations may also be required. Students may take CIN 303 or 304 but may not take both.
Must be in Honors College
Credits: 3
On Occasion

CIN 385 Honors Tutorial
The research semester of the two semester Honors Thesis requirement.
Must be in Honors College
Credits: 4
On Demand

CIN 386 Honors Tutorial
The research semester of the two semester Honors Thesis requirement.
Must be in Honors College
Credits: 4
On Demand

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SCHOOL OF PERFORMING ARTS

Dedicated to professional training within a liberal arts environment, the School of Performing Arts prepares students for careers in Theatre, Dance, and Music. The school houses two academic departments and supports eight individual majors with multiple tracks of study. The School’s individual degree programs offer opportunities to engage in all types of performance, but we also support closely related areas of design, education, creative writing, and composition. The school challenges students to look forward because today’s creatives must be aware of emerging market trends in order to remain on the cutting edge of innovation. Creative thought, expression, and performance is at the heart of all we do, but the school also requires that students develop robust technical skills while engaging in productive collaboration/communication, critical analysis, and problem-solving. These skills, alongside and in concert with specific disciplinary expertise, allow students to develop the professional profile that will serve them today and for years to come.

DEPARTMENT OF MUSIC

The Department of Music provides a dynamic, intensive, and supportive environment that nurtures students’ talents as music educators, scholars, performers, songwriters, and music industry entrepreneurs. Our conservatory-style program, within a liberal arts university, brings a diverse array of performance and academic opportunities. We offer a full curriculum of bachelor’s and master’s degree programs taught by more than 40 nationally and internationally recognized performers, conductors, composers, researchers, and music educators. The Department of Music offers a variety of public performance opportunities to showcase students’ skills and talents, including solo student recitals, workshops, masterclasses, and concerts both on campus and at major concert halls in New York City and abroad.

Undergraduate degree programs include the B.S. in Music, the B.F.A in Music Technology, Entrepreneurship & Production, and in conjunction with the College of Education, Information and Technology, the B.M. in Music Education (Birth to Grade 12).

Music

The growing understanding of music theory and literature must be accompanied by increasing skill in some performing medium. Participation in Music Making Fundamentals such as performing ensembles, lessons, combos, and coaching is required in all undergraduate programs of study. Ensembles are offered for zero, one-half, or one credit per semester. Transcripts will reflect all participation in performing ensembles. All music majors must register for Convocation (MUS 4) each semester. Convocation meets at the designated activity hour and may include artist presentations and masterclasses. All music majors are also required to attend at least three Department of Music concerts/recitals per semester.

All music majors taking studio lessons are required to sing or play before a jury at the end of each semester of instruction.

The results of the jury performance will be reflected in the final grade.

All undergraduate music students are required to successfully complete (pass) the Music Theory Comprehensive Examination at the end of their junior year. Those seeking the Bachelor of Music in Music Education or the Bachelor of Science in Music are also required to successfully complete (pass) the Music History Comprehensive Examination. Students are permitted to pursue remedial coursework, as suggested by music faculty, and retake the comprehensive exams if the first attempt proves unsuccessful.

All music majors must achieve a grade of “C” or higher to be given degree credit for any MUS course. Students may not move on to the next level of any sequentially based series of MUS courses unless a grade of “C” or higher is achieved.

In order for music majors to maintain music major standing, and thereby have access to courses in their program, students pursuing the B.S. in Music and the B.F.A. in Music Technology, Entrepreneurship & Production (MTEP) must maintain a grade point average of 2.00 in their major (MUS courses for the B.S. in Music; MUS, ARM, CGPH, MKT and PR courses for the B.F.A. in MTEP) and a grade point average of 2.0 overall. B.M. Music Education students must maintain a 2.75 in their major (MUS, EDI, and EDS courses) and a grade point average of 2.50 overall. Should a student fall below the minimum grade point averages, the student will be considered on academic probation (see the section at the beginning of this bulletin on Academic Probation).

Professional Conduct

Students in our music programs are required to rehearse and perform. Professional behavior dictates attending scheduled rehearsals, performances, and other meetings of a performing group. Being on time and prepared for all such activities is essential.

B.S. Music

The Bachelor of Science in Music is for students who desire a strong music program, together with a well-rounded liberal arts education. The curriculum combines practical music instruction, including private lessons; classes in music theory and music history; elective credits that can be used toward your chosen music concentration; and traditional liberal arts courses in science, history, literature, economics, political science, philosophy, and foreign languages.

As a student in this program, you will work with faculty members who are active musicians with flourishing professional careers. In addition, you will have access to workshops and masterclasses 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 many ensembles, including groups that specialize in contemporary, traditional, and early music styles.

ADMISSION REQUIREMENTS

For admission to the Bachelor of Science program, evidence of prior music training experience and suitable music aptitude are expected. Auditions and placement exams are required for all programs. Deficiencies discovered through the placement exams may require remedial coursework. Please call the Department of Music at 516-299-2474 to schedule an audition at one of our audition days, or to make an appointment for an alternate date. Acceptance into the music program is also contingent upon acceptance to LIU Post. See the Freshman (www.liu.edu/post/freshman) or Transfer (www.liu.edu/post/transfer) admissions websites for more information.

AUDITIONS FOR ADMISSIONS

As a prospective undergraduate music major, you may compete through audition for performance awards.

Schedule

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

Auditions will be held each Winter & Spring. You can register to audition by completing the online Audition Registration Form on the website at www.liu.edu/post/music.

Requirements

Professional attire is expected.

For Instrumentalists (Classical):

- Two pieces of contrasting styles. These could be two complete pieces or individual movements from two different works.
- Major scales.
For Instrumentalists (Jazz):
- Demonstrate knowledge of scales and arpeggios.
- Sight-read an excerpt from a big band or combo arrangement.
- Perform (3) jazz compositions or standards of your choosing. Your 3 selections must include one up-tempo selection, one medium tempo, and one ballad. We recommend that one of your selections be a different feel other than swing, i.e. samba, straight eighth, cha-cha, etc. One of your selections must be blues. Please be prepared to prepare the melody and improvise on each tune (only a half-chorus is necessary on the ballad).
- Bassists: demonstrate your ability to play a “two-feel” and “walk” a bass line on each selection. Ability to demonstrate different Latin styles is encouraged. Doubling on electric bass is highly recommended. If you only play electric bass, we will encourage you to also study upright bass upon entering the program.
- Drummers: demonstrate the ability to use brushes on your ballad selection. You will be also asked to trade “4’s” or “8’s” on your medium or up-tempo selection. Ability to demonstrate different Latin styles is encouraged.
- Guitarists/Pianists: demonstrate your ability to “comp” on each selection.
- Presenting original compositions at your audition is highly recommended but not required.

For Vocalists (Classical):
- Two pieces of contrasting styles. One selection must be in a language other than English. The other Classical selection may be in English if desired, or another foreign language.
- Exploration of vocal range and aural abilities.

For Vocalists (Jazz):
- Two choruses of a medium swing jazz standard. Sing the melody and lyrics as noted on the first chorus and then embellish or improvise (scat) on some portion of the second chorus.
- A ballad from the Great American Songbook.

Accompanist: An accompanist will be provided if you require one, or you may bring your own accompanist if you wish.

Placement Exams:
The audition day includes evaluations in music aptitude, sight-singing, and music theory in addition to the performance audition. Deficiencies discovered through the placement exams may require remedial coursework.

B.S. Music

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. Music must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

Required Music History/Literature Courses:
- Music in Western Civilization I
- Music in Western Civilization II
- Music in Western Civilization III

Required Musicianship Core Courses:
- (18 MUS courses)
- (Program Code: 07019) [HEGIS: 1004.0]

Required Applied Music Courses: (4 credits)
- Music in Western Civilization I
- Music in Western Civilization II
- Music in Western Civilization III

Required Music Lessons
Eight (8) credits of MUS Studio Lessons must be completed on primary applied instrument from the following list:
- Violin (50A/B), Viola (51A/B), Cello (52A/B), Bass (53A/B), Jazz Bass (53C/D)
- Guitar (54A/B), Jazz Guitar (54C/D)
- Flute (60A/B), Jazz Flute (60C/D), Oboe (61A/B), Clarinet (62A/B), Jazz Clarinet (62C/D), Bassoon (63A/B), Saxophone (64A/B), Jazz Saxophone (64C/D)
- Trumpet (70A/B), Jazz Trumpet (70C/D), Horn (71A/B), Trombone (72A/B), Jazz Trombone (72C/D), Euphonium (73A/B), Tuba (74A/B)
- Percussion (80A/B), Jazz Percussion (80C/D)
- Piano (83A/B), Jazz Piano (83C/D)
- Voice (88A/B), Jazz Voice 88C/D

Lessons are offered every semester for 1 or 2 credits.

Required Performance & Ensemble Course
One of the following is required every semester:
- MUS 5 Chorus 1.00
- MUS 6 Wind Symphony 1.00
- MUS 7 Orchestra 1.00

Taken every semester:
- MUS 4 Music Convocation 0.00

Successful completion of the Music Theory Comprehensive Exam and the Music History Comprehensive Exam is required of all undergraduate music majors.

Credit Requirements
Major Required Credits: 50
Minimum Total Credits: 120
Minimum Liberal Arts Credits: 60

B.M. Music Education (Birth - Grade 12)

Joint Program with the College of Education, Information and Technology
Music teachers combine a love of music with a love of teaching. By highlighting performance, the Bachelor of Music in Music Education (Birth-Grade 12) recognizes that teachers teach by example as well as classroom instruction.

As a student in this program, you will work with faculty members who are highly experienced music education scholars and active musicians with flourishing professional careers and extensive networking connections in the music world. In
addition, you will have access to workshops and masterclasses conducted by high-profile musical artists from New York City and around the world. Music majors also perform on national and international tours organized and led by their professors. You also will have the opportunity to participate in many ensembles, including groups that specialize in contemporary, traditional, and early music styles.

The B.M. in Music Education program provides a strong foundation in musicianship, excellence in performance, and research-based pedagogical practice. Field-based experiences promote music teaching and learning in real-life situations and prepare students for New York State Initial Teaching Certification. The award-winning LIU Post collegiate chapter of the National Association for Music Education (NAfME) provides diverse teaching and learning opportunities for pre-service teachers including those that reach persons with special needs as well as Pre-K and aging populations.

Along with a well-rounded liberal arts curriculum and a core of courses in music history and theory and general classroom teaching, the program includes 12 credits of applied music: one-to-one lessons in your instrument or voice. All students give a recital in the first semester of their senior year, followed by a semester of supervised student-teaching.

As a music teacher, you will make an important difference in the lives of your students. While introducing young people to the joys of singing, playing, and listening to music, you will be contributing to their cognitive development, fine-motor competence, cultural awareness, and literacy skills.

ADMISSION REQUIREMENTS
For admission to the Bachelor of Science or Bachelor of Music programs, evidence of prior music training experience and suitable music aptitude are expected. Auditions and placement exams are required for all programs. Deficiencies discovered through the placement exams may require remedial coursework. Please call the Department of Music at 516-299-2474 to schedule an audition for an alternate date, call 516-299-2474 or contact us through email at post-music@liu.edu.

Requirements
Professional attitude is expected.

For Instrumentalists:
- Two pieces of contrasting styles. These could be two complete pieces or individual movements from two different works.
- Major scales.
- Sight-reading.

Percussionists: audition repertoire should include:
1. Advanced snare drum solo;
2. Two-mallet keyboard piece (marimba, xylophone, or vibraphone);
3. Two-drums timpani piece.

For Vocalists:
- Two pieces of contrasting styles. One selection must be in a language other than English. The other Classical selection may be in English if desired, or another foreign language.
- Exploration of vocal range and aural abilities.

Accompanist: an accompanist will be provided if you require one, or you may bring your own accompanist if you wish.

Placement Exams:
The audition day includes evaluations in music aptitude, sight-singing, and music theory in addition to the performance audition. Deficiencies discovered through the placement exams may require remedial coursework.

B.F.A. Music Technology, Entrepreneurship & Production

The Bachelor of Fine Arts in Music Technology, Entrepreneurship & Production (MTEP) is designed to provide professional training for students who aim to succeed as creative entrepreneurs in the music industry. The program features a practical teaching and learning approach grounded in the real world of music production and marketing, and follows a learning community/cohort model that places peer collaboration and interdisciplinarity at the center of the educational experience.

Comprising courses from the Schools of Performing Arts; Visual Arts, Communications, and Digital Technologies; Business; and the College of Liberal Arts, the MTEP curriculum ensures that students develop facility with a variety of technologies designed to create, produce, distribute, and promote music.

As a student in this program, you will work with professionals in the music industry through internships and guest artist residencies as well as projects associated with Tilles Center for the Performing Arts, the T. Denny Sanford Innovation and Entrepreneurship Institute, and local recording studios.

ADMISSION REQUIREMENTS
For admission to the Bachelor of Fine Arts program, evidence of prior music training experience and suitable music aptitude are expected. Auditions and placement exams are required for all programs. Deficiencies discovered through the placement exams may require remedial coursework. Please call the Department of Music at 516-299-2474 to schedule an audition at one of our audition days, or to make an appointment for an alternate date. Acceptance into the music program is also contingent upon acceptance to LIU Post. See the Freshman (www.liu.edu/post/freshman) or Transfer (www.liu.edu/post/transfer) admissions websites for more information.

AUDITIONS FOR ADMISSION
As a prospective undergraduate music major, you may compete through audition for performance awards.

Schedule
Audition Days will be posted on the university’s website and in routinely updated print media.

Auditions will be held at the LIU Post Fine Arts Center. You can register to audition by completing the online Audition Registration Form at www.liu.edu/post/music. To register by phone or schedule an appointment for an alternate date, call 516-299-2474 or contact us through email at post-music@liu.edu.

Requirements
Professional attitude is expected.

For Instrumentalists:
- Two pieces of contrasting styles. These could be two complete pieces or individual movements from two different works.
- Major scales.
- Sight-reading.

Percussionists: audition repertoire should include:
1. Advanced snare drum solo;
2. Two-mallet keyboard piece (marimba, xylophone, or vibraphone);
3. Two-drums timpani piece.

For Vocalists:
- Two pieces of contrasting styles. One selection must be in a language other than English. The other Classical selection may be in English if desired, or another foreign language.
- Exploration of vocal range and aural abilities.

Accompanist: an accompanist will be provided if you require one, or you may bring your own accompanist if you wish.

Placement Exams:
The audition day includes evaluations in music aptitude, sight-singing, and music theory in addition to the performance audition. Deficiencies discovered through the placement exams may require remedial coursework.

B.F.A. Music Technology, Entrepreneurship & Production

The Bachelor of Fine Arts in Music Technology, Entrepreneurship & Production (MTEP) is designed to provide professional training for students who aim to succeed as creative entrepreneurs in the music industry. The program features a practical teaching and learning approach grounded in the real world of music production and marketing, and follows a learning community/cohort model that places peer collaboration and interdisciplinarity at the center of the educational experience.

Comprising courses from the Schools of Performing Arts; Visual Arts, Communications, and Digital Technologies; Business; and the College of Liberal Arts, the MTEP curriculum ensures that students develop facility with a variety of technologies designed to create, produce, distribute, and promote music.

As a student in this program, you will work with professionals in the music industry through internships and guest artist residencies as well as projects associated with Tilles Center for the Performing Arts, the T. Denny Sanford Innovation and Entrepreneurship Institute, and local recording studios.

ADMISSION REQUIREMENTS
For admission to the Bachelor of Fine Arts program, evidence of prior music training experience and suitable music aptitude are expected. Auditions and placement exams are required for all programs. Deficiencies discovered through the placement exams may require remedial coursework. Please call the Department of Music at 516-299-2474 to schedule an audition at one of our audition days, or to make an appointment for an alternate date. Acceptance into the music program is also contingent upon acceptance to LIU Post. See the Freshman (www.liu.edu/post/freshman) or Transfer (www.liu.edu/post/transfer) admissions websites for more information.

AUDITIONS FOR ADMISSION
As a prospective undergraduate music major, you may compete through audition for performance awards.

Schedule
Audition Days will be posted on the university’s website and in routinely updated print media. Alternate dates by appointment.

Auditions will be held each Winter & Spring. You can register to audition by completing the online Audition Registration Form at www.liu.edu/post/music. To register by phone or schedule an appointment for an alternate date, call 516-299-2474 or contact us through email at post-music@liu.edu.

Requirements
Professional attitude is expected.

It is recommended that you seek the counsel of your musical mentor or private instructor when selecting your audition pieces. Below please find guidelines to assist your selection:
- A song from a well-known artist or band (any style)
- A transcription of a well-known artist’s solo
- A composition from the instrumental/voice repertoire such as a movement, sonata, concerto, or etude
- A standard or jazz tune with your own improvisation

In addition to one selection from the list above, aspiring songwriters and composers may choose to play an original piece that features your individual style. Neither piece should exceed three minutes in length, for a total of no more than six minutes.

Accompanist: An accompanist will be provided.
You may, however, provide your own accompanist or MP3 player if you require accompaniment for your prepared piece, particularly if the accompaniment is not noted. If you are playing to a track, please use a standard play-along/music-minus-one or karaoke track so that you are not playing your part along with the same part on the recording.

Placement Exams
The audition day includes evaluations in music aptitude, sight-singing, and music theory in addition to the performance audition. Deficiencies discovered through the placement exams may require remedial coursework.

B.F.A. Music Technology, Entrepreneurship & Production
[Program Code: 40115] [HEGIS: 1099.0]

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.F.A in Music Technology, Entrepreneurship & Production must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)
POST 101 1 credit
First-Year Seminar 3 credits
Writing I 3 credits
Writing II 3 credits
Quantitative Reasoning 3 credits
Scientific Inquiry & the Natural World 4 credits
Creativity, Media & the Arts 3 credits
Perspectives on World Cultures 3 credits
Self, Society & Ethics 3 credits
Power, Institutions & Structures 3 credits
Additional course from one cluster 3-4 credits
For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements
* Student must receive a grade of C or better in all MUS courses

Required Musicianship Core Courses (10 credits)
MUS 107A Music Theory/Keyboard Harmony I 3.00
MUS 107B Music Theory/Keyboard Harmony II 3.00
MUS 108A Aural Skills I 3.00
MUS 108B Aural Skills II 3.00

Required Music Technology Courses (12 credits)
MUS 14A Introduction to Music Technology 3.00
MUS 14B Sequencing and Production 3.00
MUS 14C Music Notation Software 3.00
MUS 214D Digital Audio Workstation 3.00

Required Music History/Literature Courses (9 credits)
MUS 200 Culture of Rhythm and Production 3.00
MUS 201 Foundations of Recording 3.00
MUS 203 Songwriting I 3.00
MUS 204 Songwriting II 3.00
MUS 206 Composition and Arranging for Media 3.00

Required Music Entrepreneurship Courses (16 credits)
MUS 130 Professional Development for a Music Career 1.00
MUS 205 Business and Legal Aspects of Music Industry 3.00
MUS 207 Music Operations & Distribution 3.00
MUS 208 Publicity and Promotion in the Performing Arts 3.00
MUS 278 Music Industry Internship I 3.00
MUS 279 Music Industry Internship II 3.00

Required Music History/Literature Courses (9 credits):
MUS 24 History of Rock 3.00
MUS 28 History of Jazz 3.00
MUS 46 Introduction to World Music 3.00

Required Entrepreneurship Courses (9 credits)
CGPH 26 Web Design for Everyone 3.00
MKT 11 Marketing Principles and Practice 3.00
PR 38 Social Media Tools 3.00

Required Music Making Fundamentals Courses (14 credits)
Twelve (12) credits are required from the following MUS ensembles or studio lessons Ensembles offered every Fall and Spring for 1 credit.
  • Chorus (5), Chamber Singers (5A), Vocal Jazz Ensemble (5C)
  • Wind Symphony (6), Jazz Ensemble (6A), Merriweather Consort (6B), Percussion Ensemble (6C), Guitar Ensemble (6D), Brass Ensemble (6E), Jazz Combo (105)
  • Orchestra (7), Flute Ensemble (7A), Contemporary Ensemble (7B), Wind Ensemble (7C), String Ensemble (7D)

Studio Lessons offered every semester for 1 or 2 credits:
  • Violin (50A/B), Viola (51A/B), Cello (52A/B), Bass (53A/B), Jazz Bass (53C/D)
  • Guitar (54A/B), Jazz Guitar (54C/D)
  • Flute (60A/B), Jazz Flute (60C/D), Oboe (61A/B), Clarinet (62A/B), Jazz Clarinet (62C/D), Bassoon (63A/B), Saxophone (64A/B), Jazz Saxophone (64C/D)
  • Trumpet (70A/B), Jazz Trumpet (70C/D), Horn (71A/B), Trombone (72A/B), Jazz Trombone (72C/D), Euphonium (73A/B), Tuba (74A/B)
  • Percussion (80A/B), Jazz Percussion (80C/D)
  • Piano (83A/B), Jazz Piano (83C/D)
  • Voice (88A/B), Jazz Voice (88C/D)
  • Vocal Coaching (49A/B), Instrumental Coaching (49C/D), Advanced Conducting (49E/F), Vocal Jazz Coaching (49J), Instrumental Jazz Coaching (49K/L)
  • Conducting I (20)
  • Performance Workshop (39)
  • Jazz Improvisation I (98A)

Taken for six (6) semesters (0 credits)
MUS 4 Music Convocation 0.00

Required Culminating Experience (6 credits)
MUS 299 Capstone 3.00
MUS 298 Senior Thesis 3.00

Electives (3 credits)

Credit Requirements
Major Required Credits: 91 (include 6 credits which satisfy Core Liberal Arts requirements)

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 32-33
Music Courses

**MUS 1 Introduction to Musical Concepts**
This course is a study and discussion of music and its aesthetic and creative applications in a multicultural civilization. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 2 Elementary Musicianship**
This course is a study of the elements of music—notation, rhythms, study of intervals, and basic ear training and sight singing. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

*Credits: 3*
*Every Fall*

**MUS 4 Music Convocation**
This non-credit course brings all Music Majors together to observe and participate in artist presentations and master classes. Must be taken by all Music Majors every semester except for Music Education Majors in their senior year while they are student teaching. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

*Co requisites: MUS 5, MUS 6 OR MUS 7 for students in the following plans: Music B.S.*
*Music Education B-12 B.M.*
*Instrumental Performance B.M.*
*Credits: 0*
*Every Fall and Spring*

**MUS 5 Chorus**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 5A Women's Choir**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 5C Vocal Jazz Ensemble**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 5D Vocal Jazz Ensemble**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 6 Wind Symphony**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 6A Jazz Ensemble**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 6B Merriweather Consort**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 6C Percussion Ensemble**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 6D Guitar Ensemble**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 6E Brass Ensemble**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 7 Orchestra**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 7A Flute Ensemble**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music

*Credits: 0 to 1*
*Every Fall and Spring*

**MUS 7B Contemporary Ensemble**
Audition required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain
greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-Programs/Music
Credits: 0 to 1
Every Spring and Fall

MUS 14C Music Notation Software
This course is a continuation of MUS 14A in which advanced features of notation software are studied including score input options, editing tools, layouts, and part extraction. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.
Pre requisites: MUS 14A and 14B
Credits: 3
Every Fall

MUS 14C Sequencing and Production
This course is a continuation of MUS 14A centering on MIDI sequencing and includes explanations and demonstrations of recording and arranging techniques for creating dynamic musical sequences in any musical style. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.
A pre requisite of MUS 14A is required.
Credits: 3
Every Spring

MUS 15 Introduction to Music Education
This course is an introduction to the philosophy and materials of music education. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.
Credits: 1
Every Spring

MUS 16 Workshops in Music Education
Workshops in Music Education. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.
Credits: 0 to 1
Every Spring and Fall

MUS 16P Vocal Pedagogy
This course offers an overview of the anatomy, physiology and learning processes associated with healthy singing. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Credits: 2
On Occasion

MUS 17A Elementary General Music Methods
Course is an examination of the organization and operation of elementary general music programs. Students are required to participate in the Rompertunes Early Childhood Music Teaching and Learning Program. Classroom methods include: Orff, Kodály, Dakroz, Gordon and Laban. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.
Prerequisite of MUS 15 is required.
Credits: 3
Every Fall

MUS 17C 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 such as chorus, select choir, a cappella chorus and vocal jazz ensemble are included. Special attention is paid to rehearsal techniques, lesson planning and outcome assessment. A field-based experience that includes conducting is required. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.
Prerequisite of MUS 15 is required.
Credits: 3
Alternate Spring

MUS 17D Instrumental Music Methods
This course covers the organization, administration and implementation of instrumental activities, programs and performing groups in grades 4 to 12. Methods and materials for instrumental ensembles, band, orchestra, wind and jazz ensembles, and marching bands are included. Special attention is paid to rehearsal techniques, lesson planning and outcome assessment. A field-based experience that includes conducting is required. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.
Prerequisite of MUS 15 is required.
Credits: 3
Alternate Spring

MUS 18A Musicianship for Music Teachers
This course covers the following plans: Music B.S., Music Education B-12 R.M. or Music Tech, Entr & Prod B.F.A.
Credits: 3
Every Fall

MUS 18B Technology and Music Education
This course covers the following plans: Music B.S., Music Education B-12 R.M. or Music Tech, Entr & Prod B.F.A.
Credits: 2
Alternate Fall
Special emphasis is placed on keyboard harmonization, music reading, and accompaniment. The Sophomore Review serves as the final examination for this course. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.

**Prerequisite/Co-requisite:** MUS 107D

**Credits:** 2

**Every Spring**

**MUS 19A Brass Methods**

This course leads to a basic level of playing competence on brass instruments. Diverse teaching and learning approaches are explored. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 1

**Every Spring**

**MUS 19B String Methods**

This course leads to a basic level of playing competence on string instruments. Diverse teaching and learning approaches are explored. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 3

**Every Spring**

**MUS 19C Woodwind Methods**

This course leads to a basic level of playing competence on woodwind instruments. Diverse teaching and learning approaches are explored. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 1

**Every Fall**

**MUS 19D Percussion Methods**

This course leads to a basic level of playing competence on percussion instruments. Diverse teaching and learning approaches are explored. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 1

**Every Spring**

**MUS 19E Vocal Methods**

This course leads to a basic level of singing competence. Diverse teaching and learning approaches are explored. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning.

**Credits:** 3

**Every Fall**

**MUS 20 Conducting I**

This course covers the elements of conducting. Topics will be taught using Direct, Indirect, and Interactive Instruction, and will also encompass Experiential Learning. Topics in this course will help students gain greater awareness of cultural and global trends.

**Prerequisite:** MUS 107B

**Credits:** 2

**Every Fall**

**MUS 21 Music in Western Civilization I**

This course examines the characteristics and development of Western music from antiquity to the 17th century. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 3

**Every Spring**

**MUS 22 Music in Western Civilization II**

This course examines the characteristics and development of 18th and 19th century Western music. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 3

**Every Spring**

**MUS 23 Music in Western Civilization III**

This course examines the characteristics and development of contemporary art music. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 3

**Every Spring**

**MUS 24 History of Rock Music**

This course centers on the development of Rock music from the 1950s to the present. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 3

**Every Fall**

**MUS 25 History of Jazz**

This course centers on the musical and historical evolution of Jazz and its many styles, performers and composers. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 3

**Every Spring**

**MUS 35 Band Literature**

This course explores the music, cultures, and customs associated with various indigenous peoples from around the globe. Course materials examine musical styles and forms through lectures, discussions, and attendance at live performances. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Prerequisite of MUS 20 is required.**

**Credits:** 2

**Every Spring**

**MUS 46 Introduction to World Music**

This course explores the music, cultures, and customs associated with various indigenous peoples from around the globe. Course materials examine musical styles and forms through lectures, discussions, and attendance at live performances. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits:** 3

**Every Fall**

**MUS 49A Studio Lessons: Vocal Coaching**

Private coaching lessons supplement studio lessons giving students the opportunity to expand repertoire, develop performance skills, and work with a professional collaborative (jazz or classical)
pianist. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN

Credits: 1

Every Fall, Spring and Summer

MUS 49F Studio Lessons: Vocal Coaching

Private coaching lessons supplement studio lessons giving students the opportunity to expand repertoire, develop performance skills, and work with a professional collaborative (jazz or classical) pianist. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN

Credits: 2

Every Fall, Spring and Summer

MUS 49C Studio Lessons: Instrumental Coaching

Private coaching lessons supplement studio lessons giving students the opportunity to expand repertoire, develop performance skills, and work with a professional collaborative (jazz or classical) pianist. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN

Credits: 1

Every Fall, Spring and Summer

MUS 49D Studio Lessons: Advanced Conducting

An in-depth study in conducting for the advanced student, taught on an individualized basis. 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. Upon registration, students must visit the Department of Music in Room 108 Fine Arts Center to complete a Lesson Availability Form. Lessons are scheduled before and during the first weekend of each semester. 1 credit lesson are 25 minutes in length. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisites: Music 40 and Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN

Credits: 1

Every Fall, Spring and Summer

MUS 49G Studio Lessons: Advanced Conducting

An in-depth study in conducting for the advanced student, taught on an individualized basis. 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. Upon registration, students must visit the Department of Music in Room 108 Fine Arts Center to complete a Lesson Availability Form. Lessons are scheduled before and during the first weekend of each semester. 1 credit lesson are 25 minutes in length. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisites: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN

Credits: 1

Every Fall, Spring and Summer

MUS 49K Studio Lessons: Instrumental Jazz Coaching

Private coaching lessons supplement studio lessons giving students the opportunity to expand repertoire, develop performance skills, and work with a professional collaborative (jazz or classical) pianist. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN

Credits: 2

Every Fall, Spring and Summer

MUS 49L Studio Lessons: Vocal Jazz Coaching

Private coaching lessons supplement studio lessons giving students the opportunity to expand repertoire, develop performance skills, and work with a professional collaborative (jazz or classical) pianist. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN

Credits: 1

Every Fall, Spring and Summer

MUS 49J Studio Lessons: Violin

Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN

Credits: 2

Every Fall, Spring and Summer

MUS 50B Studio Lessons: Violin

Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN

Credits: 1

Every Fall, Spring and Summer
Private studio lessons are given once a week.

Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 51A Studio Lessons Viola
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 51B Studio Lessons Viola
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 52A Studio Lessons Cello
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 52B Studio Lessons Cello
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 53A Studio Lessons Bass
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 53B Studio Lessons Bass
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 53C Studio Lessons Jazz Bass
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 53D Studio Lessons Jazz Bass
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 54A Studio Lessons Guitar
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 54B Studio Lessons Guitar
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 54C Studio Lessons Jazz Guitar
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 54D Studio Lessons Jazz Guitar
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer
semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 60A Studio Lessons: Flute
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 60B Studio Lessons: Flute
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 60C Studio Lessons: Jazz Flute
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 61A Studio Lessons: Oboe
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 61B Studio Lessons: Oboe
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 62A Studio Lessons: Clarinet
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 62B Studio Lessons: Clarinet
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 63A Studio Lessons: Bassoon
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 63B Studio Lessons: Bassoon
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in
this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 64A Studio Lessons Saxophone
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 64B Studio Lessons Saxophone
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 64C Studio Lessons Jazz Saxophone
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 64D Studio Lessons Jazz Saxophone
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 64E Studio Lessons Jazz Saxophone
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 65A Studio Lessons Recorder
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 65B Studio Lessons Recorder
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 70A Studio Lessons Trumpet
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 70B Studio Lessons Trumpet
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 70C Studio Lessons Jazz Trumpet
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 70D Studio Lessons Jazz Trumpet
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 71A Studio Lessons Horn
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 71B Studio Lessons Horn
Private studio lessons are given once a week.
Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 72A Studio Lessons: Trombone
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 72B Studio Lessons: Trombone
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 72C Studio Lessons: Jazz Trombone
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 72D Studio Lessons: Jazz Trombone
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 73A Studio Lessons: Euphonium
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 73B Studio Lessons: Euphonium
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 74A Studio Lessons: Tuba
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 74B Studio Lessons: Tuba
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 80A Studio Lessons: Percussion
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 80B Studio Lessons: Percussion
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 80C Studio Lessons: Jazz Percussion
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 80D Studio Lessons: Jazz Percussion
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBFA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer
MUS 83A Studio Lessons: Piano
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 83B Studio Lessons: Piano
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 83C Studio Lessons: Jazz Piano
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 83D Studio Lessons: Jazz Piano
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 84A Studio Lessons: Organ
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 84B Studio Lessons: Organ
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 85A Studio Lessons: Synthesizer
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 85B Studio Lessons: Synthesizer
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 88A Studio Lessons: Voice
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer

MUS 88B Studio Lessons: Voice
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 89A Studio Lessons: Composition
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 1
Every Fall, Spring and Summer

MUS 89B Studio Lessons: Composition
Private studio lessons are given once a week. Twelve lessons are scheduled and ten lessons must be fulfilled for course completion in a given semester. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
Prerequisite: Must be in one of the following plans CARMBA, CMEDBM, CMUSBS, CMTEPBFA, CTABFA, CTHABA, CMUSMIN
Credits: 2
Every Fall, Spring and Summer
MUS 95J Jazz Composition & Arranging I
Concepts and techniques used in arranging and jazz composing are studied through examples taken from the works of Duke Ellington, Thad Jones, Gil Evans, and others. Students compose jazz tunes, write arrangements for small groups and big bands, and have them performed. Topics will be taught using Direct and Indirect Instruction. In this course, students will learn: 1) how to write arrangements; 2) the emotional and story-telling elements of jazz composition; 3) how to incorporate a variety of textures and harmonies into jazz arrangements; 4) the techniques of jazz composition and the use of jazz notation; and 5) how to make decisions about the style of the arrangement, the instrumentation, and the performance of the piece. Credits: 3 Every Fall

MUS 95K Jazz Composition and Arranging II
A continuation of the work done in MUS 95J. Topics will be taught using Direct and Indirect Instruction. In this course, students will learn: 1) how to write arrangements; 2) the emotional and story-telling elements of jazz composition; 3) how to incorporate a variety of textures and harmonies into jazz arrangements; 4) the techniques of jazz composition and the use of jazz notation; and 5) how to make decisions about the style of the arrangement, the instrumentation, and the performance of the piece. Prerequisite: MUS 95J.

MUS 98A Jazz Improvisation I
A performance class on concepts used to compose spontaneously. The student is encouraged to develop an individual style based on firm theoretical knowledge and familiarity with jazz tradition. Topics will be taught using Direct and Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Credits: 3 On Occasion

MUS 98B Jazz Improvisation II
A seminar devoted to working on advanced individual projects in the area of Music History or Literature to be decided by the student and teacher. The nature of the project involved varies and depends upon the interest and area of concentration of the student. Topics will be taught using Direct and Indirect Instruction. In this course, students will learn: 1) how to write arrangements; 2) the emotional and story-telling elements of jazz composition; 3) how to incorporate a variety of textures and harmonies into jazz arrangements; 4) the techniques of jazz composition and the use of jazz notation; and 5) how to make decisions about the style of the arrangement, the instrumentation, and the performance of the piece. Prerequisite: MUS 95J.

MUS 101A Chamber Music Ensembles
An intensive three-week seminar that focuses on the study and performance of the standard chamber music repertoire. Coached by the faculty ensemble-in-residence, The Pierrot Consort, the program includes: Chamber Ensembles, Chamber Orchestras, Faculty and Student Concerts, Master Classes, and a Conducting Program and Concerto Competition. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Credits: 1 to 3 Every Summer

MUS 101B Chamber Music Ensembles
An intensive three-week seminar that focuses on the study and performance of the standard chamber music repertoire. Coached by the faculty ensemble-in-residence, The Pierrot Consort, the program includes: Chamber Ensembles, Chamber Orchestras, Faculty and Student Concerts, Master Classes, and a Conducting Program and Concerto Competition. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Credits: 1 to 3 Every Summer

MUS 105 Jazz Combo
Audition may be required. Course provides the experience of singing and playing a wide range of jazz styles in a small group setting. The primary goals are the development of improvisational skills and learning of repertoire. Instrumentation is variable, typically includes bass, drums, piano and/or guitar, horns, and vocals. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry. Full description at: www.liu.edu/CWPost/Academics/College-of-Arts-Communications-Design/Academic-

MUS 106A Basic Keyboard I
This course centers on the development of basic piano skills including fingerings, hand and body posture, scales, arpeggios, triads, progressions, beginner musical selections, and technical exercises. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends. Credits: 1 Every Fall

MUS 106B Basic Keyboard II
This course is a continuation of Basic Keyboard I. Requirements include performing My Country 'tis of Thee in six (6) different keys, singing My Country 'tis of Thee while playing a basic standard chord accompaniment, and writing and performing an original piano composition that includes mixed meters. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends. Prerequisite: MUS 106A Credits: 1 Every Spring

MUS 107A Theory/Keyboard Harmony I
This course focuses on music theory and keyboard harmony including four-part writing, harmonization, and transposition. Requirements including performing and notating 1) London Bridge, Silent Night, and Happy Birthday with appropriate chords; 2) diatonic circle of fifths and falling fourths progression; and 3) root position triads in close and open positions in six (6) different keys. Students compose an original simple four-part composition that includes open and close position chords. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends. Corequisite: MUS 106A Credits: 3 Every Spring

MUS 107B Theory/Keyboard Harmony II
This course is a continuation of Music Theory/Keyboard Harmony I. Requirements include identifying at sight and by ear all non-chord tones in standard melodies from the classical repertoire including standard folk tunes such as London Bridge, Silent Night, and Happy Birthday. Students notate diatonic circle of fifths, root position seventh chords in four voices in six (6) major keys and demonstrate a vocal improvisation to London Bridge while playing a standard chordal accompaniment at the piano. Students compose and harmonize a simple melody that includes non-harmonic tones. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and
This course is a continuation of Aural Skills I.

MUS 108B Aural Skills II
Every Fall
Credits: 3
Prerequisite: MUS 108A - Aural Skills I. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

MUS 108C Aural Skills III
Every Spring
Credits: 2
Prerequisite: MUS 108A and MUS 108B. Students will have the opportunity to experience iconic musical forms of the 20th and 21st centuries.

MUS 108D Aural Skills IV
Every Spring
Credits: 2
Prerequisite: MUS 108A & MUS 108B. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

MUS 109 Arranging, Orchestration and Analysis
Every Fall, Spring and Summer
Credits: 0
Prerequisite(s): Open to Piano Major or by permission of the instructor. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

MUS 110 Electronic Music Studies
On Occasion
Credits: 3
Prerequisites: MUS 106A, 106B, MUS 107A, 107B and MUS 107C. This course examines rhythm as an essential cross-cultural and unifying agent. A hands-on course, students have the opportunity to experience rhythms of diverse cultures through learning traditional hand-drumming patterns and songs from Brazil, Cuba, Haiti and other cultures of the African-American diaspora. The evolution and widespread trajectory of the rhythms of the African diaspora through the Caribbean, South America and North America affected some of the most iconic musical forms of the 20th and 21st centuries. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

MUS 118 Piano Performance Techniques and Literature
Every Fall
Credits: 3
Prerequisite: MUS 106A/B, 107A/B, 108A. This course is a performance workshop in which pianists perform and analyze standard and lesser-known works of the piano literature from the Baroque era to the 21st century.

MUS 200 Culture of Rhythm and Production
Every Fall, Spring and Summer
Credits: 3
Prerequisite: MUS 109. This course examines rhythm as an essential cross-cultural and unifying agent. A hands-on course, students have the opportunity to experience rhythms of diverse cultures through learning traditional hand-drumming patterns and songs from Brazil, Cuba, Haiti and other cultures of the African-American diaspora. The evolution and widespread trajectory of the rhythms of the African diaspora through the Caribbean, South America and North America affected some of the most iconic musical forms of the 20th and 21st centuries. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

MUS 201 Foundations of Recording
Every Fall
Credits: 3
Prerequisite: MUS 109. This course examines rhythm as an essential cross-cultural and unifying agent. A hands-on course, students have the opportunity to experience rhythms of diverse cultures through learning traditional hand-drumming patterns and songs from Brazil, Cuba, Haiti and other cultures of the African-American diaspora. The evolution and widespread trajectory of the rhythms of the African diaspora through the Caribbean, South America and North America affected some of the most iconic musical forms of the 20th and 21st centuries. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

MUS 202 Advanced Recording Techniques
Every Fall, Spring and Summer
Credits: 3
Prerequisite: MUS 201. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.
audio recording will be the focus of this class in order to give students an understanding of the theoretical principles that guide the field of audio engineering. The science of acoustics, soundwaves and studio construction will be considered, along with functions of the recording console. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits: 3**

**Every Fall**

**MUS 203 Songwriting 1**

Fundamentals of songwriting are introduced such as form, meter, rhyme, metaphor, and theme. These tenets of the songwriting craft are examined through careful study of exemplars from diverse traditions as well as genre-driven student projects including those centered on blues, songs of protest, jingles, and more. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Prerequisites: MUS 106A/B, 107A/B, 108A**

**Credits: 3**

**Every Fall**

**MUS 204 Songwriting 2**

This workshop-model course explores more fully the songwriting process. Focus is on student-created works, which evolve naturally in a nurturing, safe, supportive environment. Student work is documented in performance and through the recording process. Guest lecturers share their work and provide feedback on student works. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Prerequisites: MUS 106A/B, 107A/B, 108A, 203**

**Credits: 3**

**Every Spring**

**MUS 205 Business and Legal Aspect of the Music Industry**

This course explores business and legal aspects of the Music Industry from both the perspective of the producer and the artist. Topics covered include basic accounting, contracts, copyrights, and intellectual property law. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits: 3**

**Every Fall**

**MUS 206 Composition and Arranging for Media**

This course explores composition and arranging for diverse media including film, television, website, video games, and other digital platforms. A brief history of film/television scoring provides a foundation for the creation of student compositions and/or arrangements for media. Both technical and aesthetic aspects of the process are addressed. A final composition/arranging project is required. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Prerequisites: MUS 204, 214D**

**Credits: 3**

**Every Fall**

**MUS 207 Music Operations and Distribution**

This course examines both traditional (record labels) and non-traditional (do-it-yourself) modes of the commercial distribution of music. This broad approach addresses both artist and producer distribution perspectives. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Credits: 3**

**Every Spring**

**MUS 214D Digital Audio Workstation**

This course puts to use the fundamental technologies introduced in the first three courses in the Music Technology sequence including sequencing, sampling, and basic live audio recording and mixing processes employing contemporary software/hardware configurations. Topics will be taught using Direct and Indirect Instruction. Topics in this course will help students gain greater awareness of cultural and global trends.

**Prerequisites: MUS 14A MUS 14B MUS 14C**

**Credits: 3**

**Every Spring**

**MUS 278 Music Industry Internship 1**

This course is a one-semester internship with a not-for-profit Music Industry organization in the greater New York City area. The organization may be a music presenter, record label, agency, new media specialist or otherwise involved in the Music Industry. A weekly minimum of 10 site-based hours is required as well as a campus-based, one-hour, weekly seminar with the cohort and university internships advisor. A final creative project is required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

**Credits: 3**

**Every Fall**

**MUS 279 Music Industry Internship 2**

This course is a one-semester internship with a profit-driven Music Industry organization in the greater New York City area. The organization may be a music presenter, record label, agency, new media specialist or otherwise involved in the Music Industry. A weekly minimum of 10 site-based hours is required as well as a campus-based, one-hour, weekly seminar with the cohort and university internship advisor. A final creative project is required. Topics will be taught using Interactive Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

**A prerequisite of MUS 278 is required**

**Credits: 3**

**Every Spring**

**MUS 298 Senior Thesis**

The Senior Thesis documents the senior Capstone Project. A one-hour, weekly, campus-based meeting with the university thesis advisor guides the documentation process. A SO-page, written thesis is required. Student collaboration within the cohort is encouraged, but not required. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

**This course is to be taken in the Spring semester of the Senior year of the MTEP program.**

**Credits: 3**

**Every Spring**

**MUS 299 Capstone**

The Capstone Project comprises the development, execution, and analysis of a major project spanning the senior year. A university project advisor guides, oversees, and evaluates the project. The scope and sequence of the Capstone Project is broad ranging from the creation/promotion/documentation of a major artistic work (an album/video/performance) to a music business project involving the creation of a business entity designed to produce and bring to market an artistic work. A one-hour, weekly, campus-based seminar with the university project advisor and cohort is required. Student collaboration within the cohort is encouraged, but not required. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

**Must be in Honors College**

**Credits: 3**

**Every Fall**

**MUS 385 Honors Tutorial**

The first semester of preparation for an Honors Thesis. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

**Must be in Honors College**

**Credits: 3**

**Every Fall**

**MUS 386 Honors Tutorial**

The first semester of preparation for an Honors Thesis. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.
knowledge, skills, and cultural awareness in the music industry.

**MUS 389 Honors Thesis**
The second semester of preparation for an Honors Thesis. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

*Must be in Honors College*

**Credits: 3**

**Every Spring**

**MUS 390 Honors Thesis**
The second semester of preparation for an Honors Thesis. Topics will be taught using Indirect Instruction, and Independent Study, and will also encompass Experiential Learning. Experiences in this course will help students gain greater knowledge, skills, and cultural awareness in the music industry.

*Must be in Honors College*

**Credits: 3**

**Every Fall**
DEPARTMENT OF THEATRE, DANCE AND ARTS MANAGEMENT

The Department of Theatre, 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. A broad-based liberal arts education gives students a deep understanding of the human experience with skills to write and speak about the arts. The academic programs and professional faculty lay the artistic and intellectual groundwork for students’ professional success.

LIU Post’s proximity to New York City provides frequent opportunities to work with professional artists and to hone skills at renowned theatres, concert halls, and film studios.

Undergraduate programs include the B.F.A. in Theatre Arts, with concentrations in Acting and Musical Theatre and the B.A. in Theatre Arts.

B.F.A. Theatre Arts

CONCENTRATION IN ACTING
The Bachelor of Fine Arts in Theater Arts with a concentration in Acting provides personalized and intensive classroom instruction and stage experience to prepare students for acting careers.

Students receive a rigorous grounding in history, literature, theories, and methodologies of classical and contemporary theatre arts, and work with professional actors and playwrights. Students also have a variety of opportunities to perform in main stage productions directed by renowned New York City directors. The 120-credit program is highly selective, admitting 20 to 30 students each year.

The acting concentration draws from the Suzuki, Stanislavsky, Chekhov, and Linklater techniques. The core program, taught by professional theatre artists, emphasizes the development of a riveting stage presence based on dynamic physicality, emotional authenticity, and a commanding voice. Students receive individual and ensemble training in television and film acting, singing, and dancing from artists of national and international renown.

The program culminates at the end of the senior year when students showcase their talent before agents, managers, and directors in New York City.

This exciting program is coordinated with the Post Theatre Company, where students gain hands-on participation in all aspects of a working theatre company. Students gain a wider perspective through internships on and off-campus and have the opportunity to travel to festivals in the United States and abroad.

Students have access to excellent facilities to gain practical experience and showcase their talents.

Admission Requirements
Students must have an interview and audition for admission to the B.F.A. in Theatre Arts: Acting program. Applicants will be notified of departmental admissions decisions by the early spring. Mid-year transfer students are contacted individually. All B.F.A. candidates must maintain a 3.0-grade point average in the major.

Auditions
To audition for the Theatre Arts - Acting Program:

- Apply to LIU Post at www.liu.edu/cwpost/onlineapp
- Call 516-299-2900 to schedule an audition slot.
- The total audition time is 3 minutes.
- Prepare two short contrasting monologues from a play.
- If you are pursuing a music concentration, prepare one short monologue and 16 bars of a song.
- Submit a headshot and résumé at the time of audition.

Auditions for Post Theatre Company Productions
Auditions for the season productions are open to all theatre majors are held in the Little Theatre on Mainstage unless otherwise posted. Check the call board in the Theatre, Film & Dance building for audition requirements and sign-up sheets.

CONCENTRATION IN MUSICAL THEATRE

The Bachelor of Fine Arts in Theater Arts with a concentration in Musical Theatre provides personalized and intensive classroom instruction and stage experience to prepare students for performance careers in Musical Theatre. Students receive a rigorous grounding in history, literature, theories, and methodologies of classical and contemporary theatre arts, and work with professional musicians, actors, and playwrights. Students also have a variety of opportunities to perform in main stage productions directed by renowned New York City directors. The 120-credit program is highly selective, admitting 20 to 30 students each year.

The musical theatre concentration draws from the Suzuki, Stanislavsky, Chekhov, and Linklater techniques with concentrated study in techniques and approaches to musical theatre. The core program, taught by professional theatre artists, emphasizes the development of a riveting stage presence based on dynamic physicality, emotional authenticity, and a commanding voice. Students receive individual and ensemble training in television and film acting, singing, and dancing from artists of national and international renown.

The program culminates at the end of the senior year when students showcase their talent before agents, managers, and directors in New York City.

This exciting program is coordinated with the Post Theatre Company, where students gain hands-on participation in all aspects of a working theatre company. Students gain a wider perspective through internships on and off-campus and have the opportunity to travel to festivals in the United States and abroad.

Students have access to excellent facilities to gain practical experience and showcase their talents.

Admission Requirements
Students must have an interview and audition for admission to the B.F.A. in Theatre Arts: Musical Theatre program. Applicants will be notified of departmental admissions decisions by the early spring. Mid-year transfer students are contacted individually.

Auditions
To audition for the Theatre Arts - Musical Theatre Program:

- Apply to LIU Post at www.liu.edu/cwpost/onlineapp
- Call 516-299-1000 to schedule an audition slot.
- The total audition time is 3 minutes.
- Prepare one short monologue and 16 bars of a song.
- Submit a headshot and résumé at the audition.

Auditions for admission into the B.F.A. Theatre Arts Musical Theatre Program are held in the Theatre, Dance & Arts Management Department and at multiple locations in the United States.

Auditions for Post Theatre Company Productions
Auditions for the season productions are open to all theatre majors are held in the Little Theatre on Mainstage unless otherwise posted. Check the call board in the Theatre and Dance Building for audition requirements and sign-up sheets.

B.F.A. Theatre Arts
[Program Code: 14401] {HEGIS: 1007.0}

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.F.A. Theatre Arts must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum
(32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Writing II</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3</td>
</tr>
</tbody>
</table>
### Major Requirements

**Required Introductory Theatre Arts Courses (6 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 104</td>
<td>Technical Theater Practices 1</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 105</td>
<td>Technical Theater Practices 2</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Theatrical History and Literature Courses (9 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 101</td>
<td>Introduction to Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 141</td>
<td>Classical Theatre History</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 142</td>
<td>Modern Theatre History</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Theatre Production Laboratory Courses (4 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 239</td>
<td>Production Laboratory</td>
<td>1.00</td>
</tr>
<tr>
<td>THE 240</td>
<td>Production Laboratory</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Required Theatre Contract Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 204</td>
<td>Department Contract</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Three courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 201</td>
<td>Department Contract</td>
<td>0.00</td>
</tr>
<tr>
<td>THE 202</td>
<td>Department Contract</td>
<td>0.00</td>
</tr>
</tbody>
</table>

### Acting Concentration Requirements

**Required Acting Courses (24 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 121</td>
<td>Basic Acting I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 122</td>
<td>Basic Acting II</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 123</td>
<td>Intermediate Acting I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 124</td>
<td>Intermediate Acting II</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 125</td>
<td>Advanced Acting I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 126</td>
<td>Advanced Acting II</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 152</td>
<td>Professional Skills: Business of Acting</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**One of the Following Junior Courses linked to THE 125/126 Option (3 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 168</td>
<td>Advanced Voice &amp; Speech I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 542</td>
<td>Advanced Theatre Movement</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Additional Theatre History and Literature Courses (3 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 143</td>
<td>Shakespeare Performance</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Additional Theatre Arts and Techniques Courses (15 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 131</td>
<td>Directing I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 145</td>
<td>Playwriting I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 151</td>
<td>Beginning Suzuki Technique</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 166</td>
<td>Beginning Voice &amp; Speech I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 167</td>
<td>Beginning Voice &amp; Speech II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Theatre Courses**

Any THE course(s) (18 credits)

**Required Voice Music Lessons**

Two credits taken from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 88A</td>
<td>Studio Lessons: Musical Theatre Voice</td>
<td>1.00</td>
</tr>
<tr>
<td>MUS 88B</td>
<td>Studio Lessons: Musical Theatre Voice</td>
<td>2.00</td>
</tr>
</tbody>
</table>

**Elective Theatre and Dance Courses**

Any THE or DNC courses (13 credits)

**Musical Theatre Concentration Requirements**

**Required Acting Courses (21 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 121</td>
<td>Basic Acting I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 122</td>
<td>Basic Acting II</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 123</td>
<td>Intermediate Acting I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 124</td>
<td>Intermediate Acting II</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 125</td>
<td>Advanced Acting I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 126</td>
<td>Advanced Acting II</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 192</td>
<td>Senior Acting Studio</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**One of the Following Junior Courses linked to THE 125/126 Option (3 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 168</td>
<td>Advanced Voice &amp; Speech I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 542</td>
<td>Advanced Theatre Movement</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Additional Theatre History and Literature Courses (3 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 148</td>
<td>The History of American Musical</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Techniques Courses (15 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 131</td>
<td>Directing I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 151</td>
<td>Beginning Suzuki Technique</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 152</td>
<td>Professional Skills: The Business of Acting</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 166</td>
<td>Beginning Speech</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 167</td>
<td>Beginning Voice</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Six (6 credits) of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 180</td>
<td>Contemporary Musical Theatre Seminar</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 195</td>
<td>Musical Theatre Seminar II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Theatre, Music, Dance, Voice Jury Courses**

8 credits of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 88A</td>
<td>Studio Lessons: Musical Theatre Voice</td>
<td>1.00</td>
</tr>
<tr>
<td>MUS 88B</td>
<td>Studio Lessons: Musical Theatre Voice</td>
<td>2.00</td>
</tr>
</tbody>
</table>

**Dance Electives 9 credits.**

**Credit Requirements**

Major Required Credits: 84
Minimum Total Credits: 120
Minimum Liberal Arts Credits: 30

### B.A. Theatre Arts

The Bachelor of Arts in Theatre Arts is an academic degree designed to help you place theatre within the wider context of humanistic studies. The 120-credit curriculum covers the broad-based study of theatre history and literature, acting, dance, design, directing, playwriting, dramaturgy, management and technical production. Classes are small and faculty members provide a supportive environment for you to develop as an individual artist.

LIU Post theatre arts majors 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, designers, directors and producers.

### Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.A. Theatre Arts must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)
**Major Requirements**

**Required Introductory Theatre Arts Courses for Performance area of focus (21 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 104</td>
<td>Technical Theater Practices 1</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 105</td>
<td>Technical Theater Practices 2</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 121</td>
<td>Basic Acting I</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 122</td>
<td>Basic Acting II</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 103</td>
<td>Design Concepts for Visual Artists</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 110</td>
<td>Stage Management</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Choose one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 113</td>
<td>Scenic Design</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 115</td>
<td>Lighting Design</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 171</td>
<td>Costume Design</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Theatrical History & Literature Courses (12 credits)**

- THE 142 & 143 are considered core curriculum courses; THE 142 satisfies Perspectives on World Cultures cluster (3 credits) and THE 143 satisfies Creativity, Media and the Arts cluster (3 credits)
- THE 101 Introduction to Drama 3.00
- THE 141 Classical Theatre History 3.00
- THE 142 Modern Theatre History 3.00
- THE 143 Shakespeare in Performance 3.00

**Required Theatre Production Laboratory Courses (2 credits)**

Two credits from any of the following:

- THE 239 Production Laboratory 1.00
- THE 240 Production Laboratory 1.00

**Performance & Production/Design Concentration Required Dance OR Directing Course (3 credits)**

- DNC 1 Beginning Movement 1 3.00
- THE 131 Directing 3.00

**Required Theatre Contract Courses**

- THE 204 Department Contract 0.00

**Three courses from the following:**

- THE 201 Department Contract 0.00
- THE 202 Department Contract 0.00

**Theatre and Dance Electives (4 credits)**

**Liberal Arts and Science Electives (58 credits)**

**Credit Requirements**

- Major Required Credits: 42
- Minimum Total Credits: 120
- Minimum Liberal Arts Credits: 90

**B.F.A. Arts Management**

(Program Code: 79015) [HEGIS: 1099.0]

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.F.A. Arts Management must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum (32-33 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td></td>
<td>1 credit</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing I</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td></td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts (THE 143 required)</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures (THE 142 required)</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Additional course from one cluster (THE 141 possible)</td>
<td></td>
<td>3-4 credits</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.
**Computer Required Courses**
Choose 1 course (3 credits) of the following:

- CGPH 5 Computer Layout 1 3.00
- PR 30 Using Business Software in Public Relations/Advertising 3.00

**Music Required Courses (21 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARM 62</td>
<td>Principles and Practices of the Music Industry</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 11</td>
<td>Introduction to Music Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 14A</td>
<td>Introduction to Music Technology</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 21</td>
<td>Music in Western Civilization I</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 22</td>
<td>Music in Western Civilization II</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 23</td>
<td>Music in Western Civilization III</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 24</td>
<td>History of Rock Music</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Music Elective Courses**
9 credits of any Music courses:

**History Elective Courses**
Choose 2 courses (6 credits) from the list below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 59</td>
<td>Survey of World Art I</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 60</td>
<td>Survey of World Art 2</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 61</td>
<td>Ancient Art: The Western Tradition</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 64</td>
<td>Medieval Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 65</td>
<td>Italian Renaissance Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 66</td>
<td>Northern Art of the 15th and 16th Centuries</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 67</td>
<td>The Art of the Baroque</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 68</td>
<td>The Art of the 18th and 19th Centuries</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 70</td>
<td>Modern Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 72</td>
<td>Contemporary Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 75</td>
<td>American Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 77</td>
<td>Pre-Colonial Arts</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 78</td>
<td>Asian Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 79</td>
<td>History of Photography</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 80</td>
<td>Concepts &amp; Issues in Contemporary Photography</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**ART 85**  History of Visual Communications 3.00
**ART 91**  Independent Study in Art History 3.00
**ART 92**  Independent Study in Art History 3.00
**ATE 3**  The Art Museum as Educator: Interpreting Art for Education 3.00
**DNC 108**  History of Dance 3.00
**DNC 109**  Current Dance in New York City 3.00
**THE 101**  Introduction to Drama 3.00
**THE 141**  Classical Theatre History 3.00
**THE 142**  Modern Theatre History 3.00

**Theater Concentration**

**Required Theatre Management Courses:**
Must complete one course (3 credits) from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARM 64</td>
<td>Theatre and Dance Management</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 111</td>
<td>Theatre and Dance Management</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Technical Theatre Practices: (6 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 104</td>
<td>Technical Theatre Practices 1</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 105</td>
<td>Technical Theatre Practices 2</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Department Contracts**
Must be taken 6 times

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 204</td>
<td>Department Contract 1</td>
<td>0.00</td>
</tr>
<tr>
<td>THE 205</td>
<td>Department Contract 2</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Theatre Elective Courses**
(24 credits) of any Theatre courses:

**Theatre History Courses**
Must complete the following 9 credits:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE 101</td>
<td>Introduction to Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 141</td>
<td>Classical Theatre History</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 142</td>
<td>Modern Theatre History</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Theatre 141 & 142 satisfy Perspectives on World Cultures Cluster (3 credits)**

**General Arts Concentration Elective Courses Required**
Choose two courses (6 credits) from the list below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 59</td>
<td>Survey of World Art I</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 60</td>
<td>Survey of World Art 2</td>
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<td>ART 65</td>
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<tr>
<td>ART 67</td>
<td>The Art of the Baroque</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 68</td>
<td>The Art of the 18th and 19th Centuries</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 70</td>
<td>Modern Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 72</td>
<td>Contemporary Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 75</td>
<td>American Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 77</td>
<td>Pre-Colonial Arts</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 78</td>
<td>Asian Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 79</td>
<td>History of Photography</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 80</td>
<td>Concepts &amp; Issues in Contemporary Photography</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**ART 61**  Anatomy of a Museum 3.00
**ART 62**  Principles and Practices of the Music Industry 3.00
**ARM 64**  Theatre and Dance Management 3.00
**BDST 58**  Television Station Management 3.00
**THE 111**  Theatre and Dance Management 3.00

24 credits from any of the following areas are required:
- Music
- Theatre
- Art
- Computer Graphics
- Photography
- Communications and Media Arts
- Public Relations
- Oral Communications
- Arts Management
- Dance
- Cinema
- Art Education

**General Arts Group (6 credits)**
Choose two courses (6 credits) from the list below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARM 64</td>
<td>Theatre and Dance Management</td>
<td>3.00</td>
</tr>
<tr>
<td>ARM 61</td>
<td>Anatomy of a Museum</td>
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<td>ARM 62</td>
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</tr>
<tr>
<td>BDST 58</td>
<td>Television Station Management</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 111</td>
<td>Theatre and Dance Management</td>
<td>3.00</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
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</tr>
<tr>
<td>ART 92</td>
<td>Independent Study in Art History</td>
<td>3.00</td>
</tr>
<tr>
<td>ATE 3</td>
<td>The Art Museum as Educator: Interpreting Art for Education</td>
<td>3.00</td>
</tr>
<tr>
<td>BDST 1</td>
<td>Introduction to Broadcasting</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 1</td>
<td>The Art of the Film/1900–1930</td>
<td>3.00</td>
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<tr>
<td>CIN 2</td>
<td>The Art of the Film/1931 to Present</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 3</td>
<td>Major Forces in the Cinema</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 4</td>
<td>Major Figures in the Cinema</td>
<td>3.00</td>
</tr>
<tr>
<td>CMA 1</td>
<td>Introduction to Mass Communication Theory</td>
<td>3.00</td>
</tr>
<tr>
<td>DNC 108</td>
<td>History of Dance</td>
<td>3.00</td>
</tr>
<tr>
<td>DNC 109</td>
<td>Current Dance in New York City</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 21</td>
<td>Music in Western Civilization I</td>
<td>3.00</td>
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<tr>
<td>MUS 22</td>
<td>Music in Western Civilization II</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 23</td>
<td>Music in Western Civilization III</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 24</td>
<td>History of Rock Music</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 101</td>
<td>Introduction to Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 141</td>
<td>Classical Theatre History</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 142</td>
<td>Modern Theatre History</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 143</td>
<td>Shakespeare in Performance</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 149</td>
<td>History of Style</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Visual Arts Concentration**

**Visual Arts Required Courses (18 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARM 61</td>
<td>Anatomy of a Museum</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 59</td>
<td>Survey of World Art I</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 60</td>
<td>Survey of World Art II</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 70</td>
<td>Modern Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 72</td>
<td>Contemporary Art</td>
<td>3.00</td>
</tr>
<tr>
<td>ATE 3</td>
<td>The Art Museum as Educator: Interpreting Art for Education</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Visual Arts Elective Courses List 1**

Choose 3 courses (9 credits) from the list below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 5</td>
<td>Introduction to Basic Drawing</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 11</td>
<td>Life Drawing I</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 13</td>
<td>Painting I</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 19</td>
<td>Photography</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 19A</td>
<td>Photography</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 21</td>
<td>Printmaking</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 31</td>
<td>Pottery and Ceramic Sculpture I</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 35</td>
<td>Sculpture I</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 43</td>
<td>Watercolor</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Visual Arts Elective Courses List 2**

Choose any 1 ART courses (3 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARM 61</td>
<td>Anatomy of a Museum</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 59</td>
<td>Survey of World Art I</td>
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</tr>
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<td>ART 60</td>
<td>Survey of World Art II</td>
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<tr>
<td>ART 70</td>
<td>Modern Art</td>
<td>3.00</td>
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<tr>
<td>ART 72</td>
<td>Contemporary Art</td>
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</tr>
<tr>
<td>ATE 3</td>
<td>The Art Museum as Educator: Interpreting Art for Education</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Other History Elective Courses**

Choose two courses (6 credits) from the list below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BDST 1</td>
<td>Introduction to Broadcasting</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 1</td>
<td>The Art of the Film/1900–1930</td>
<td>3.00</td>
</tr>
<tr>
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<td>CIN 3</td>
<td>Major Forces in the Cinema</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 4</td>
<td>Major Figures in the Cinema</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 11</td>
<td>History of World Cinema</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 303</td>
<td>Film &amp; Society</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 304</td>
<td>Film &amp; Society</td>
<td>3.00</td>
</tr>
<tr>
<td>CMA 1</td>
<td>Introduction to Mass Communication Theory</td>
<td>3.00</td>
</tr>
<tr>
<td>DNC 108</td>
<td>History of Dance</td>
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<td>Modern Theatre History</td>
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<tr>
<td>THE 143</td>
<td>Shakespeare in Performance</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 148</td>
<td>The History of American Musical Comedy</td>
<td>3.00</td>
</tr>
<tr>
<td>THE 149</td>
<td>History of Style</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Credit and GPA Requirements**

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 30
Minimum Major Credits: 79
Minimum Overall GPA: 2.00
Minimum Major GPA: 2.00
ARM 1 Arts Management Practicum
An intensive experience in an arts management position related to the student’s area of concentration. May be taken in the first or second year. Prerequisite of ARM 54 is required. Credits: 1 Every Semester

ARM 2 Arts Management Contract
Crew, management, and production work on theatre and dance productions. Required of ARM/Dance and ARM/Theatre students only. Credits: 0 Every Semester

ARM 54 Introduction to Arts Management
An introduction to the field of arts management, its history, current business practices, and career opportunities. The focus will be on the management skills and techniques needed to be an arts administrator, concentrating on management issues and business operations. Various aspects of the arts such as staffing, financing, economic impact and application, marketing, fundraising and governance are covered. Students will learn about the relationship of art to government, business and education as well as the relationship of the individual artist to the arts organization. Credits: 3 Every Fall

ARM 55 Arts Management Practices
An overview of current arts management practice in the United States. Through a case study approach, the course evaluates challenges relating to theatre, music, dance and visual arts institutions. Managing organizations in transition (artistic, administrative and/or facility), and balancing the needs of artists, staff, boards, and funders will be central considerations. Prerequisite of ARM 54 is required. Credits: 3 Every Spring

ARM 57 Development and Fundraising
Development and Fundraising explores how to generate contributed income for not-for-profit organizations by working with corporations, foundations, government agencies and private individuals, and by building volunteer leadership. This is a lecture-based course that discusses trends in arts philanthropy and fundraising, as well as methods of research into developing donor prospects and finding support, including grant proposals, direct mail appeals, social media, personal solicitation, special events, capital campaigns and corporate sponsorships. Prerequisites of ARM 54 and 55 are required. Credits: 3 Alternate Spring

ARM 58 Accounting In the Arts
An introduction to the theory and practice of accounting in arts organizations. This is a lecture-based course that surveys relevant principles of arts management accounting. Students will gain a comprehensive understanding of accounting for arts organizations. Prerequisites of ARM 54 and 55 are required. Credits: 3 Alternate Spring

ARM 59 Marketing The Arts
This course will explore factors involved in developing, nurturing and sustaining audiences, including public relations, marketing and advertising, social media and creative problem solving for the special circumstances found in arts organizations. This lecture-based course will provide students with an understanding of basic marketing principles for arts organizations. Prerequisites of ARM 54 and 55 are required. Credits: 3 Alternate Spring

ARM 99 Internship in Arts Management
A resident internship, in the student's concentration, with an arts management organization. Internships require 125 to 150 hours of residency work and must be arranged the semester prior to the residency with the program director. May be repeated for a total of six credits. Credits: 3 Every Semester

Dance Courses

DNC 1 Beginning Movement 1
An introduction to basic technique within one of the following dance forms: African Fusion, Ballet, Modern, Jazz, Tap, Hip Hop, or Floor Barre. Students will gain awareness of body alignment and elementary technique, explored through both exercise and improvisation. May be repeated 4 times for credit. Credits: 3 Every Semester

DNC 2 Beginning Movement 2
This course is a continuation of DNC 1 emphasizing personal discipline and technique and leading to further technical growth. Students will gain increased awareness of body alignment and elementary technique in their chosen form. Prerequisite of DNC 1 is required. Credits: 3 On Occasion

DNC 44A Beginning Musical Theatre Jazz
A beginner level Jazz dance class designed for the student with minimal or no previous training. Emphasis is on learning and strengthening the fundamentals of jazz technique while incorporating style and storytelling. Students will gain awareness of placement, body awareness, strength-building, and coordination, leading to preparation for continued study. Credits: 3 Alternate Spring

DNC 101 Critical Thinking in Dance
An introduction to critical thinking about performance and history for the incoming dance studies major. Students will gain awareness of the many approaches to dance literacy. A Writing Across the Curriculum option. Co-requisite, POST 101. Credits: 2 Every Fall

DNC 103 Laban Movement Analysis
Students learn to analyze the body in motion, become a more dynamic mover, understand individual movement preferences and habits. Students will gain awareness of the diverse ways the body shapes itself in space. Prerequisite of Dance major, ARM major, or Theater major is required. Credits: 3 Every Spring

DNC 105 Modern Dance
Advanced training that stresses the discipline and vitality of longer phrases of movement to help the student experience movement through space. Students will gain awareness of one of the following modern dance techniques: Horton, Taylor, or Cunningham and an understanding of their historical contexts. May be repeated for three semesters for credit. Credits: 3 Every Fall

DNC 106 Modern Dance
Advanced training that stresses the discipline and vitality of longer phrases of movement using the Horton, Taylor, or Cunningham modern dance techniques. Training that stresses the discipline and vitality of longer phrases of movement to help the student experience movement through space. Students will also gain an understanding of their historical contexts. May be repeated for three semesters for credit. Credits: 3 Every Fall

DNC 108 History of Dance
A history of Western dance from the Greeks to the present. Students will gain an awareness of the artistic, social, and political functions of dance and its position in various cultures. This is a Writing Across the Curriculum offering. Credits: 3 Alternate Spring

DNC 109 Current Dance in New York City
This course provides meetings once a week in New York City to attend dance concerts, performances and meet with dancers and choreographers. Students apply critical thinking to dance analysis and gain an awareness of the many facets of dance...
today. This is a Writing Across the Curriculum offering. Special ticket charge.

Credits: 3
Alternate Spring

**DNC 111 Composition and Choreography I**
This course studies new and individual modes of expression and the process of storytelling through dance and improvisation. Students develop a personal voice and gain a new awareness of themselves as creative artists.

Prerequisite of Dance major, ARM major, or Theater major is required.

Credits: 3
Every Fall

**DNC 112 Composition and Choreography II**
This course studies new and individual modes of expression and the process of storytelling through dance and improvisation. Students develop a personal voice and gain a new awareness of themselves as collaborative and creative artists by integrating production elements into concept.

Prerequisite of Dance major, ARM major, or Theater major is required.

Credits: 3
On Occasion

**DNC 115 African Dance I**
An introduction to the complex rhythms and movements common to the many varieties of African dance, their cultural and historical perspectives and gain a new awareness of the pioneering spirits who introduced the genre to this country. May be repeated for two semesters for credit.

Prerequisite of Dance major, ARM major, or Theater major is required.

Credits: 3
Every Fall

**DNC 116 African Dance II**
A continuation of the study of the complex rhythms and movements common to the many varieties of African dance, their cultural and historical perspectives and the pioneering spirits who introduced the genre to this country. Students gain an awareness of the contributions African dance has made to American culture. May be repeated for two semesters for credit.

Prerequisite of Dance major, ARM major, Theater major, or DNC 115 is required.

Credits: 3
Every Spring

**DNC 121 Beginning Ballet I**
Applying the elements of ballet, barre and center floor work to alignment, healthy dance techniques and discipline. Students gain an awareness of the ballet form as applied to standard and non-traditional repertory. May be repeated for four semesters for credit.

Credits: 3
Every Fall

**DNC 122 Beginning Ballet II**
Applying the elements of ballet, barre and center floor work to alignment, healthy dance techniques and discipline. Students gain an awareness of the ballet form as applied to standard and non-traditional repertory. May be repeated for four semesters for credit.

Credits: 3
On Occasion

**DNC 123 Intermediate & Advanced Ballet I**
Based on the New York School of Ballet curriculum, this course applies the elements of ballet barre and center floor work to alignment, healthy dance techniques, and personal discipline. Students gain an awareness of the ballet form as it applies to standard and non-traditional repertory. May be repeated for four semesters for credit. Dance majors and advanced Musical Theatre majors only or by permission of the instructor.

Credits: 3
Every Fall

**DNC 124 Intermediate & Advanced Ballet II**
Based on the New York School of Ballet curriculum, this course applies the elements of ballet barre and center floor work to alignment, healthy dance techniques, and personal discipline. Students gain an awareness of the ballet form as it applies to standard and non-traditional repertory. May be repeated for four semesters for credit. Dance majors and advanced Musical Theatre majors only or by permission of the instructor.

Prerequisite of Dance major, ARM major, or Theater major is required.

Credits: 3
On Occasion

**DNC 125 Pointe & Partnering**
Applying the elements of classical ballet technique and repertory while working on pointe and in partnering situations. Students gain an awareness of balance, gravity, and alignment are explored. Dancers work in both classical and contemporary repertory. For Dance majors or advance Musical Theatre majors only.

Prerequisite of DNC 123 or 124 is required.

Credits: 1
Every Fall

**DNC 126 Floor Barre**
This course promotes healthful alignment and core strength for the dance or musical theatre major.

Students gain a new awareness of their own body through implementation of the Zena Rommett Floor Barre Technique®.

Credits: 2
Every Spring

**DNC 139 Repertory**
An intensive experience in dance performance including rehearsal, performance, and evaluation for the Post Concert Dance Company. Students gain an opportunity to work with with nationally and internationally known guest artists. Required every Fall a dance major is in residence. Required for musical theatre majors performing with the Post Concert Dance Company.

Dance majors only.

Credits: 4
Every Fall

**DNC 140 Repertory**
An intensive experience in dance performance including rehearsal, performance, and evaluation for the Post Concert Dance Company. Students gain an opportunity to work with with nationally and internationally known guest artists. Required for all dance majors in residence. Required for musical theatre majors performing with the Post Concert Dance Company.

Dance majors only.

Credits: 1
Every Spring

**DNC 143 Jazz**
A skills approach for theatrical performers and others. The emphasis is on technique and floor combinations including the development of new tap compositions with the instructor/choreographer. Students gain an understanding of the many applications of Jazz as an art form. May be repeated for two semesters for credit.

Credits: 3
On Occasion

**DNC 144 Jazz**
A skills approach for theatrical performers. The emphasis is on technique and floor combinations including the development of new jazz compositions with the instructor/choreographer. Students gain an understanding of the many applications of Jazz as an art form. May be repeated for two semesters for credit.

Credits: 3
Every Fall

**DNC 147 Tap**
This is an advanced level course in tap dance; the student gains an understanding of advanced tap technique and on the history of the form. May be repeated for two semesters for credit.

Credits: 3
Every Fall

**DNC 150 Kinesiology for Dancers**
The study of the anatomical and mechanical principles of movement with specific applications to the dancer. Analysis of dance movements, prevention of injuries, conditioning and relaxation techniques will be examined. The student gains an understanding of how to live a more healthy life as a performer, and important information for prospective teachers.

Credits: 4
Every Fall

**DNC 151 Professional Skills Showcase**
A practicum with guest choreographers leading to a
### Theatre Courses

**DNC 358 Jazz**  
This course is a skills approach for theatrical performers and others. The emphasis is on technique and floor combinations including the development of new jazz compositions with the instructor. Students gain an understanding of the many applications of Jazz as an art form. May be repeated for two semesters for credit. This is an Honors option.  
Must be in Honors College  
Credits: 3  
Every Fall

**DNC 359 Intermediate & Advanced Ballet I**  
Based on the New York School of Ballet curriculum, this course applies the elements of ballet barre and center floor work to alignment, healthy dance techniques, and personal discipline. Students gain an awareness of the ballet form as it applies to standard and non-traditional repertory. May be repeated for four semesters for credit.  
Dance majors or musical theatre majors only or by permission of the instructor. This is an Honors option.  
Must be in Honors College  
Credits: 3  
Every Fall

**THE 1 The Art of Theatre**  
This course is a practical introduction to theater and performance through exercises and scene study. Creation and performance of theater pieces in a workshop format. Relation of practical work to theories of acting, directing, theatrical performances, and structure. Fulfills fine arts core requirement for non-majors. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.  
Prerequisite of a Non Theater or Non Dance major is required.  
Credits: 3  
Every Semester

**THE 101 Introduction to Drama**  
This course is an introduction to textual and performance analysis in theatre through critical, historical and dramatic readings. Introduction to Drama is a lecture-based course with an integral discussion component that may include group projects. For Theater Majors only. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.  
Prerequisite of THE 104 & 105 or permission of the instructor are required.  
Credits: 3  
Alternate Fall

**THE 102 Drafting for Designers and Technicians**  
This course introduces all phases of engineering drawing with special emphasis on the specifics of theatrical drafting: floor plans, design elevations, shop drawings, sections, pictorial drawings. This is a practical course that imparts the skills necessary for working with blueprints and design renderings in order to read and interpret a designer's vision.  
Prerequisites of THE 104 & 105 or permission of the instructor are required.  
Credits: 3  
Every Fall and Spring

**THE 103 Design Concepts for Visual Artists**  
This course is a conceptual approach to lighting, scenic, and costume design for the actor/director/designer in theatre, dance, media, and motion pictures. It includes an analysis of designers, drawings, and the necessary communication skills in expressing concepts to designers and directors. Students will gain a comprehensive understanding of the components of design across a range of theatrical disciplines.  
Prerequisite of THE 108 is required.  
Credits: 3  
On Occasion

**THE 104 Technical Theater Practices 1**  
This course is a comprehensive survey of the theoretical and practical aspects of technical theater production including organization, equipment, materials, methods and vocabulary. This course is a lecture-based course that includes a strong practical component. The course is intended to provide the student with a working vocabulary and the basic knowledge necessary to function effectively in the theater.  
Prerequisite of a Theater major, Dance major, Arts Management major, or Theater Minor and a Co-requisite of THE 204 are required.  
Credits: 3  
Every Fall and Spring

**THE 105 Technical Theater Practices 2**  
This course is a comprehensive survey of the theoretical and practical aspects of technical theater production including organization, equipment, materials, methods and vocabulary. This course is a lecture-based course that includes a strong practical component. The course is intended to provide the student with a working vocabulary and the basic knowledge necessary to function effectively in the theater.  
Prerequisite of a Theater major, Dance major, Arts Management major, or Theater Minor and a Co-requisite of THE 204 are required.  
Credits: 3  
Every Fall and Spring

**THE 107 Stage Management**  
This course builds upon the introductory level to introduce advanced aspects of engineering drawing with special emphasis on the specifics of theatrical drafting: floor plans, design elevations, shop drawings, sections, pictorial drawings. This is a practical course that imparts the skills necessary for working with blueprints and design renderings in order to read and interpret a designer's vision.  
Prerequisites of THE 104 & 105 or permission of the instructor are required.  
Credits: 3  
Alternate Fall

**THE 110 Stage Management**
This course covers the basic principles and skills of stage management, including: script analysis, preparation of prompt book, rehearsal organization, production coordination and running of productions. Instruction will include both lecture-based and experiential components. Students will gain the skills necessary to execute the job of a stage manager or assistant stage manager. May be repeated a maximum of two semesters. 
Prerequisites of THE 104 & 105 or permission of the instructor are required. 
Credits: 3 
Every Fall

THE 111 Theatre and Dance Management 
This course examines the challenges of managing theatrical and dance organizations. In addition to reading a number of case studies, students will study basic union agreements, create performance and production schedules and production budgets, and conceive and negotiate collaborative ventures. Students will gain an overall understanding of the complexities involved with managing an arts organization. Cross listed as ARM 64. 
Prerequisites of THE 104 & 105 or permission of the instructor are required. 
Credits: 3 
Alternate Fall

THE 113 Scene Design I 
This course includes the art and craft of scenic design, including design sketches, model preparation, designer's elevations and painter's elevations. It also includes the principles and processes of analyzing a play in visual terms to create the scenic environment of productions. This course is both lecture-based and practical in nature. Students will gain an understanding of the art and craft of scenic design. 
Prerequisites of THE 104, 105, and 108 or the permission of instructor are required. 
Credits: 3 
Alternate Fall

THE 114 Scene Design II 
This course is a continuation of THE 113; it includes the art and craft of scenic design, including design sketches, model preparation, designer's elevations and painter's elevations. It also includes the principles and processes of analyzing a play in visual terms to create the scenic environment of productions. This course is both lecture-based and practical in nature. Students will gain an understanding of the art and craft of scenic design. 
Prerequisites of THE 104, 105, and 108 or the permission of instructor are required. 
Credits: 3 
On Occasion

THE 115 Lighting Design 
This course is an introduction to lighting design, theory and practice, with considerations of light plots, color theory, and media; electricity, lighting instruments, and control; physics and optics of stage lighting are considered. This is a practice-based course with lecture components. Also included is the application of theatrical lighting techniques in related fields, such as television and film. Students will gain an understanding of how to design lighting for a variety of mediums. 
Prerequisites of THE 104, 105, and 108 or the permission of instructor are required. 
Credits: 3 
Alternate Fall

THE 116 Lighting Technology 
This course is an introduction to lighting technology, theory and practice. The light plot, color theory, and media; electricity, lighting instruments, and control; physics and optics of stage lighting are considered. Also included is the application of theatrical lighting techniques in related fields, such as television and film. Students will gain a strong understanding of the various facets of lighting technology in order to execute tasks related to theatrical lighting. 
Prerequisites of THE 104, 105, and 108 or the permission of instructor are required. 
Credits: 3 
Alternate Fall

THE 119 Stagecraft 
This course is a detailed and intensive study of the materials, processes and techniques necessary for constructing, rigging and shifting the visual elements of scenic settings. This is a practice-based course. Students will leave with the skills necessary to execute basic scene construction. 
Prerequisites of THE 104 & 105 or permission of the instructor are required. 
Credits: 3 
Alternate Fall

THE 120 Advanced Stagecraft 
This course is an advanced intensive study of the materials, processes and techniques necessary for constructing, rigging and shifting the visual elements of scenic settings. This is a practice-based course. Students will leave with the skills necessary to execute advanced scene construction. 
Credits: 3 
On Occasion

THE 121 Basic Acting I 
Basic Acting I is an introductory studio course focused on acting exercises, improvisations, and basic scene work. Through practical explorations, the course intends to develop the student’s imagination and ability to identify intentions and given circumstances. Students can expect to leave with the necessary vocabulary and practical skills to undertake the work of the actor working with contemporary material. 
Prerequisite of Theatre major OR a Dance/Arts Management major are required. 
Credits: 3 
Every Fall

THE 122 Basic Acting II 
Introduction to scene study and basic character development; continuation of THE 121. Basic Acting II is a practice-based studio course. Students can expect to leave with the necessary vocabulary and practical skills to undertake the work of the actor working with contemporary material. 
Prerequisite of THE 121 is required. 
Credits: 3 
Every Spring

THE 123 Intermediate Acting I 
Intermediate Acting I introduces voice, speech, and movement techniques to the actor's process, to build upon the skills developed in Basic Acting I and II. This is a practice-based course, with a focus on strengthening the connection to given circumstance and character development. Students can expect to integrate acting tools with more complex texts, particularly those of early modern realism. 
Prerequisite of THE 122 or permission of the instructor is required. 
Credits: 3 
Every Fall

THE 124 Intermediate Acting II 
The course is a continuation of THE 123. Intermediate Acting II continues to integrate voice, speech, and movement techniques into the actor's process, to build upon the skills developed in Basic Acting I and II and Intermediate Acting I. This is a practice-based course, with a focus on strengthening the connection to given circumstance and character development. Students can expect to integrate acting tools with more complex texts, particularly those of early modern realism. 
Prerequisite of THE 123 is required. 
Credits: 3 
Every Spring

THE 125 Advanced Acting I 
This course offers two different options, both are practice-based studio courses: 
Option I focuses on scene and monologue study with texts from Greek classical drama and Shakespeare. Alternative performance techniques drawn from postmodern theater practitioners will provide the means through which students will develop personal process that deviates from the traditional Stanislavsky system. Co-requisite of THE 542. 
Option II focuses on scene and monologue study within Shakespearean text with emphasis on original performance practices. Co-requisite of THE 168. 
Students can expect to leave with a variety of new tools to apply with heightened texts. 
Credits: 3 
Every Fall

THE 126 Advanced Acting II 
A continuation of Theater 125, with the continued two options. 
Option I focuses on texts taken from Modern and
Post-Modern playwrights. Through script analysis and practical experience in physical performance techniques, students will continue to develop a personal process that incorporates a broad range of performance practice.

Option II focuses on a strong foundation in Laban technique and the use of Elliptical Energy theory in practice. Students will develop an awareness of kinesthetic awareness, a sense of playfulness, collaboration, and openness. This provides tools to heighten creativity and physical expressiveness.

Students in both options will leave with strong physical presence that supports strong acting both in theatre and in other mediums. Prerequisite of THE 125 is required. Credits: 3 Every Spring

THE 127 Meisner Technique
This is a practice-based acting class based on the technique of Sanford Meisner, a member of the Group Theater and the founder of the Neighborhood Playhouse in New York. This method is an offshoot of the Stanislavski Technique, focusing on the reality of doing and behaving truthfully in imaginary circumstances. Students will leave with an understanding of how to respond to their partners in the present moment in performance. Prerequisite of THE 123 is required. Credits: 3 Annually

THE 128 Sound Technology
Through lecture and demonstration, the student will become familiar with the standard equipment that is used in theatrical sound production. The student will learn equipment function and proper operation. Students can expect to leave with the skills for basic sound recording, editing, communications systems, enhancement and repair. Credits: 3 Alternate Spring

THE 129 Sound Design
This course is an introduction to sound design, theory, and practice. This course includes both lecture and practice-based components and include design projects related to historical references, with an emphasis on the source needed for such a design. Students will gain an understanding of the art and craft of scenic design. Credits: 3 Alternate Fall

THE 130 Makeup & Mask
This course explores the techniques involved with theatrical makeup and mask making. This practice-based course covers instruction in makeup techniques taking into account factors of age, temperament, production style. Students can expect to leave with the basic skills required to execute theatrical makeup application and basic mask making. May be repeated for a maximum of two semesters. Prerequisites of THE 104 & 105 or permission of the instructor are required. Credits: 3 Every Fall

THE 131 Directing I
This is a studio course in all basic elements of theatrical direction: play selection and analysis, pre-production planning, casting, rehearsals, integration of production elements. Students direct short plays for public performance. Substantial rehearsal time required. Students can expect to gain the skills necessary for directing short plays. May be repeated for a maximum of four semesters. Prerequisites of THE 121 and 122 are required or permission of the instructor. Credits: 3 Every Fall and Spring

THE 132 Directing II
An advanced studio course that explores the challenges involved with directing various forms of theater, including classical, avant-garde, and post-modern plays. Students direct short plays for public performance. Substantial rehearsal time required. Students can expect to gain the skills necessary for directing plays. Prerequisite of THE 131 is required. Credits: 3 On Occasion

THE 141 Classical Theatre History
This course investigates historical periods, dramatic genres, and theater literature of Western theatrical culture from the Greeks through Romanticism. This lecture-based course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. Students can expect to gain an understanding and historical perspective of theatre history from ritual through the Restoration. Credits: 3 Every Semester

THE 142 Modern Theatre History
This second semester of theatre history investigates historical periods, dramatic genres and theatre literature from Realism to the present. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. Credits: 3 Every Semester

THE 143 Shakespeare in Performance
This course surveys developments in theory and practice of Shakespearean performance. The stylistic analysis of selected plays, performance techniques and theatrical conventions, including contemporary and non-traditional approaches, is examined. Students can expect to gain an understanding of the historical trends of Shakespeare in Performance, and read Shakespeare as performance texts in addition to literary works. This lecture-based course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum. Prerequisite of THE 141 is required or permission of instructor. Credits: 3 Annually

THE 144 Acting for Film & Television
This is an advanced level course to prepare the actor for the many demands placed on the performer by the camera. Prerequisite of THE 126 is required. Credits: 3 Every Spring

THE 145 Playwriting I
This course covers the theory and practice of writing for the stage. This lecture-based, practical course includes intensive writing and rewriting, which leads to the creation of a one-act play, with critical evaluation and individual attention. Students can expect to gain the basic dramaturgical tools involved in writing plays. Selected plays may be produced as part of the Post Theatre Company schedule. May be repeated for a maximum of four semesters. Prerequisites of ENG 1 and 2 and Sophomore status is required. Credits: 3 Every Fall and Spring

THE 146 Playwriting II
This course covers advanced theory and practice of writing for the stage. Intensive writing and rewriting leads to the creation of a one-act play, with critical evaluation and individual attention. Selected plays may be produced as part of the Post Theatre Company schedule. Students will gain more advanced skills for theatrical writing. May be repeated for a maximum of four semesters. Prerequisite of THE 145 is required. Credits: 3 On Occasion

THE 147 Musical Theatre History
This lecture-based course is a study of musical comedy from its origins in the 18th century through its fruition in the 19th, to its innovations in the modern era. Students can expect to gain an appreciation for musical theatre and an understanding of the evolution of the art form throughout history. Credits: 3 Every Spring

THE 148 The History of American Musical
This course is a survey of costume, architecture and decor of the major periods of Western civilization from prehistory to the present time with an emphasis on the sources of research needed for design. Visits to galleries, museums, libraries and historical sites. Prerequisites of THE 104 & 105 or permission of the instructor are required. Credits: 3
explores the relationship of breath to the text and 

THE 166, which teaches the fundamentals of 

This practice-based studio course is a continuation 

Every Fall 

Credits: 3 

Prerequisite: THE 122 

ability to speak clearly and effectively. 

understanding of the vocal instrument and an 

relationship of breath to the text and acquires the 

exercises and text work, the student explores the 

on the use of the vocal instrument. Through 

Students can expect to gain an advanced 

Prerequisites of THE 166 and 167 are required. 

Every Fall 

THE 171 Costume Design 

This course is an introduction to the principles and 

practices established in THE 166 & 167. This 

Students can expect to gain an advanced 

Prerequisites of THE 166 and 167 are required. 

On Occasion 

THE 180 Contemporary Musical Theatre 

This studio-based course is a practicum in musical 

theatre performance techniques with emphasis on 

developing a clear process for performing in 

Musical theatre repertoire and movement are also included in the course work. 

Students can expect to gain a working 

Prerequisites of THE 121, 122, MUS 88A or MUS 

88B 

Every Fall 

THE 188 Thesis 

This course is an advanced performance or 

production project, including all appropriate 

research and written analysis on the creative 

process. This is a practice-based tutorial, that is 

offered on an individual basis. Students can expect 

to undertake a thesis project and document their 

process to provide an analysis of their investigation 

through practice. 

Credits: 3 

On Demand 

THE 196 Musical Theatre Styles 

This is an intermediate/advanced level musical 

teacher dance class designed to better prepare the 

students for a career in musical theater. Students 

will learn a broad variety of iconic choreography 

dance styles from throughout the history of 

musical theater. Additionally, students will develop 
a more advanced repertoire of different movement 

techniques to enrich their physicality and diversify 

THE 193 Theatre Research/Perf Wkshop: 

Following the Creative Impulse is designed to give undergraduate 

level students exposure to and experience working with ensemble generated theatre. Students will get hands on experience working with a wide range of 

methodologies that can be utilized to create generative forms of expression. This class will be a laboratorio environment to rigorously investigate how innovative, divergent, and multidisciplinary thinking can create inspired works. Students will deconstruct the principles of creativity and inspiration to build their own methodology of generating material that can be used in theatre or any other discipline they choose. This course fulfills the Creativity, Media & the Arts cluster in the core curriculum. 

Prerequisites of THE 121 and 122 are required or permission of the instructor. 

Every Semester 

THE 199 Advanced Individual Study in Theatre 

This course presents an opportunity for individual faculty-guided projects in production, acting, design, management, playwriting, history and criticism. 

May be repeated for a total of four semesters for 1, 2, 3, or 4 credits. 

Credits: 1 to 4 

Every Semester 

THE 121 Professional Skills: The Business of Acting 

This course introduces the business practices of the 

acting profession, and introduces students to the 
current trends in the field. This course includes both 

lectures and experiential components, and is 

required for any actor participating in the Senior Showcase. Students can expect to gain an 

understanding of audition techniques, material 

selection, marketing, and strategies to engage 

members of the industry. 

Prerequisite of THE 121 is required. 

Credits: 3 

Every Spring 

THE 122 

Every Fall 

THE 167 Beginning Voice and Speech II 

This practice-based studio course is a continuation of THE 166, which teaches the fundamentals of voice and speech for the stage and provides a working knowledge of the phonetic alphabet. It also focuses on the use of the vocal instrument. Through 

exercises and text work, the student explores the relationship of breath to the text and acquires the knowledge to care for and maintain 

vocal health and production. Students will gain an 

understanding of the vocal instrument and an 

ability to speak clearly and effectively in 

performance. 

Prerequisite: THE 166 or permission of instructor required. 

Credits: 3 

Every Spring 

THE 168 Advanced Voice and Speech I 

This practice-based studio course is a Voice and Speech studio practicum integrating Laban technique and elliptical energy work with the vocal 

practices established in THE 166 & 167. This 

course is a co-requisite of THE 125, Option II. 

Students can expect to gain an advanced 

understanding of the application of voice/speech to 

heightened text, as a tool of the actor's process. 

Prerequisites of THE 166 and 167 are required. 

Credits: 3 

Every Fall 

THE 170 Stage Combat 

This course introduces actors to the technique of stage combat. This is a practice-based studio course that emphasizes safety as well as integrates staged 

fighting and movement into the actor's process. Students can expect to gain the basic physical 

vocabulary and technique of stage combat. 

Prerequisite of Theatre major or permission of instructor. 

Credits: 3 

Every Spring 

THE 151 Beginning Suzuki Technique 

This course is an introduction to the Suzuki method of actor training. This is a practice-based studio course that develops rigorous physical 

training that enhances the actor's concentration and focus, discipline, and ability to create theatrical presence. Students will learn the basic principles of the 

Suzuki technique and its applications. 

Prerequisite of THE 121 is required. 

Credits: 3 

Every Spring 

THE 120 Business of Musical Theatre 

This course introduces members of the industry. Students can expect to gain an advanced 

understanding of the vocabulary of musical theatre 

Students can expect to gain a working 

understanding of the application of voice/speech to 

heightened text, as a tool of the actor's process. 

Prerequisites of THE 166 and 167 are required. 

Credits: 3 

Every Fall 

THE 169 Musical Theatre Practices II 

Musical Theatre Practices II is an upper level, 

practice-based studio course that develops advanced 

performance techniques in musical theatre. 

Students can expect to build an extensive musical 

theatre repertoire in preparation for the profession. 

The pre requisite of THE 180 is required. 

Credits: 3 

Every Spring 

THE 175 Senior Acting Studio 

A capstone class in which fourth year acting 

students work to synthesize the studio experiences of the previous three years through monologues and scene study. This is a practice-based studio 
course. Students can expect to develop a rationale for a personal process based on the genre of material. 

Prerequisite of THE 126 or permission of instructor is required. 

Credits: 3 

Every Semester 

THE 188 Thesis 

This course is an advanced performance or 

production project, including all appropriate 

research and written analysis on the creative 

process. This is a practice-based tutorial, that is 

offered on an individual basis. Students can expect 
to undertake a thesis project and document their 

process to provide an analysis of their investigation through practice. 

Credits: 3 

The pre requisite of THE 180 is required. 

Credits: 3 

Every Fall 

THE 185 Musical Theatre Practices I 

This studio-based course is a practicum in musical 

theatre performance techniques with emphasis on 

developing a clear process for performing in 

musical theatre. Musical theatre repertoire and movement are also included in the course work. 

Students can expect to gain a working 

understanding of the vocabulary of musical theatre 

performance. 

Prerequisites: THE 121, 122, MUS 88A or MUS 

88B 

Credits: 3 

On Demand
their choices in stage performance.
Pre requisite: 4 of the following: DNC 44A, DNC 144, DNC 121, DNC 122, DNC 123, DNC 124
Credits: 3
Every Spring
THE 201 Department Contract
This course is a practicum for theatre majors; a service contract offering the upperclass student a hands-on opportunity to serve as a peer mentor, a company coach, a company publicist, or another position in support of the department and the Post Theatre Company. Required for all upperclass majors in residence. Students will gain practical experience in the area in which their contract is executed.
Credits: 0
Every Fall and Spring
THE 202 Department Contract
This course is a practicum for theatre majors; a service contract offering the upperclass student a hands-on opportunity to serve as a peer mentor, a company coach, a company publicist, or another position in support of the department and the Post Theatre Company. Required for all upperclass majors in residence. Students will gain practical experience in the area in which their contract is executed.
Credits: 0
On Occasion
THE 204 Department Contract 1
This is a theatre major service contract, a required practical lab for first year students. Students will gain practical experience in the area in which their contract is executed. This is a co-requisite for THE 104.
Credits: 0
Every Fall and Spring
THE 239 Production Laboratory
This course is an intensive experience in theatrical production for public performance. This practical experience synthesizes acting, design, technical and managerial elements in a theatrical production. Production concepts, process, rehearsal, and performances are evaluated by the director and advisor. Students will gain the practical experience of mounting a professional performance for public viewing. Must be repeated when a student is cast in a PTC production.
Prerequisites of THE 104, 105, 121 or permission of chair are required.
Credits: 1
Every Fall
THE 240 Production Laboratory
This course is an intensive experience in theatrical production for public performance. This practical experience synthesizes acting, design, technical and managerial elements in a theatrical production. Production concepts, process, rehearsal, and performances are evaluated by the director and advisor. Students will gain the practical experience of mounting a professional performance for public viewing. Must be repeated when a student is cast in a PTC production.
Prerequisite or Co-requisite of THE 122 & 104 or 105, in addition to pre requisites of THE 121 is required
Credits: 1
Every Spring
SCHOOL OF VISUAL ARTS

Dedicated to professional training within a liberal arts environment, the School of Visual Arts prepares students for careers in many of today’s fastest growing visual, print, and digital design industries. The School’s individual degree programs offer unique programs of study and opportunity to engage in a multitude of mediums such as: 2D and 3D Art, movies, television, digital design, video games, art therapy and other visual art forms. Today’s creatives must be aware of market trends in order to remain on the cutting edge of innovation while being able to apply aesthetic solutions to enhance the value of a product or service.

From concept to completion, our students engage in making high-quality content every day. It is a creative act, to be sure, but it also requires technical skill, collaboration, organization, communication, critical analysis, and a healthy dose of problem solving. These skills, alongside and in concert with specific disciplinary expertise, allow students to develop the professional content that we all want, need, and expect today and for years to come.

DEPARTMENT OF ART, DESIGN AND GAME DEVELOPMENT

The Department of Art, Design and Game Development is dedicated to providing training that develops your creative voice and fortifies your passion with professional practices, so you become the driving force of your career. Ambitious students work closely with internationally recognized artist-faculty while taking advantage of New York City’s wealth of creative resources. Programs offered provide students with the creative, technical and collaborative skills necessary to enter the professional world of art and design.

In studios devoted to drawing & painting, printmaking, sculpture (wood, 3D printing, laser cutting, CNC fabrication), and ceramics, you can combine traditional art practices with the latest digital imaging and production techniques. Collaborate with peers, exhibit your work in the dedicated student art gallery, and get feedback from renowned visiting artists. Learn from dynamic art historians who bring to life the history and theory of human creativity in courses that range from the arts of the ancient Near East and the Mediterranean to contemporary art and photography.

The Department prepares students for dynamic and rewarding careers in print design, web development, interactive multimedia, and digital game design. We offer a strong foundation in the practice, history, and theory of design, project-based curriculum that allow students to develop a wide range of creative and technical design skills, as well as access and guidance in the application of cutting-edge technologies.

Internships in every major equip you with real-world experience as you graduate from the B.F.A. in Art, Digital Arts & Design and Digital Game Design and Development. Enrich your degree with international study opportunities ranging from two-week, single-course trips to Europe, Korea, or China, to semester-long study abroad in Florence, Italy.

Take advantage of the rich variety of opportunities offered in the Department and you will emerge with the capacity to solve complex problems, think critically and creatively, and work effectively with people—the top in-demand job skills according to the World Economic Forum report on the future of work. Moreover, as you feed your passion you will be prepared to engage an ever-changing world and power your drive to thrive.

B.F.A. Art

Designed for individuals who plan a career in the world of art, the Bachelor of Fine Arts offers an intensive program that combines the latest creative technologies with training in the traditional studio arts, and a liberal arts education. This 120-credit program is intended for students who wish to become professional artists and/or pursue graduate study in the visual arts.

As an art major you will study with professional artists and leading scholars, as well as visiting guest artists from around the world. You will build a solid foundation in drawing, painting, ceramics, sculpture and printmaking, while exploring the history and theory of human creativity in courses that range from the arts of the ancient Near East and the Mediterranean to contemporary photography and digital design. Art Foundations are required of all freshmen in the program, where concepts and practices in two- and three-dimensional art forms are examined. As a junior you will choose one or more of the studio arts as your concentration; as a senior you will work with a faculty advisor in preparing a B.F.A. exhibition of works in your chosen art media.

Drawing and painting, printmaking, sculpture (with 3D-printer, laser cutter, and CNC router), wood shop, and ceramic studios; gallery to showcase student work; and the Steinberg Museum of Art are a few of the many resources at your fingertips. These facilities are complemented by one of the finest undergraduate academic libraries in the region with holdings that include important art collections.

ADMISSION REQUIREMENTS

- A portfolio Review is required for admission to all undergraduate art programs. There are two parts to the application process:
  1. Apply for academic admission to the university at https://apply.liu.edu/quickapp.
  2. Submit your portfolio for admission to all LIU post. Portfolio reviews are offered by appointment at all LIU Post Open Houses, monthly in conjunction with studio class visits, or online at getacceptd.com/liu. Call (516) 299-2385 to schedule your portfolio review.

- Students wishing to transfer into a Department of Art program are required to submit a portfolio for evaluation by the director of the relevant program. More information on portfolio reviews may be found on the Art Portfolio Scholarship Review Days website at www.liu.edu/post/art or by calling the Department of Art at 516-299-2385.

Core Curriculum Requirements

In addition to all major requirements, students pursing the B.F.A. Art must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

| POST 101 | First-Year Seminar | 1 credit |
| POST 102 | Writing | 3 credits |
| POST 103 | Writing II | 3 credits |
| POST 104 | Quantitative Reasoning | 3 credits |
| POST 105 | Scientific Inquiry & the Natural World | 4 credits |
| POST 106 | Creativity, Media & the Arts | 3 credits |
| POST 107 | Perspectives on World Cultures | 3 credits |
| POST 108 | Self, Society & Ethics | 3 credits |
| POST 109 | Power, Institutions & Structures | 3 credits |
| POST 110 | Additional course from one cluster | 3-4 credits |

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Fine Arts Courses: (25 credits)

| ART 2 | Studio Foundation I | 9.00 |
| ART 3 | Studio Foundation II | 6.00 |
| DRA 1 | Drawing I | 3.00 |
| ART 102 | Fine Arts Internship | 3.00 |
| ART 103 | Fine Arts Senior Seminar | 1.00 |
### Art Studio Concentration

**Required Art Studio Courses: (24 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ART 11</td>
<td>Life Drawing I</td>
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<tr>
<td>ART 14</td>
<td>Painting 2</td>
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<tr>
<td>ART 20</td>
<td>Advanced Photography</td>
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<tr>
<td>ART 21</td>
<td>Printmaking</td>
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<td>ART 22</td>
<td>Intermediate Printmaking</td>
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<tr>
<td>ART 31</td>
<td>Pottery/Ceramics I</td>
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<tr>
<td>ART 35</td>
<td>Sculpture 1</td>
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<tr>
<td>ART 36</td>
<td>Sculpture 2</td>
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</tbody>
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**One of the following: (3 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ART 13</td>
<td>Painting 1</td>
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<tr>
<td>ART 43</td>
<td>Watercolor</td>
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**Required Art History Courses: (9 credits)**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ART 59</td>
<td>Survey of World Art I</td>
</tr>
<tr>
<td>ART 60</td>
<td>Survey of World Art II</td>
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<tr>
<td>ART 72</td>
<td>Contemporary Art</td>
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</tbody>
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**Required Senior Tutorial and Thesis Courses**

**One of the following: (3 credits)**

<table>
<thead>
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<th>Course</th>
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<tbody>
<tr>
<td>ART 385</td>
<td>Honors Tutorial</td>
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<tr>
<td>ART 386</td>
<td>Honors Tutorial</td>
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<td>ATUT 1</td>
<td>Senior Fine Arts Tutorial</td>
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**One of the following: (3 credits)**

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ART 389</td>
<td>Honors Thesis</td>
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<tr>
<td>ART 390</td>
<td>Honors Thesis</td>
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<td>PROJ 3</td>
<td>Senior Project</td>
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**One of the following: (3 credits)**

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ART 61</td>
<td>Ancient Art: The Western Tradition</td>
</tr>
<tr>
<td>ART 64</td>
<td>Medieval Art</td>
</tr>
<tr>
<td>ART 65</td>
<td>Italian Renaissance Art</td>
</tr>
<tr>
<td>ART 66</td>
<td>Northern Art of the 15th and 16th Centuries</td>
</tr>
<tr>
<td>ART 67</td>
<td>The Art of the Baroque</td>
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<tr>
<td>ART 68</td>
<td>The Art of the 18th and 19th Centuries</td>
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<tr>
<td>ART 70</td>
<td>Modern Art</td>
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<tr>
<td>ART 75</td>
<td>American Art</td>
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<tr>
<td>ART 77</td>
<td>Pre-Colonial Arts of Africa, Oceania and the Americas</td>
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<tr>
<td>ART 78</td>
<td>Asian Art</td>
</tr>
<tr>
<td>ART 79</td>
<td>History of Photography</td>
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<tr>
<td>ART 80</td>
<td>Concepts &amp; Issues in Contemporary Photography</td>
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</tbody>
</table>

### Elective Directed Studio Art: Any four undergraduate ART, CER, CGPH, DRAW courses (12 credits)

**Free Elective (6 credits)**

**Mixed Studio Concentration: (18 credits)**

**Students must complete TWO of the following options:**

#### Option 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ART 21</td>
<td>Printmaking</td>
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<tr>
<td>ART 22</td>
<td>Intermediate Printmaking</td>
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<td>ART 23</td>
<td>Advanced Printmaking</td>
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#### Option 2

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<th>Course</th>
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<tbody>
<tr>
<td>ART 35</td>
<td>Sculpture 1</td>
</tr>
<tr>
<td>ART 36</td>
<td>Sculpture 2</td>
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<tr>
<td>ART 37</td>
<td>Sculpture 3</td>
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</table>

#### Option 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 14</td>
<td>Painting 2</td>
</tr>
<tr>
<td>ART 15</td>
<td>Advanced Painting 3</td>
</tr>
</tbody>
</table>

**One of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 13</td>
<td>Painting 1</td>
</tr>
<tr>
<td>ART 43</td>
<td>Watercolor</td>
</tr>
</tbody>
</table>

### Mixed Studio Second Portion

**Required Art History Courses: (9 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 59</td>
<td>Survey of World Art I</td>
</tr>
<tr>
<td>ART 60</td>
<td>Survey of World Art II</td>
</tr>
<tr>
<td>ART 72</td>
<td>Contemporary Art</td>
</tr>
</tbody>
</table>

**One of the following: (3 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 61</td>
<td>Ancient Art: The Western Tradition</td>
</tr>
<tr>
<td>ART 64</td>
<td>Medieval Art</td>
</tr>
<tr>
<td>ART 65</td>
<td>Italian Renaissance Art</td>
</tr>
<tr>
<td>ART 66</td>
<td>Northern Art of the 15th and 16th Centuries</td>
</tr>
<tr>
<td>ART 67</td>
<td>The Art of the Baroque</td>
</tr>
<tr>
<td>ART 68</td>
<td>The Art of the 18th and 19th Centuries</td>
</tr>
<tr>
<td>ART 70</td>
<td>Modern Art</td>
</tr>
<tr>
<td>ART 75</td>
<td>American Art</td>
</tr>
<tr>
<td>ART 77</td>
<td>Pre-Colonial Arts of Africa, Oceania and the Americas</td>
</tr>
<tr>
<td>ART 78</td>
<td>Asian Art</td>
</tr>
<tr>
<td>ART 79</td>
<td>History of Photography</td>
</tr>
</tbody>
</table>

### Credit Requirements

**Major Required Credits: 82**

**Minimum Total Credits: 120**

**Minimum Liberal Arts Credits: 30**

### B.F.A. Digital Arts and Design

Students that pursue studies in the Digital Arts and Design program have numerous career paths available to them. The 120-credit Bachelor of Fine Arts in Digital Arts & Design is structured to prepare students for successful careers in print design, Web design, interaction design, motion graphics, and animation. The mission of the program is to convey the knowledge, as well as nurture the technical and creative skills, that are required for graduates to secure employment as digital designers. Courses cover a range of areas including desktop publishing, vector-based illustration, digital imaging, web design,
interactive multimedia, 3D animation, and desktop video. An established plan of study provides students with a foundational structure in a range of design software and media applications that introduce them to the different career paths they can pursue within the field of digital design. Some of our students go into advertising, while others pursue interactive design, Web design, or publishing. As students move through the plan of study, they begin to develop interests that help determine which area of design they might pursue professionally. The program also includes internship opportunities that demystify the work experience in a design department. Students in the B.F.A. in Digital Arts and Design program have interned at, and have been hired by, world-class media companies including SONY, NBC, Esquire Magazine, Entertainment Weekly, Newsday, Time Warner, and Hearst Publications. In their senior year, students are required to create both traditional and interactive portfolios of their work and participate in a Senior Exhibition.

Classes are small and students work in a fully networked suite of computer labs equipped with over 70 Macintosh workstations, large format color printers, and related peripheral technology. Our faculty is comprised of design professionals and authors in the fields of graphic design, Web design, integration design, 3D animation, and digital video production.

ADMISSION REQUIREMENTS Students wishing to transfer into the digital art and design program must submit a portfolio of design work.

B.F.A. Digital Arts and Design

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.F.A. Digital Arts and Design must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1 credit</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3 credits</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Additional course from one cluster</td>
<td>3-4 credits</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Digital Arts & Design Courses: (70 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 6</td>
<td>3D Visualization</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 5</td>
<td>Computer Layout 1</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 6</td>
<td>Advanced Computer Layout 2</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 7</td>
<td>Digital Illustration 1</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 8</td>
<td>Digital Illustration 2</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 9</td>
<td>Digital Typography</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 10</td>
<td>Digital Graphics Production Lab</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 11</td>
<td>Interaction Design 1</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 12</td>
<td>Desktop Video</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 14</td>
<td>Interaction Design 2</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 15</td>
<td>Desktop Video 2</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 16</td>
<td>Digital Imaging</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 18</td>
<td>Digital Imaging Synthesis</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 20</td>
<td>3D Modeling &amp; Animation 1</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 21</td>
<td>3D Modeling &amp; Animation 2</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 22</td>
<td>Website Design</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 24</td>
<td>Website Development</td>
<td>3.00</td>
</tr>
<tr>
<td>VISL 1</td>
<td>Introduction to Graphic Design</td>
<td>3.00</td>
</tr>
<tr>
<td>VISL 2</td>
<td>Publication Design</td>
<td>3.00</td>
</tr>
<tr>
<td>VISL 3</td>
<td>Advertising Design</td>
<td>3.00</td>
</tr>
<tr>
<td>VISL 4</td>
<td>Digital Industries: Student Agency</td>
<td>3.00</td>
</tr>
<tr>
<td>VISL 98</td>
<td>Portfolio Preparation</td>
<td>4.00</td>
</tr>
<tr>
<td>PROJ 3</td>
<td>Senior Project</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective Directed Art Studio Courses: (3 credits)

With approval of Professor or free elective.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGPH 97</td>
<td>Internship</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Art History Courses: (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1</td>
<td>Introduction to the Visual Arts</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 85</td>
<td>History of Visual Communications</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Credit Requirements

Major Required Credits: 70
Minimum Total Credits: 120
Minimum Liberal Arts Credits: 30

B.F.A. Digital Game Design and Development

The Digital Game Design and Development program at LIU Post offers a project-based curriculum that allows students to develop skills in all areas of game development, including game design, computer programming, and visual design. The program focuses heavily on game creation. During their time at LIU Post students work on several solo and group-based projects, giving them a chance to develop a broad range of game creation skills. Before graduating, students complete a capstone thesis project that can be used as a portfolio piece on a job application or as an independent commercial project.

This rigorous program prepares students for a career in the game industry as well as other related industries. LIU Post’s proximity to New York City’s vibrant commercial and artistic communities provides students with opportunities to interact with key figures in the game industry and helps them develop career opportunities.

B.F.A Digital Game Design & Development

[Program Code: 37046] [HEGIS: 1099.0]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.F.A. Digital Game Design & Development must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1 credit</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3 credits</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Additional course from one cluster</td>
<td>3-4 credits</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Every Digital Game Design & Development student must take all the required courses listed below before graduating. Required courses add up to 39 credits.
Courses marked with an asterisk* have prerequisites. Look at the appropriate section of the course bulletin to find the prerequisites for each course.

**Required Digital Game Design Courses:** (33 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGD 1</td>
<td>Introduction to Game Design</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 2</td>
<td>Games Through History</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 3</td>
<td>Game Studies</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 4</td>
<td>Digital Game Development 1</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 5</td>
<td>Digital Game Development 2*</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 6</td>
<td>Digital Game Development 3*</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 20</td>
<td>Level Design for Games*</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 21</td>
<td>Intro to Visual Design for Games</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 22</td>
<td>Audio Design for Games</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 90</td>
<td>Senior Game Prototyping*</td>
<td>3.00</td>
</tr>
<tr>
<td>DGD 91</td>
<td>Senior Game Project*</td>
<td>3.00</td>
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</table>

**Required Co-Related Courses:** (6 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGPH 16</td>
<td>Digital Imaging</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 20</td>
<td>3-D Modeling &amp; Animation 1*</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Game Electives and Concentration Sequences**

Students must complete 30 credits from the following list of Game Electives: (30 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 101</td>
<td>Problem Solving</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 106</td>
<td>Foundations of Web Design &amp; Development*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 111</td>
<td>Object Oriented Programming I*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 116</td>
<td>Intermediate Data Structures and Algorithms*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 127</td>
<td>Introduction to Game Design (CS)*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 133</td>
<td>Analysis &amp; Logic Design</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 231</td>
<td>Database Fundamentals*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 237</td>
<td>Human-Computer Interaction*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 245</td>
<td>Working in a Team Environment*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 254</td>
<td>Artificial Intelligence and Games*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 257</td>
<td>Computer Graphics*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 263</td>
<td>Game Programming I*</td>
<td>3.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 267</td>
<td>Scientific Foundations for Games*</td>
<td>3.00</td>
</tr>
<tr>
<td>CS 271</td>
<td>Game Programming II*</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 7</td>
<td>Digital Illustration 1</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 8</td>
<td>Digital Illustration 2*</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 9</td>
<td>Digital Typography*</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 11</td>
<td>Interaction Design 1</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 14</td>
<td>Interaction Design 2*</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 18</td>
<td>Digital Imaging Synthesis*</td>
<td>3.00</td>
</tr>
<tr>
<td>CGPH 21</td>
<td>3-D Modeling and Animation 2*</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 1</td>
<td>Introduction to Visual Arts</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 5</td>
<td>Introduction to Basic Drawing</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 11</td>
<td>Life Drawing</td>
<td>3.00</td>
</tr>
<tr>
<td>ART 12</td>
<td>Life Drawing 2*</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 182</td>
<td>Introduction to Creative Writing*</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 282</td>
<td>Fiction Writing*</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 285</td>
<td>Screenwriting*</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 3</td>
<td>College Algebra and Trigonometry*</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 7</td>
<td>Calculus and Analytic Geometry I*</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 19</td>
<td>Basic Statistics</td>
<td>4.00</td>
</tr>
<tr>
<td>BDST 4</td>
<td>Digital Audio Production*</td>
<td>3.00</td>
</tr>
<tr>
<td>BDST 11</td>
<td>Production Essentials: Audio</td>
<td>3.00</td>
</tr>
<tr>
<td>CMA 10</td>
<td>Media Law and Ethics</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 1</td>
<td>Introduction to Musical Concepts</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 2</td>
<td>Elementary Musicianship</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 14A</td>
<td>Introduction to Music Technology</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 14B</td>
<td>Intermediate/Advanced MIDI Sequencing*</td>
<td>3.00</td>
</tr>
<tr>
<td>MUS 14C</td>
<td>Intermediate/Advanced Notation*</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 25</td>
<td>Animation and Computer Graphics Workshop</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 26</td>
<td>Intermediate Animation and Computer Graphics Workshop*</td>
<td>3.00</td>
</tr>
<tr>
<td>CIN 27</td>
<td>Advanced Animation and Computer Graphics Workshop*</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Credit Requirements**

- **Major Required Credits:** 63
- **Major Co-Related Credits:** 6
- **Minimum Total Credits:** 120
- **Minimum Liberal Arts Credits:** 30

**Academic Year 2022 - 2023**

LIU Post Undergraduate Catalog 2022 - 2023  Page 96
Art, Design and Game
Development Department
Courses

ART 1 Introduction to Visual Arts
This course covers world art from the beginnings of human culture to today. Topics include why art is the product not only of its creator, but also of the historical, political, economic and social forces that shaped the artist. These topics will be taught by introducing the language and concepts of visual analysis and historical contextualization. This course will help students to gain understanding of world cultures and the role of artistic representation in society. This course fulfills the Creativity, Media and the Arts thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall and Spring

ART 2 Studio Foundation I
Students study foundational concepts in 2-D Design, photography, and drawing with observational and conceptual methods. This team-taught course provides training in materials, techniques and concepts required for all Art majors.
Credits: 3
Every Fall

ART 3 Studio Foundation 2
Students continue to study 2-D Design with a focus on color theory, 3-D Design with an introduction to 4-D Design through time-based media, and drawing with an introduction to the figure. This team-taught course provides training in materials, techniques and concepts required for all Art majors. ART 2 is strongly recommended as a prerequisite.
Prerequisite of ART 2 or ART 5 and ART 19 are required.
Credits: 6
Every Spring

ART 4 Introduction to Basic Drawing
This course is the beginning investigation into the practice and skill of drawing as an expressive, descriptive art medium. Through historic examples and the use of a variety of materials and techniques, the student learns the past, present and future uses of drawing. This course fulfills the Creativity, Media, and Arts thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall and Spring

ART 6 3D Visualization & Production
This course introduces students to 3D modeling, design, and fabrication techniques revolutionizing the production and distribution of objects worldwide. Emphasis is on sustainable and humanitarian solutions. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Credits: 3
Every Spring

ART 11 Life Drawing I
This course is an introduction to the study of the human figure as an art subject. Various techniques and drawing media are explored in developing compositional and drawing skills of the individual student.
Credits: 3
Every Fall and Spring

ART 12 Life Drawing 2
This course is a continuation of the study of the human figure as an art subject. Advanced techniques are explored in developing compositional and drawing skills of the individual student.
Prerequisite of ART 11 is required.
Credits: 3
Every Fall and Spring

ART 13 Painting 1
This course is an introduction to painting. The physical functions of paint and color, grounds and surfaces in conjunction with the exploration of painting techniques and concepts are examined. Emphasis is on two-dimensional reality and the study of related concepts.
Credits: 3
Every Fall and Spring

ART 14 Painting 2
This course is advanced work in painting. The physical functions of paint and color, grounds and surfaces in conjunction with the exploration of painting techniques and concepts are examined. Emphasis is on two-dimensional reality and the study of related concepts.
Prerequisite of ART 13 is required.
Credits: 3
Every Fall and Spring

ART 15 Advanced Painting 3
This course involves advanced work in painting. The focus is on development of creativity and individuality, including development of processes and concepts both objective and non-objective.
Prerequisites of ART 13 and ART 14 are required.
Credits: 3
Every Fall and Spring

ART 20 Advanced Photography
This course covers photographic processes within the larger context of contemporary art, photography and digital media. Students will develop skills to utilize advanced techniques and to process photos in a digital darkroom with an emphasis on composition and creativity. These skills will be taught by emphasizing individual criticism and instruction.
Prerequisite of ART 2 or ART 19 or permission of instructor is required.
Credits: 3
Every Fall and Spring

ART 21 Printmaking
This course is an introduction to printmaking. The course covers a basic technical and conceptual approach to monotype and unique prints including drypoint engraving, copier transfer, collagraph and simple photo processing. There is an emphasis on experimentation with diverse materials and individual projects.
Credits: 3
Every Fall

ART 22 Intermediate Printmaking
This course covers contemporary print concepts and materials including photo screen printing, etching and photo etching with mixed techniques. Students will develop skills to integrate them into painting, photography, digital and installation art. These topics will be taught through demonstration, discussion and critique in an intense workshop environment.
Credits: 3
Every Spring

ART 23 Advanced Printmaking
This course covers the photo-process, lithography, paper making and experimental printmaking. Printmaking as it relates to book arts, public art and installations through critiques and individual projects are examined. There is an investigation into the multiple vs. unique print.
Prerequisite of ART 21 is required.
Credits: 3
On Occasion

ART 31 Pottery and Ceramic Sculpture 1
This course is a hands-on study of the methods of creating ceramic art. You will develop skills in crafting important and unique objects made with an understanding of chemistry, physics and the material science of ceramics. Ceramics is a multi-cultural field and its study provides multi-cultural awareness. This course fulfills the creativity, media and the arts thematic cluster requirement in the core curriculum.
Credits: 3
Every Semester

ART 32 Pottery and Ceramic Sculpture 2
This course is an advanced hands-on study of the methods of creating ceramic art. You will develop skills in crafting important and unique objects made with an understanding of chemistry, physics and the material science of ceramics. Ceramics is a multi-cultural field and its study provides multi-cultural awareness. This course fulfills the creativity, media and the arts thematic cluster requirement in the core curriculum.
Prerequisite of ART 31 is required.
Credits: 3
Every Semester

ART 35 Sculpture 1
This course is an introduction to sculpture
techniques, concepts, and materials, aesthetic and structural. Emphasis is on three-dimensional reality and study of related concepts.
Credits: 3
Every Fall

ART 36 Sculpture 2
This course is a continuation of the study of sculpture techniques, concepts, and materials, aesthetic and structural. Emphasis is on contemporary practices.
Prerequisite of ART 35 is required.
Credits: 3
Every Fall

ART 59 Survey of World Art 1
This course is a chronological survey of the fine arts of the world tracing cultural and creative expression in all media from prehistoric times to the beginning of the European Renaissance. These topics will be taught through lectures, discussions, films, quizzes, group presentations as well as exams. This course will help students will gain a deeper understanding of and appreciation for the arts.
Credits: 3
Every Fall

ART 60 Survey of World Art 2
This course covers a chronological survey of the fine arts of the world tracing cultural and creative expression in all media, from the Renaissance to the modern period. These topics will be taught through lectures, discussions, films, pop quizzes, group presentations as well as exams. This course will help students will gain a deeper understanding of and appreciation for the arts.
Pre requisite of ART 59 or instructor permission is required.
Credits: 3
Every Fall

ART 72 Contemporary Art
This course covers the continuing impact of early 20th century styles on international art from the postwar period to the present moment. 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 the art market and the impact of new technologies and media on art-making and receptions. This course will help students gain a deeper understanding of and appreciation for contemporary art.
Credits: 3
Every Spring

ART 79 History of Photography
This course covers the development of photography from its earliest days as both a technique and as an art and its relation to the other forms of arts in terms of mutual influence. Students will develop skills to examine the relationship of technique to photographic form as seen in daguerreotypes, ambrotypes, calotypes, wet plates, tin types and 35mm photography.
Credits: 3
Alternate Fall

ART 80 Concepts & Issues in Contemporary Photography
This course examines the conceptual and social perspectives that inform photography of the postwar to contemporary era (1950 to the present). Topics of discussion include the development of new genres, photography’s engagement with cultural and political events and ideas, and the role of photography in our contemporary image environment.
Credits: 3
Alternate Fall

ART 90 Seminar in Art History
This course covers rotating topics in Art History and aims at exposing the undergraduate student to advanced learning and research in Art History. Only open to students of the following majors: Art History & Theory BA, Arts Management BFA, Art BFA, Art Education BFA, or Digital Arts & Design BFA.
Credits: 3
On Occasion

ART 91 Independent Study in Art History
This course offers an opportunity for individual, supervised research into a specific art history topic or question. A subject reflecting the student’s specialty interest is selected in consultation with the instructor. Guided readings and assignments allow the student to conduct advanced research and practice art history inquiry in depth.
Credits: 3
Every Fall and Spring

ART 96 Independent Study
This is an independent study course in Art Studio for subjects not included in scheduled offerings. NOTE: Variable Credits (Min: 1, Max: 3). Be sure to enter correct number of credits when registering.
Credits: 1 to 3
Every Semester

ART 97 Independent Study
This is an independent study course in Art Studio for subjects not included in scheduled offerings.
Credits: 1 to 3
Every Semester

ART 99 Independent Study
This is an independent study course in Art Studio for subjects not included in scheduled offerings.
Credits: 3
On Demand

ART 101 Interpreting Art in the 21st Century
This course covers traditional and new theories of art criticism and aesthetic awareness of the relationship between works of art, cultural concepts and human experience. These topics will be taught through critical discourse as students respond to image-based lectures, readings, websites, exhibition visits and a sampling of reflexive exercises in the visual arts. This course will help students to gain an understanding of artistic expression and practice that guides future analysis of visual art in the 21st century. This course fulfills the Creativity, Media and the Arts thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall

ART 102 Fine Arts Internship
A professional internship prepares you to participate in the creative economy as a fine artist. An internship is a form of experiential learning that integrates knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Internships give you the opportunity to gain valuable applied experience and make connections in professional fields you are considering for a career path and give employers the opportunity to guide and evaluate your talent.
Pre requisites: ART 14, ART 22 and ART 36
Credits: 3
Every Spring

ART 103 Senior Seminar
This course covers resume and cover letter writing, exhibition opportunities, documentation management, grant writing and research residencies. This course will be taught through visits to museums, galleries, artist studios as well as attending opening receptions. Visits by artists and group critiques will be an integral part of this seminar course. This course will help students to develop the business aspects of their profession. A pre requisite of ATUT 1 is required.
Credits: 1
Every Spring

ART 177 High Impact Art-Make, Do, Effect Social Change
This course examines art, not as a commodity, but as a change-maker. Students will develop skills to use tools to build structures that are both artful and useful. Students will learn to design imagery and actions that inspire people to question the world as it is, imagine a better future, and work together for good.
Credits: 3
Every Spring

ART 303 Survey of World Art 1
This course is a chronological survey of the fine arts of the world tracing cultural and creative expression in all media, from prehistoric times to the beginning of the European Renaissance. Cross-listed with ART 59. Students enrolled in this course as ART 303 for Honors credit will have an additional project. Students who take this class will find that personal connections to art during travel and study abroad are greatly enriching.
Must be in Honors College
Credits: 3
Every Fall
ATUT 1 Senior Fine Arts Tutorial
This course is independent study in the area of the student's interest and specialization under advisement and direction of a member of the faculty. The student explores areas of personal significance. This course is designed to prepare the Fine Arts, Photography, and Art Education major for his or her senior project.
Prerequisite of Senior status is required.
Credits: 3
Every Semester

DRAW 1 Drawing 1
This is an advanced course in drawing concentrating on concepts and technical approaches to subject and media. These approaches are explored through a series of objective and non-objective problems.
Prerequisites of ART 11 is required.
Credits: 3
Every Fall

DRAW 4 Drawing 4
A studio course for designers exploring the use of drawing as a means of thinking and conveying information. The ability to use drawing in a variety of media for development of rough and comprehensive graphic layouts is stressed.
Prerequisite of DRAW 1 or 2 is required.
Credits: 3
Every Spring

PHOT 9 Apprenticeship
The student elects to work closely with a professional photographer, studio, gallery or museum on or off campus to learn the working methodology of commercial or fine art photography.
Pre requisite of Junior or Senior year status Credits: 3
On Occasion

PHOT 101 B&W Silver Gelatin Printing
This studio course teaches traditional methods of B&W film development and silver gelatin darkroom techniques and aesthetics.
Credits: 3
Rotating Basis

CGPH 5 Computer Layout 1
This course introduces students to Adobe InDesign software for creating various forms of page layout designs. Students gain technical and aesthetic knowledge of print design, including the use of typography, color, and photography in page layout. The vocabulary of print design is emphasized.
Credits: 3
Every Fall

CGPH 6 Advanced Computer Layout 2
This is an advanced course in page layout design using Adobe InDesign. Students gain advanced skills in creating complex page designs and learn to integrate elements created in Adobe Photoshop and Adobe Illustrator into their design projects. Emphasis is placed on developing technical proficiency, accuracy, and individual design style.
Prerequisite of CGPH 5 or equivalent is required.
Credits: 3
Every Spring

CGPH 7 Digital Illustration 1
This course introduces students to digital illustration using Adobe Illustrator. Students acquire knowledge of the tools and techniques commonly used in digital illustration. The focus of the course is to provide students with fundamental technical skills for using Adobe Illustrator. Students then apply these skills to create a variety of graphic design and illustration projects. Emphasis is placed on technique, style, and accuracy.
Credits: 3
Every Fall

CGPH 8 Digital Illustration 2
This advanced digital illustration course covers more sophisticated techniques using Adobe Illustrator. The course will reinforce and encourage the use of basic design principles that students have been previously exposed to. As they continue to enhance their technical and conceptual illustration skills, students will create complex design projects including event logos, technical renderings, and editorial illustrations.
Prerequisite of CGPH 7 or equivalent is required.
Credits: 3
Every Spring

CGPH 9 Digital Typography
This advanced typography course provides students with a comprehensive understanding of the use, design, and aesthetics of type through a series of projects that incorporate both traditional and digital techniques. The objective of the course is to provide the student with a technical and aesthetic foundation for creating successful typographic designs. The history of typography is also covered.
Prerequisite of CGPH 7 or equivalent is required.
Credits: 3
Every Spring

CGPH 10 Digital Graphics Production Lab
This is an advanced course in methods for preparing layout designs and digital graphics for commercial printing. Students are required to have basic knowledge of Adobe InDesign, Adobe Photoshop, and Adobe Illustrator for this class. Students will acquire technical expertise in creating digital press-ready mechanicals for commercial output. Coursework examines preparation guidelines for different color models and custom printing techniques. Print industry standards and vocabulary are emphasized.
Prerequisites of CGPH 5, 7 and 16 or permission of instructor are required.
Credits: 3
Every Fall

CGPH 11 Interaction Design 1
This is an introduction to Interaction Design. Course instruction will focus on using Adobe XD and Adobe Creative Suite to design mobile app prototype wireframes. Students will learn how to create artwork components necessary to complete an interaction design concept containing audio, video, animation, and basic scripting techniques. Emphasis is placed on developing an understanding of the user experience.
Credits: 3
Every Fall

CGPH 12 Desktop Video
In this class, students will acquire a foundation in editing and compositing digital animation and video with Adobe After Effects and Adobe Premiere. Emphasis is placed on the design and integration of motion graphics, text, and audio to create compelling visual communication.
Prerequisite of CGPH 16 or permission of instructor is required.
Credits: 3
Every Fall

CGPH 14 Interaction Design 2
This course covers advanced techniques in Interaction Design and User Interface Design. Course instruction will focus on using Adobe XD and Adobe Creative Suite to design mobile app prototypes. Students gain knowledge of a variety of interactive publications and presentations in information, education, promotion, and entertainment spaces. Students will compose a variety of sample interactive presentations.
Prerequisite of CGPH 11 is required.
Credits: 3
Every Spring

CGPH 15 Desktop Video II
This course covers advanced skills in digital video production and motion graphic. Students will be introduced to stop-frame animation, intermediate and advanced video editing, and compositing techniques using Adobe Premiere and Adobe After Effects. Students will create finish projects with original video, motion graphics, text, and audio for distribution across various media platforms.
Prerequisite of CGPH 12 is required.
Credits: 3
Every Fall and Spring

CGPH 16 Digital Imaging
This course introduces the student to Adobe Photoshop for creating graphic designs and digital imagery. Students learn how to use Adobe Photoshop as a graphic design tool for various image editing and manipulation applications. The course also covers standards on resolution and color models. Emphasis is placed on technical proficiency and creative expression.
Credits: 3
Every Fall and Spring

CGPH 18 Digital Imaging Synthesis
CGPH 20 3-D Modeling & Animation 1
This is an upper-level course in 3D modeling and animation using Autodesk Maya 3D software. Students build 3D models and render them as digital animations. Emphasis is placed on principles of 3D design for animation and illustration as well as 3D character development for motion pictures and digital game design.
Course Design Students: A prerequisite of CGPH 16 is required.
Digital Arts Students: A prerequisite of CGPH 7 and CGPH 12 is required.
Credits: 3
Every Fall

CGPH 21 3-D Modeling & Animation 2
This course explores advanced techniques in 3D modeling and animation with Autodesk Maya 3D and Adobe After Effects. Emphasis is placed on 3D character development, complex modeling, and surface mapping, lighting, and animation scripting within the three-dimensional environment.
A prerequisite of CGPH 20 is required.
Credits: 3
Every Spring

CGPH 22 Website Design
This is an introductory course in Website design. Students will learn how to use Adobe Dreamweaver as an HTML and CSS editor to code and publish Websites. Students will leverage an HTML and CSS framework to develop a professional mobile responsive portfolio Website. The course also covers using Adobe Photoshop to develop and prepare content for Websites.
Pre-requisites: CGPH 5, CGPH 7, CGPH 16, VISL 1
Credits: 3
Every Fall

CGPH 24 Website Development
This course provides students the opportunity to further advance their skills in Web design and development. Students will learn how to use WordPress to develop and publish interactive mobile responsive Websites. Advance CSS topics, aesthetics trends of Web design, and basic Website promotion techniques are also explored.
Pre-requisite of CGPH 22 is required.
Credits: 3
Every Spring

CGPH 25 Independent Study
The course offers the student an opportunity to pursue individual research or study of a special topic that is not offered as part of the regular curriculum or as a substitution for a course that is not currently offered. Topics of study will include digital art and design, and digital game design.
Credits: 3
Every Fall and Spring

CGPH 26 Web Design for Everyone
This is an introductory course in Website design. The course is intended for non-design majors who want to create basic Websites without extensive knowledge of HTML and CSS or graphic design software. The course introduces the student to WordPress as an authoring tool for Website development. Basic Web page layout techniques and digital image preparation methods are covered.
A prerequisite of non-majors only is required.
Credits: 3
Every Fall and Spring

CGPH 86 History of Digital Communications
This class will present a historical and critical overview of the field of digital design, multimedia, and interactive media. The course analyzes the relationships between new media and traditional art and design. The course explores innovations in photography, cinema, radio, television, computer graphics, and the Internet as they relate to the evolution of our digital culture.
A prerequisite of ART 85 is required.
Credits: 3
On Occasion

CGPH 97 Internship
This course offers the opportunity for students in their senior year to supplement classroom instruction with on-the-job experiences. The objective of this course is to serve as a bridge between the college experience and the professional design world. Students will be placed at a professional design internship where they will work in an art department within a design studio. Students may be placed at a wide range of different type of companies. Some of the areas that students may work in include interactive and web design, advertising, publishing or other related businesses that incorporate design. Students will gain insight as to what it is like to work within an art department and what will be expected of them once they enter the design field after graduation.
Students must have a 3.5 GPA to enroll in this class.
Credits: 3
Every Fall

DGD 1 Introduction to Game Design
This is an intense hands-on course in which students design a new non-digital game every two weeks. Students create cards, board games, and physical games. Students will play each other's games and give one another constructive feedback.
Students learn the basic concepts behind game design through lectures, game analysis, and game creation.
Credits: 3
Every Fall

DGD 2 Games Through History
This course is an introduction to the history of games, play, and players. Starting with the premise that video games are best viewed as a subset of humankind's much longer history of games, we will look through the past several thousand years, examining not only games, but also the people who study, create, and play them. Students will critically play the games examined, enabling them to gain a critical understanding and appreciation of canonical games.
Credits: 3
Every Spring

DGD 3 Game Studies
This course provides students to opportunity to read and write about games from an academic perspective. Students will read works ranging from Dutch historian Johan Huizinga's Homo Ludens, an early 20th-century sociological study of the role of play among humans, to Mary Flanagan's Critical Play, a much more modern look at games and their influence on modern art. While the core of the class is based on weekly readings and student responses, students will write major papers during the semester. Examples from both historical games and modern games will be used in class discussions.
A prerequisite of DGD 2 is required.
Credits: 3
Annually

DGD 4 Digital Game Development 1
This course focuses on the basic programming skills a student needs to start developing games on their own. As this is an introductory class, students are not expected to have any previous programming knowledge. Students will learn core programming concepts such as variables, if statements, for loops, arrays, functions, and object-oriented programming.
They will also learn more gamesspecific concepts such as game states and collision detection. This course is taught in Processing, which is a creative coding language built on top of Java.
Credits: 3
Every Fall

DGD 5 Digital Game Development 2
This course teaches students how to program digital game designs. Students are expected to have an
understanding of basic game programming principles to take this class. This course teaches students how to create games using the Unity game engine. As with many courses in this program, the focus is on hands-on game creation.

A pre requisite of DGD 4 is required.
Credits: 3
Every Spring

DGD 6 Digital Game Development 3
This course explores advanced topics in digital game development and programming. As the final course in a series of three classes, students should enter with strong knowledge of game development practices. In the first half of the semester, students learn more advanced game development skills. During the second half, they are tasked with creating two multi-week group projects.

A pre requisite of DGD 1, DGD 4 and DGD 5 is required.
Credits: 3
Every Fall

DGD 20 Level Design For Games
Great games require more than carefully designed systems. The minute-to-minute experience of playing a game is defined by its levels. Creating interesting and memorable levels is its own skill and is one that good game developers foster early. In this course, students will learn how to construct levels and maps for existing games that challenge and intrigue the player across a variety of genres.

A pre requisite of DGD 1 is required.
Credits: 3
Annually

DGD 52 Programming Movement
Programming Movement is an intense programming course focused on creating dynamic and lifelike movements with programming. The course will cover techniques such as trigonometry, vector fields, Perlin Noise, and other mathematical techniques to create dynamic animations. This class will introduce students to C++ and the openFrameworks library but assumes a strong competency with programming in other languages such as Processing and C#. Students will also learn about the history of algorithmic animation and how it has been used in games, film, and art.

A pre requisite of DGD 5 is required.
Credits: 3
On Occasion

DGD 90 Senior Game Prototyping
This course helps students prepare for their senior project in the spring semester. This class provides guided ideation and prototyping as students determine what their senior project will be and how to best approach making it a reality in a limited amount of time.

A pre requisite of DGD 5 is required.
Credits: 3
Every Fall

DGD 91 Senior Game Project
The entire Digital Game Design and Development program leads to the Senior Game Project. This class requires students to bring together everything they have learned to create a major final project. The Senior Game Project allows students to work as individuals or in groups of any size. The primary requirement is that, by the end of the semester, each student has created a complete, polished, and successful game.

A pre requisite of DGD 1, DGD 4, DGD 5 and DGD 6 is required.
Credits: 3
Every Fall

DGD 386 Honors Tutorial
This is an honors tutorial for students in the Honors College.
Must be in Honors College
Credits: 3
On Demand

DGD 389 Honors Thesis
This is an honors thesis course for students in the Honors College.
Must be in Honors College
Credits: 3
On Demand

PROJ 3 Fine Art Senior Project II
Intensive independent work designed to assist the student in attaining a more professional level in his/her media under the direction and criticism of a member of the Fine Art faculty. This project culminates in an exhibition of the student's work.
Pre requisite: ATUT 1
Credits: 3
Every Semester

VISL 1 Introduction to Graphic Design
This is a basic graphic design studio course that explores the elements and principles of design through the use of type and image. Students will begin by hand sketching designs and then utilize Adobe CC software to make digital versions. The course focuses on the student's development in introductory concepts of graphic design and digital media.
Credits: 3
Every Fall

VISL 2 Publication Design
This is an advanced design course in the use of type, images, and layout to design publications. The principles of typography are reinforced through a series of design problems and selected readings intended to teach the student about publication design. The objective of this course is to familiarize the student with numerous aspects and components of publication design. Emphasis will be placed on designing clear and interesting page layouts for a variety of publications.
Prerequisites of VISL 1 and CGPH 5 are required.
Credits: 3
Every Fall
COLLEGE OF EDUCATION, INFORMATION AND TECHNOLOGY

The College of Education, Information and Technology (CEIT) offers undergraduate and graduate degrees, including doctoral programs, in teacher education (early childhood education, elementary education, adolescent education, special education, health/physical education), educational administration and leadership, educational technology, mental health counseling, school counseling, and library and information science. In addition, the CEIT offers graduate-level advanced certificates in such specialties as archives and records management, public library administration, and school district leadership. Programs in the CEIT are nationally accredited by ALA, CACREP, and AAQEP*, signifying that they meet the highest standards in their respective fields.

Small classes, state-of-the-art technology, exceptional student teaching and internship opportunities, and a distinguished faculty of experienced professionals combine for the education of unparalleled quality. Longstanding 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 CEIT is dedicated to preparing students for leading roles in some of the world’s fastest-growing and most rewarding fields.

*Teacher Education and Educational Administration and Leadership programs, most recently accredited by the Council for Accreditation of Educator Preparation (CAEP), have decided to pursue accreditation through the Association for Advancing Quality in Educator Preparation (AAQEP). As per NYS Commissioner of Education Regulation §52.21, the Education programs at LIU continue to meet the NYS accreditation requirement while pursuing accreditation with the Association for Advancing Quality in Educator Preparation (AAQEP).

DEPARTMENT OF TEACHING AND LEARNING

The Department of Teaching and Learning offers various teacher preparation programs culminating in a bachelor’s degree focusing on different stages of child development: early childhood/childhood education (birth-Grade 6), early childhood/special education (birth-Grade 2), childhood education/special education (grades 1-6), adolescence education (grades 7 to 12) in Biology, English and Students with Disabilities, Social Studies and Students with Disabilities, Mathematics and Students with Disabilities, Mathematics, and Health/Physical Education (k-12). Teacher candidates enrolled in programs leading to a single certification complete 100 hours of field experiences during their academic programs; those enrolled in programs leading to dual certification complete 150 hours. Student teaching is a culminating experience for all undergraduate education programs. Successful completion of one of these teacher education programs qualifies a prospective educator for New York State teacher certification.

The programs, most recently accredited by the Council for Accreditation of Educator Preparation (CAEP), are currently pursuing accreditation through the Association for Advancing Quality in Educator Preparation (AAQEP). As per NYS Commissioner of Education Regulation §52.21, the Teacher Education programs at LIU continue to meet the NYS accreditation requirement while pursuing accreditation with the Association for Advancing Quality in Educator Preparation (AAQEP).

All undergraduate programs in the Department of Teaching and Learning include five state-required workshops: EDUX 100 Project S.A.V.E.: Safe schools against violence in education act; EDUX 200 Preventing Child Abduction; Safety Education; Fire and Arson Prevention; EDUX 300 Preventing Alcohol Tobacco, and Other Substance Abuse; CATX 100 Child Abuse Identification and Reporting; and DAXX 100 Dignity in Schools Act. Two of these workshops are at cost, the others are free and presented online.

After candidates complete all degree requirements (including coursework, field experiences, and student teaching), successfully pass New York State Licensure tests (Educating All Students (EAS), Content Specialty Test(s) (CST) in the chosen areas of specialization) and have completed all required teacher certification workshops, the LIU Post Office of Clinical and Professional Certification will help candidates process your application for certification.

B.S. Early Childhood Education and Special Ed (B - Gr 2) (dual initial certification)

The B.S. in Early Childhood Education/Special Education prepares teacher candidates to become knowledgeable, caring, and inspiring teachers of children with and without disabilities from birth to second grade.

In pursuing this undergraduate degree, teacher candidates examine theories of child development, motivation, and learning for young children from birth to 8 years of age. They master the skills needed to encourage students to learn new materials and to take responsibility for themselves and one another. As candidates work toward the degree, they gain an understanding and appreciation of subjects ranging from science to music to language arts. Candidates also acquire techniques to assess and evaluate a child's cognitive, socioemotional, and physical development, and they learn the basic principles of language and literacy development for a diverse student population. Throughout the program, candidates complete a minimum of 150 hours of field experience working with young children in schools. The program culminates in a semester-long student teaching experience that allows candidates to practice their new skills in childcare facilities and classroom settings.

Undergraduates seeking teacher certification in Early Childhood and Special Education select a Liberal Arts and Sciences concentration. Current options are American Studies, English, Mathematics, Psychology, Sciences, Social Studies, and Sociology. For more information about concentrations, see the LIU website.

Undergraduate programs in the Department of Teaching and Learning include five state-required workshops: EDUX 100 Project S.A.V.E.: Safe schools against violence in education act; EDUX 200 Preventing Child Abduction; Safety Education; Fire and Arson Prevention; EDUX 300 Preventing Alcohol Tobacco, and Other Substance Abuse; CATX 100 Child Abuse Identification and Reporting; and DAXX 100 Dignity in Schools Act. Two of these workshops are at cost, the others are free and presented online.

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B.S. Early Childhood Education (B - Gr 2) and Special Education(B - Gr 2 or Gr 1-6) (dual initial certification)

Core Curriculum Requirements

LIU Post Thematic Core Curriculum (32-33 credits)

In addition to all major requirements, students pursuing the B.S. Early Childhood Education (Birth- Grade 2) and Special Education (B-Gr 2 or Gr 1-6) (dual initial certification) must satisfy all core curriculum requirements as follows:

POST 101 1 credit
First-Year Seminar 3 credits
Writing I 3 credits
Writing II 3 credits
Quantitative Reasoning 3 credits
Scientific Inquiry & the Natural World 4 credits
Creativity, Media & the Arts 3 credits
Perspectives on World Cultures 3 credits
All of the following: (48 credits)

**Required Education Courses**

Major Requirements

see the core curriculum section of this bulletin.

For a more detailed listing of these requirements, see the LIU website.

### Major Requirements

#### Required Education Courses**

**All of the following: (48 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDI 14</td>
<td>Historical, Philosophical and Sociological Foundations of Education</td>
</tr>
<tr>
<td>EDI 16A</td>
<td>Curriculum &amp; Assessment for Pre-Service Teachers</td>
</tr>
<tr>
<td>EDI 19</td>
<td>Culturally Responsive Sustaining Education</td>
</tr>
<tr>
<td>EDI 40A</td>
<td>Multimodal Approach to Play-Based Early Childhood Curriculum and Instruction: Birth-Preschool</td>
</tr>
<tr>
<td>EDI 41A</td>
<td>Nurturing Young Children's Development: A Multicultural Approach: Birth-Grade 2</td>
</tr>
<tr>
<td>EDI 42</td>
<td>Multimodal Approach to Play-Based Early Childhood Curriculum and Instruction K-Grade 2</td>
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<tr>
<td>EDI 56</td>
<td>Literacy Acquisition for English Language Learners</td>
</tr>
<tr>
<td>EDI 66A</td>
<td>Supervised Student Teaching and Seminar in Early Childhood Education/Special Education</td>
</tr>
<tr>
<td>EDS 60</td>
<td>Literacy Development: Birth-Grade 6</td>
</tr>
<tr>
<td>EDS 62</td>
<td>Literacy Assessment for the Classroom Teacher: Birth-Grade 6</td>
</tr>
<tr>
<td>EDI 625</td>
<td>Observation and Assessment in Early Childhood Education: Birth-Grade 2</td>
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<tr>
<td>EDS 600</td>
<td>Introduction to the Study of the Exceptional Child/Adolescent</td>
</tr>
<tr>
<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 633</td>
<td>Accommodating Learners with Special Needs in Inclusive Settings</td>
</tr>
<tr>
<td>EDS 635</td>
<td>Behavior Assessment and Management for Learners with Disability Classifications</td>
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</tbody>
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**A grade of "C" or higher is required in all education courses**

### Co-Related Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>MTH 15</td>
<td>Mathematics for Elementary Education</td>
<td>3.00</td>
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<tr>
<td>MTH 16</td>
<td>Mathematics for Elementary Education II</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 98</td>
<td>Psychology Applied to Teaching and Learning</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Liberal Arts and Sciences Concentration Requirements

Students must choose a 30-credit liberal arts and sciences concentration from the following areas: American studies, English, mathematics, psychology, science, social studies, or sociology. In addition, students may choose to double major in English in lieu of the concentration.

Courses taken as part of a liberal arts and sciences concentration may not be taken on a pass / fail basis. A grade of C or higher is required in all liberal arts concentration courses.

### Required Teacher Certification Workshops

<table>
<thead>
<tr>
<th>Workshops</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Edux 100</td>
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<tr>
<td>Edux 200</td>
<td>0.00</td>
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<tr>
<td>Edux 300</td>
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<tr>
<td>Catx 100</td>
<td>0.00</td>
</tr>
<tr>
<td>Dasx 100</td>
<td>0.00</td>
</tr>
</tbody>
</table>

#### Required Culminating Project

During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

### Credit and GPA Requirements

Minimum Total: 120 credits
Minimum LALS: 60 credits
Minimum LALS Concentration: 30 credits
Minimum Education Major: 51 credits
Minimum LALS Concentration GPA: 2.75
Minimum Education Major GPA: 2.75
Minimum Overall GPA: 2.50

#### B.S. Childhood Education and Early Childhood Education (dual initial certification)

The 120-credit Bachelor of Science degree in Childhood Education/Early Childhood Education prepares teacher candidates to become knowledgeable, caring, and inspiring teachers who are responsive to the needs, interests, and questions of infants, toddlers, preschoolers, and children who are in the primary and elementary grades.

In pursuing their undergraduate degree, teacher candidates examine theories of child development, motivation, and learning for children ranging from infants to Grade 6. They master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As teacher candidates work toward this degree they gain an understanding and appreciation of subjects ranging from science to music to language arts. Using an integrated approach to the design of curriculum and instruction, teacher candidates develop creative ways to nurture children's multimodal literacies in an early childhood learning environment. They also acquire techniques to assess and evaluate a child's intellectual, social, and physical development and learn the basic principles of classroom management for a diverse student population.

Throughout the program, teacher candidates complete a minimum of 150 hours of field experience working with young children and children in grades 1-6. The program culminates in a semester-long student teaching experience that allows teacher candidates to practice their new skills in a classroom setting. This degree qualifies teacher candidates for two New York State Initial Teacher Certifications, one in Childhood Education and one in Early Childhood Education.

Undergraduates seeking teacher certification in Early Childhood and Special Education select a Liberal Arts and Sciences concentration. Current options are American Studies, English, Mathematics, Psychology, Sciences, Social Studies, and Sociology. For more information about concentrations, see the LIU website.

This program qualifies teacher candidates to pursue two NYS initial teaching certifications. After they complete all degree requirements, successfully pass New York State licensure tests, and have completed all required teacher certification workshops, they will apply for and be awarded Initial teaching certification by the New York State Education Department in Childhood Education (grades 1-6) and Early Childhood Education (birth-grade 2).

#### B.S. Childhood Education (Gr 1 - 6)

The 120-credit Bachelor of Science degree in Childhood Education prepares teacher candidates to become knowledgeable, caring, and inspiring teachers who are responsive to the needs, interests, and questions of infants, toddlers, preschoolers, and children who are in the primary and elementary grades.

In pursuing their undergraduate degree, teacher candidates examine theories of child development, motivation, and learning for children ranging from infants to Grade 6. They master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As teacher candidates work toward this degree they gain an understanding and appreciation of subjects ranging from science to music to language arts. Using an integrated approach to the design of curriculum and instruction, teacher candidates develop creative ways to nurture children's multimodal literacies in an early childhood learning environment. They also acquire techniques to assess and evaluate a child's intellectual, social, and physical development and learn the basic principles of classroom management for a diverse student population.

Throughout the program, teacher candidates complete a minimum of 150 hours of field experience working with young children and children in grades 1-6. The program culminates in a semester-long student teaching experience that allows teacher candidates to practice their new skills in a classroom setting. This degree qualifies teacher candidates for two New York State Initial Teacher Certifications, one in Childhood Education and one in Early Childhood Education.

Undergraduates seeking teacher certification in Early Childhood and Special Education select a Liberal Arts and Sciences concentration. Current options are American Studies, English, Mathematics, Psychology, Sciences, Social Studies, and Sociology. For more information about concentrations, see the LIU website.

This program qualifies teacher candidates to pursue two NYS initial teaching certifications. After they complete all degree requirements, successfully pass New York State licensure tests, and have completed all required teacher certification workshops, they will apply for and be awarded Initial teaching certification by the New York State Education Department in Childhood Education (grades 1-6) and Early Childhood Education (birth-grade 2).
and Early Childhood Education (B - Gr 2) (dual initial certification)

Program Code: 38941 | HEGIS: 0802

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Childhood Education (Grades 1-6) and Early Childhood Education (Birth - Grade 2) (dual initial certification) must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum

(32-33 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>First-Year Seminar</td>
<td>1 credit</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td>4 credits</td>
<td></td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Ethics, Self &amp; Society</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Additional course from one cluster</td>
<td>3-4 credits</td>
<td></td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Education Courses**

All of the following (48 credits):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDI 14</td>
<td>Historical, Philosophical and Sociological Foundations of Education</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 16A</td>
<td>Curriculum and Assessment for Preservice Teachers</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 19</td>
<td>Culturally Responsive Sustaining Education</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 40A</td>
<td>Multimodal Approach to Play-based Early Childhood Curriculum and Instruction: B-Preschool</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 41A</td>
<td>Nurturing Young: Children’s Development: A Multicultural Approach: B-Grade 2</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 42</td>
<td>Multimodal Approach to Play-based Early Childhood Curriculum and Instruction: K-Grade 2</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 54</td>
<td>Mathematics Content Standards and Pedagogies for Elementary School Students</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 55</td>
<td>Designing and Assessing Mathematics Instruction for Elementary Students</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 56</td>
<td>Literacy Acquisition for English Language Learners</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 63</td>
<td>Methods in Teaching Elementary Social Studies</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 64A</td>
<td>Student Teaching, Childhood Grades 1-6/Early Childhood</td>
<td>6.00</td>
</tr>
<tr>
<td>EDS 45</td>
<td>Teaching Students with Disabilities in Inclusive Classrooms</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 60</td>
<td>Literacy Development: Birth-Grade 6</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 62</td>
<td>Literacy Assessment for the Classroom Teacher: Birth-Grade 6</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 98</td>
<td>Psychology Applied to Teaching and Learning</td>
<td>3.00</td>
</tr>
<tr>
<td>HIS 3</td>
<td>American Civilization to 1877</td>
<td>3.00</td>
</tr>
<tr>
<td>HIS 4</td>
<td>American Civilization since 1877 and Any ECO, GGR POL, SOC course</td>
<td>3.00</td>
</tr>
</tbody>
</table>

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

Co-Related Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MTH 15</td>
<td>Mathematics for Elementary Education I</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 16</td>
<td>Mathematics for Elementary Education II</td>
<td>3.00</td>
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</tbody>
</table>

LIU Post Undergraduate Catalog 2022 - 2023  Page 104
approaches to special educations as well as practical applications across different educational settings. Throughout the program, teacher candidates complete a minimum of 150 hours of field experience working with children in grades 1-6. The program culminates in a semester-long student teaching experience that will allow candidates to practice their new skills in actual classroom settings.

Undergraduates seeking teacher certification in Childhood and Special Education select a Liberal Arts and Sciences concentration. Current options are American Studies, English, Mathematics, Psychology, Sciences, Social Studies, and Sociology. For more information about the concentrations, see the LIU website.

This program qualifies candidates to pursue two NYS initial teaching certifications. After they complete all degree requirements, successfully pass New York State licensure tests, and have completed all required teacher certification workshops, candidates will apply for and be awarded Initial teaching certification by the New York State Education Department in both Childhood Education and Special Education (grades 1-6).

### B.S. Childhood Education (Gr 1 - 6) and Special Education (B - Gr 2 or Gr 1 - 6) (dual initial certification)

[Program Code: 38942] [HEGIS: 0802.0]

#### Core Curriculum Requirements

LIU Post Thematic Core Curriculum (32-33 credits)

In addition to all major requirements, students pursuing the B.S. Childhood Education (Gr 1-6) and Special Education (B-Gr 2 or (Gr 1 - 6) (dual initial certification) must satisfy all core curriculum requirements as follows:

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</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

#### Major Requirements

Required Education Courses**

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<td>EDI 63 Methods in Teaching Elementary Social Studies</td>
</tr>
<tr>
<td>EDI 64C Student Teaching in Childhood and Special Education</td>
</tr>
<tr>
<td>EDI 69 Methods in the Teaching of Science in the Elementary School</td>
</tr>
<tr>
<td>EDS 60 Literacy Development: Birth-Grade 6</td>
</tr>
<tr>
<td>EDS 62 Literacy Assessment for the Classroom Teacher: Birth-Grade 6</td>
</tr>
<tr>
<td>EDS 600 Introduction to the Study of the Exceptional Child/Adolescent</td>
</tr>
<tr>
<td>EDS 630 Curriculum and Assessment and Instruction of Students with Mild Disabilities</td>
</tr>
<tr>
<td>EDS 633 Accommodating Learners with Special Needs in Inclusive Settings</td>
</tr>
<tr>
<td>EDS 635 Behavior Assessment and Management for Learners with Disability Classifications</td>
</tr>
</tbody>
</table>

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

Please refer to the graduate bulletin for descriptions of EDS 600, EDS 630, EDS 632, and EDS 633

### Co-Related Requirements

| MTH 15 Mathematics for Elementary Education I | 3.00 |
| MTH 16 Mathematics for Elementary Education II | 3.00 |

| PSY 98 Psychology Applied to Teaching and Learning | 3.00 |

One of the following:

| HIS 3 American Civilization to 1877 | 3.00 |
| HIS 4 American Civilization since 1877 | 3.00 |

and Any ECO, GGR POL, SOC course | 3.00 |

#### Liberal Arts and Sciences Concentration Requirement

Students must choose a 30-credit liberal arts and sciences concentration from the following areas: American studies, English, mathematics, psychology, science, social studies, or sociology. In addition, students may choose to double major in English in lieu of the concentration.

Courses taken as part of a liberal arts and sciences concentration may not be taken on a pass / fail basis. A grade of C or higher is required in all liberal arts concentration courses.

#### Required Culminating Project

During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

#### Required Teacher Certification Workshops

| EDUX 100 PROJECT S.A.V.E.: Safe Schools Against Violence in Education Act | 0.00 |
| EDUX 200 Preventing Child Abduction; Safety Education; Fire and Arson Prevention | 0.00 |
| EDUX 300 Preventing Alcohol, Tobacco, and Other Substance Abuse | 0.00 |
| CATX 100 Child Abuse Identification and Reporting | 0.00 |
| DASX 100 Dignity in Schools Act | 0.00 |

#### Credit and GPA Requirements

Minimum Total: 120 credits
Minimum L&S: 60 credits
Minimum L&S Concentration: 30 credits
Minimum Education Major: 48 credits
Minimum L&S Concentration GPA: 2.75
Minimum Education Major GPA: 2.75
Minimum Overall GPA: 2.50

### B.S. Adolescence Education (Grades 7-12)

The Adolescence Education undergraduate program prepares teacher candidates to teach students in grades 7 to 12 in a specific discipline.

| PSY 98 Psychology Applied to Teaching and Learning | 3.00 |

One of the following:

| HIS 3 American Civilization to 1877 | 3.00 |
| HIS 4 American Civilization since 1877 | 3.00 |

and Any ECO, GGR POL, SOC course | 3.00 |

#### Liberal Arts and Sciences Concentration Requirement

Students must choose a 30-credit liberal arts and sciences concentration from the following areas: American studies, English, mathematics, psychology, science, social studies, or sociology. In addition, students may choose to double major in English in lieu of the concentration.

Courses taken as part of a liberal arts and sciences concentration may not be taken on a pass / fail basis. A grade of C or higher is required in all liberal arts concentration courses.

#### Required Culminating Project

During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

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#### Credit and GPA Requirements

Minimum Total: 120 credits
Minimum L&S: 60 credits
Minimum L&S Concentration: 30 credits
Minimum Education Major: 48 credits
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#### B.S. Adolescence Education (Grades 7-12)

The Adolescence Education undergraduate program prepares teacher candidates to teach students in grades 7 to 12 in a specific discipline.

| PSY 98 Psychology Applied to Teaching and Learning | 3.00 |

One of the following:

| HIS 3 American Civilization to 1877 | 3.00 |
| HIS 4 American Civilization since 1877 | 3.00 |

and Any ECO, GGR POL, SOC course | 3.00 |

#### Liberal Arts and Sciences Concentration Requirement

Students must choose a 30-credit liberal arts and sciences concentration from the following areas: American studies, English, mathematics, psychology, science, social studies, or sociology. In addition, students may choose to double major in English in lieu of the concentration.

Courses taken as part of a liberal arts and sciences concentration may not be taken on a pass / fail basis. A grade of C or higher is required in all liberal arts concentration courses.

#### Required Culminating Project

During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

#### Required Teacher Certification Workshops

| EDUX 100 PROJECT S.A.V.E.: Safe Schools Against Violence in Education Act | 0.00 |
| EDUX 200 Preventing Child Abduction; Safety Education; Fire and Arson Prevention | 0.00 |
| EDUX 300 Preventing Alcohol, Tobacco, and Other Substance Abuse | 0.00 |
| CATX 100 Child Abuse Identification and Reporting | 0.00 |
| DASX 100 Dignity in Schools Act | 0.00 |

#### Credit and GPA Requirements

Minimum Total: 120 credits
Minimum L&S: 60 credits
Minimum L&S Concentration: 30 credits
Minimum Education Major: 48 credits
Minimum L&S Concentration GPA: 2.75
Minimum Education Major GPA: 2.75
Minimum Overall GPA: 2.50

#### B.S. Adolescence Education (Grades 7-12)

The Adolescence Education undergraduate program prepares teacher candidates to teach students in grades 7 to 12 in a specific discipline.
After teacher candidates complete all degree requirements, successfully pass New York State licensure tests, and have completed all required teacher certification workshops, they will apply for and be awarded Initial Teaching Certification by the New York State Education Department in Adolescence (Grades 7-12). The Bachelor of Science in Adolescence Education is a joint program between the College of Education, Information and Technology and the College of Liberal Arts and Sciences.

The Adolescence Education major requires a concentration in the liberal arts and sciences. Most of the programs allow prospective teachers to pursue two certifications should the candidate take the appropriate state examination for becoming certified as a teacher of Students with Disabilities Generalist (7-12). In these programs, it may also be possible for graduates to pursue a third certification as a Special Education teacher in their specific academic discipline.

The following options are available to students:

- Biology
- English (with the second certification in Students with Disabilities)
- Mathematics (single certification)
- Mathematics (with the second certification in Students with Disabilities)
- Social Studies (with second certification Students with Disabilities)

**B.S. Adol English Ed and Students with Disabilities (SWD) Generalist (Grades 7-12) (dual initial certification)**

The dual certification BS in Adolescent English and Special Education prepares teacher candidates to become knowledgeable, caring, and inspiring general education English and special education teachers of students in grades 7-12. This program equips teacher candidates with the skills, knowledge and foundation to motivate middle and high school students at various skill levels to learn the fundamentals of the English language and to read and analyze texts in multiple literary genres. The program includes a minimum of 150 hours of fieldwork hours in middle and high school classrooms as part of required coursework and supervised practice teaching in actual classrooms at two grade levels, allowing candidates to observe certified teachers, interact with students, and understand the adolescent mindset as it relates to understanding literature and the study of the English language. Teacher candidates who successfully complete this program and pass all required NYS teacher certification exams will be eligible for two initial certifications.

Mastering English is essential to success in today’s world. The English content in this program prepares teacher candidates to help students in grades 7-12 read critically, write, and appreciate the world’s most influential language. From decoding the mysteries of Shakespeare to shaping a straightforward declarative sentence, the study of English develops clear thinking and analytical skills, and deeper insights into the full range of human potential. In addition to required courses in grammar and the structure of language, Adolescent Literature, and British and American Literature, students are able to choose from a wide range of electives.

Students examine theories of adolescent development, motivation, and learning for students who are in 7th to 12th grades. They master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As they work toward these degrees, they gain an understanding and appreciation of English literature and language, their major area of study. They also acquire techniques to assess and evaluate a child's intellectual and social development and learn the basic principles of classroom management for a diverse student population. This undergraduate program culminates in a semester-long student teaching experience that allows teacher candidates to practice their new skills in both general and special education classroom settings.

After teacher candidates complete all degree requirements, successfully pass New York State licensure tests and have completed all required teacher certification workshops, they will apply for and be awarded Initial teaching certification by the New York State Education Department in Adolescence Education: English (grades 7-12) and in Special Education, 7-12 Generalist.

**B.S. Adolescence English Education and Students with Disabilities (SWD) Generalist Grades 7-12 (dual initial certification)**

(Program Code: 39910) (HEGIS: 1501.01)

Students who complete the Adolescent English Education and Students with Disabilities Generalist (7-12) program are eligible to have a double major listed on their record if they take 36 hours of English coursework. This can be helpful when applying to teaching positions. Students should confer with their academic advisors to declare English as a second major.

**Core Curriculum Requirements**

**LIU Post Thematic Core Curriculum (32-33 credits)**

In addition to all major requirements, students pursuing the B.S. Adolescence English Education and SWD Generalist Grades 7-12 must satisfy all core curriculum requirements as follows:

**Major Requirements - Education**

**Required Education Courses (45 credits)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDS 14</td>
<td>Historical, Philosophical and Sociological Foundations of Education</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 16A</td>
<td>Curriculum and Assessment for Pre-service Teachers</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 17</td>
<td>Adolescent Psychology and Development</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 19</td>
<td>Culturally Relevant Sustaining Education</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 35</td>
<td>General Methods of Teaching Secondary Education</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 35B</td>
<td>Methods and Materials in Teaching a Specific Subject in Grades 7-12 English</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 38A</td>
<td>Supervised Student Teaching in Adolescence Education (Grades 7-12).</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 56</td>
<td>Literacy Acquisition for English Language Learners</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 75A</td>
<td>Literacy Assessment and Instruction for Diverse Classroom Populations Grades 5-12</td>
<td>3.00</td>
</tr>
<tr>
<td>EDS 600</td>
<td>Introduction to the Study of the Exceptional Child/Adolescent</td>
<td>3.00</td>
</tr>
<tr>
<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>
</tbody>
</table>
EDS 633 Accommodating Learners 3.00 with Special Needs in the Classroom

EDS 635 Behavior Assessment and Management for Learners with Disability Classifications

EDS 713 Supervised Student Teaching and Seminar in Special Education

**A grade of C or higher is required in all Education courses.

**Required Co-Related Courses (3 credits)**

PSY 98 Psychology Applied to Teaching and Learning 3.00

Any 6 credits of MTH 6.00

Any 6 credits of Social Sciences (ECO, GGR, HIS, POL, SOC) 6.00

Any 6 credits of Science

Recommended Science courses: AST 0/9A; AST 10/10A; CMB 6; ERS 1; ERS 2; ERS 3; ERS 4; FS 1; PHY 11; PHY 12 6.00

**Major Requirements - English**

**Required English Courses (15 credits)**

Required courses: ENG 100-199, 200-299, 300-399, or 390.

Choose one additional course from all ENG 100-level courses 3.00

Choose one course from the Diversity category (3 credits) 3.00

Choose one course from the Writing category (3 credits) 3.00

Choose one course from the Genre or Period of Literature category (3 credits) 3.00

Choose one additional course from all ENG 100-level, 200-level (excluding ENG 207), 359, 360, 389, or 390. 3.00

To see a full list of the options for courses available in each of these categories, please visit the English Department's section in this bulletin.

As part of the requirements for this degree, students must complete an e-portfolio.

**A grade of C or higher is required in all English content courses.**

**Required Culminating Project**

During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

**Required Teacher Certification Workshops**

EDUX 100 PROJECT S.A.V.E.: Safe Schools Against Violence in Education Act 0.00

EDUX 200 Preventing Child Abduction; Safety Education; Fire and Arson Prevention 0.00

EDUX 300 Preventing Alcohol, Tobacco, and Other Substance Abuse 0.00

CATX 100 Child Abuse Identification and Reporting 0.00

DASX 100 Dignity in Schools Act 0.00

**Credit and GPA Requirements**

Minimum Total: 120 credits

Minimum L.A.&S: 60 credits

Minimum English: 36 credits

Minimum Education Major: 42 credits

Minimum English GPA: 2.75

Minimum Education GPA: 2.75

Minimum Overall GPA: 2.50

**B.S. Adolescence Education:**

**Math (Grades 7-12)**

The 120-credit Bachelor of Science program in Adolescence Education: Mathematics prepares a new generation of math teachers to cultivate and enhance student success in mathematics. This program equips teacher candidates with the skills, knowledge and foundation to motivate middle and high school students at various skill levels to learn the fundamentals of problem-solving, logic and probability. Throughout the program, teacher candidates complete a minimum of 100 hours of field experiences working with students in middle and high schools. The program includes supervised practice teaching in actual classrooms at two grade levels, allowing candidates to observe licensed teachers, interact with students, and understand the adolescent mindset as it relates to mathematics.

As a mathematics education major, teacher candidates strengthen their knowledge of geometry, algebra, calculus, sets, probability and the fundamentals of mathematical and logical thinking. Through the program, teacher candidates acquire skills in problem solving and teaching strategies that can actively engage students in learning mathematics with texts of varying content level and difficulty.

In pursuing this degree, students examine theories of adolescent development, motivation, and learning for students who are in 7th to 12th grades. They master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As teacher candidates work toward this degree, they gain an understanding and appreciation of Mathematics, their major area of study. They also acquire techniques to assess and evaluate a child's intellectual and social development and learn the basic principles of classroom management for a diverse student population. This undergraduate program culminates in a semester-long student teaching experience that will allow teacher candidates to practice their new skills in both general and special education classroom settings.

After teacher candidates complete all degree requirements, successfully pass New York State licensure tests and have completed all required teacher certification workshops, they will apply for and be awarded initial teaching certification by the New York State Education Department in Adolescence Education: Math (grades 7-12).

**B.S. Adolescence Education:**

**Mathematics**

[Program Code: 23173] [HEGIS: 1701.01]

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.S. Adolescence Education: Mathematics must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 7</td>
<td>Calculus and Analytic Geometry I</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 8</td>
<td>Calculus and Analytic Geometry II</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 9</td>
<td>Calculus and Analytic Geometry III</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 20</td>
<td>Introduction to Sets, Logic, and Mathematical Structures</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 22</td>
<td>Applied Linear Algebra</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 51</td>
<td>Probability</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 71</td>
<td>Algebraic Structures</td>
<td>3.00</td>
</tr>
</tbody>
</table>

** AND one of the following (1-3 credits):**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 90</td>
<td>Mathematics Seminar</td>
<td>1.00</td>
</tr>
<tr>
<td>MTH 389</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 390</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Mathematics Courses**

At least two courses/six credits of the following (6 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 21</td>
<td>Differential Equations</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 23</td>
<td>Foundations of Statistical Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 31</td>
<td>Advanced Calculus I</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 32</td>
<td>Advanced Calculus II</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 61</td>
<td>Discrete Mathematical Structures</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 73</td>
<td>Fundamental Concepts of Geometry</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 81</td>
<td>Topology</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 82</td>
<td>Numerical Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 83</td>
<td>Complex Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 84</td>
<td>Introduction to Automata</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 85</td>
<td>Partial Differential Equations</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 91</td>
<td>Independent Study</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 95</td>
<td>Special Topics in Mathematics</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 385</td>
<td>Honors Tutorial</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 386</td>
<td>Honors Tutorial</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Co-Related Courses**

All of the following (14 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 101</td>
<td>Introduction to Computers and Programming</td>
<td>3.00</td>
</tr>
<tr>
<td>PHY 3</td>
<td>University Physics I</td>
<td>4.00</td>
</tr>
<tr>
<td>PHY 4</td>
<td>University Physics II</td>
<td>4.00</td>
</tr>
<tr>
<td>PSY 98</td>
<td>Psychology Applied to Teaching and Learning</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**A grade of C or higher is required in all mathematics content courses as well as in PHY 3, PHY 4, and CS 101.**

**Required Culminating Project**

During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

**Required Teacher Certification**

**Workshops**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUX 100</td>
<td>PROJECT S.A.V.E.: Safe Schools Against Violence in Education Act</td>
<td>0.00</td>
</tr>
<tr>
<td>EDUX 200</td>
<td>Preventing Child Abuse; Safety Education; Fire and Arson Prevention</td>
<td>0.00</td>
</tr>
<tr>
<td>EDUX 300</td>
<td>Preventing Alcohol, Tobacco, and Other Substance Abuse</td>
<td>0.00</td>
</tr>
<tr>
<td>CATX 100</td>
<td>Child Abuse Identification and Reporting</td>
<td>0.00</td>
</tr>
<tr>
<td>DASX 100</td>
<td>Dignity in Schools Act</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Credit and GPA Requirements**

Minimum Total: 120 credits

Minimum LA&S: 60 credits

Minimum Mathematics: 31 credits

Minimum Education Major: 30 credits

Minimum Mathematics GPA: 2.75

Minimum Education GPA: 2.75

Minimum Overall GPA: 2.50

**B.S. Adolescent Math Education/Students with Disabilities 7 - 12**

The dual certification BS in Adolescent Mathematics Education and Students with Disabilities prepares teacher candidates to become knowledgeable, caring, and inspiring general education Mathematics and special education teachers of high school students (grades 7-12) who cultivate and enhance student success in mathematics. This program equips teacher candidates with the skills, knowledge and foundation to motivate general education middle and high school students at various skill levels to learn the fundamentals of problem-solving, logic and probability. The program includes a minimum of 150 hours of field experiences in middle and high school classrooms, typically completed in required education coursework. The program also includes supervised practice teaching in actual classrooms at two grade levels, allowing candidates to observe licensed teachers, interact with students, and understand the adolescent mindset as it relates to the study of mathematics.

As a mathematics education major, teacher...
candidates strengthen their knowledge of geometry, algebra, calculus, sets, probability and the fundamentals of mathematical and logical thinking. Throughout the program, students acquire skills in problem solving and teaching strategies that can actively engage students in learning mathematics with texts of varying content level and difficulty.

In pursuing this degree, teacher candidates examine theories of adolescent development, motivation, and learning for students who are in 7th to 12th grades. They master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As they work toward this degree, candidates gain an understanding and appreciation of Mathematics, their major area of study. They also acquire techniques to assess and evaluate a child's intellectual and social development and learn the basic principles of classroom management for a diverse student population. This undergraduate program culminates in a semester-long student teaching experience that will allow candidates to practice their new skills in both general and special education classroom settings.

After they complete all degree requirements, successfully pass New York State licensure tests and have completed all required teacher certification workshops, teacher candidates will apply for and be awarded initial teaching certification by the New York State Education Department in Adolescence Education: Math (grades 7-12) and in Special Education, 7-12 Generalist.

**B.S. Adolescence Math Education and Students with Disabilities (SWD)**

**Generalist Grades 7-12 (dual initial certification)**

{Program code: 40833} {HEGIS: 1701.01}

**Core Curriculum Requirements**

**LIU Post Thematic Core Curriculum**

(32-33 credits)

In addition to all major requirements, students pursuing the B.S. Adolescent English education and SWD Generalist (7-12) must satisfy all core requirements as follows:

- **POST 101** 1 credit
- **First-Year Seminar** 3 credits
- **Writing I** 3 credits
- **Writing II** 3 credits
- **Quantitative Reasoning** 3 credits
- **Scientific Inquiry & the Natural World** 4 credits
- **Creativity, Media & the Arts** 3 credits
- **Perspectives on World Cultures** 3 credits
- **Ethics, Self & Society** 3 credits
- **Power, Institutions & Structures** 3 credits
- **Additional course from one cluster** 3-4 credits

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

**Major Requirements - Education**

**Required Education Courses (45 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDI 14</td>
<td>3.00</td>
<td>Historical, Philosophical and Sociological Foundations of Education</td>
</tr>
<tr>
<td>EDI 16A</td>
<td>3.00</td>
<td>Curriculum and Assessment for Pre-service Teachers</td>
</tr>
<tr>
<td>EDI 17</td>
<td>3.00</td>
<td>Adolescent Psychology and Developmental</td>
</tr>
<tr>
<td>EDI 19</td>
<td>3.00</td>
<td>Culturally Relevant Sustaining Education</td>
</tr>
<tr>
<td>EDI 35</td>
<td>3.00</td>
<td>General Methods of Teaching Secondary Education</td>
</tr>
<tr>
<td>EDI 35C</td>
<td>3.00</td>
<td>Methods and Materials in Teaching a Specific Subject in Grades 7-12 Mathematics</td>
</tr>
<tr>
<td>EDI 38A</td>
<td>3.00</td>
<td>Supervised Student Teaching in Adolescence Education (Grades 7-12)</td>
</tr>
<tr>
<td>EDI 56</td>
<td>3.00</td>
<td>Literacy Acquisition for English Language Learners</td>
</tr>
<tr>
<td>EDS 75A</td>
<td>3.00</td>
<td>Literacy Assessment and Instruction for Diverse Classroom Populations Grades 5-12</td>
</tr>
<tr>
<td>EDS 600</td>
<td>3.00</td>
<td>Introduction to the Study of the Exceptional Child/Adolescent</td>
</tr>
<tr>
<td>EDS 630</td>
<td>3.00</td>
<td>Curriculum-based Assessment and Instruction of Students with Mild Disabilities at the Elementary and Secondary Levels</td>
</tr>
<tr>
<td>EDS 633</td>
<td>3.00</td>
<td>Accommodating Learners with Special Needs in the Classroom</td>
</tr>
<tr>
<td>EDS 635</td>
<td>3.00</td>
<td>Behavior Assessment and Management for Learners with Disability Classifications</td>
</tr>
<tr>
<td>EDS 713</td>
<td>3.00</td>
<td>Supervised Student Teaching and Seminar in Special Education</td>
</tr>
</tbody>
</table>

**Major Requirements - Mathematics**

**Required Mathematics Courses (24 credits)**

All of the following:

- **MTH 7** Calculus and Analytic Geometry I 4.00
- **MTH 8** Calculus and Analytic Geometry II 4.00
- **MTH 9** Calculus and Analytic Geometry III 4.00
- **MTH 20** Introduction to Sets, Logic, and Mathematical Structures 3.00
- **MTH 22** Applied Linear Algebra 3.00
- **MTH 51** Probability 3.00
- **MTH 71** Algebraic Structures 3.00

**One of the following (1-3 credits):**

- **MTH 90** Mathematics Seminar 1.00-3.00
- **MTH 389** Honors Thesis 1.00-3.00
- **MTH 390** Honors Thesis 1.00-3.00

**Elective Mathematics Courses (6-7 credits)**

At least 6 credits and two courses chosen from:

- **MTH 21** Differential Equations 4.00
- **MTH 23** Foundations of Statistical Analysis 3.00
- **MTH 31** Advanced Calculus I 3.00
- **MTH 32** Advanced Calculus II 3.00
- **MTH 61** Discrete Mathematical Structures 3.00
- **MTH 73** Fundamental Concepts of Geometry 3.00
- **MTH 81** Topology 3.00
- **MTH 82** Numerical Analysis 3.00
- **MTH 83** Complex Analysis 3.00

**Required Co-Related Courses (3 credits)**

- **PSY 98** Psychology Applied to Teaching and Learning 3.00
- **PHY 3** University Physics I 4.00
- **PHY 4** University Physics II 4.00

Any 6 credits of Social Sciences (ECO, GGR, HIS, POL, SOC) 6.00
MTH 84  Introduction to Automata  3.00
MTH 85  Partial Differential Equations  3.00
MTH 91  Independent Study  3.00
MTH 95  Special Topics in Mathematics  3.00

A grade of C or higher is required in all mathematics content courses and in PHY 3 and PHY 4.

Required Culminating Project
During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

Required Teacher Certification Workshops
EDUX 100  PROJECT S.A.V.E.: Safe Schools Against Violence in Education Act  0.00
EDUX 200  Preventing Child Abduction; Safety Education; Fire and Arson Prevention  0.00
EDUX 300  Preventing Alcohol, Tobacco, and Other Substance Abuse  0.00
CATX 100  Child Abuse Identification and Reporting  0.00
DASX 100  Dignity in Schools Act  0.00

Credit and GPA Requirements
Minimum Total: 120 credits
Minimum LAA&S: 60 credits
Minimum Mathematics: 31 credits
Minimum Education Major: 45 credits
Minimum English GPA: 2.75
Minimum Education GPA: 2.75
Minimum Overall GPA: 2.50

B.S. Adolescent Social Studies Education/Students with Disabilities 7 - 12
The 120-credit dual certification Bachelor of Science program in Adolescence Education: Social Studies and Students with Disabilities prepares a new generation of social studies teachers to cultivate and enhance student success. This program equips candidates with the skills, knowledge and foundation to motivate middle and high school students at various skill levels to learn the fundamentals of history, economics, politics and culture. This program includes a minimum of 150 hours of field experiences in middle and high school, typically completed within required fieldwork. Candidates also complete supervised practice teaching in actual classrooms at two grade levels, allowing them to observe certified teachers, interact with students, and understand the adolescent mindset as it relates to understanding issues related to social issues. Candidates who successfully complete this program and pass all required NYS teacher certification exams will be eligible for two initial certifications when the BS is awarded.

As a social studies education major, teacher candidates learn how to help students in grades 7 to 12 gain knowledge of major historical eras; learn how governments work; how people organize their economies; the diversity of human cultures found around the world; and how people use natural and human resources. Social studies courses in this program examine significant economic, political, cultural and religious aspects of civilizations from the ancient period to the present. The scope is global, with a focus on the development of American democracy, of how diverse regions of the world have contributed to world history, and the growing interdependence of modern nations. Teacher candidates are introduced to core issues found in the social science disciplines of anthropology, economics, geography, history, political science, and sociology. Key concepts include industrialization, nationalism, socialism, liberalism, imperialism, fascism, communism and globalization.

This program qualifies candidates to pursue two initial teaching certifications. In pursuing these two certifications, candidates examine theories of adolescent development, motivation, and learning for students who are in 7th to 12th grades. They must master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As candidates work toward these certifications, students gain an understanding and appreciation of the social sciences, their major area of study. Teacher candidates also acquire techniques to assess and evaluate a child's intellectual and social development and learn the basic principles of classroom management for a diverse student population.

After candidates complete all degree requirements, successfully pass New York State licensure tests and have completed all required teacher certification workshops, they will apply for and be awarded initial teaching certification by the New York State Education Department in Adolescence Education: English (grades 7-12) and in Special Education, 7-12 Generalist.

B.S. Adolescent Social Studies Education and Students with Disabilities (SWD) Generalist Grades 7-12 (dual initial certification)
Program Code: 40834 [HEGIS: 13.1318]

LIU Post Thematic Core Curriculum Requirements (32-33 credits)
In addition to all major requirements, students pursuing the B.S. Adolescence Social Studies Education and SWD Generalist Grades 7-12 must satisfy all core curriculum requirements as follows:
POST 101  1 credit
First-Year Seminar  3 credits
Writing I  3 credits
Writing II  3 credits
Quantitative Reasoning  3 credits
Scientific Inquiry & the Natural World  4 credits
Creativity, Media & the Arts  3 credits
Perspectives on World Cultures  3 credits
Ethics, Self & Society  3 credits
Power, Institutions & Structures  3 credits
Additional course from one cluster  3-4 credits

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements - Education**
Required Education Courses (45 credits)
EDI 14  Historical, Philosophical and Sociological Foundations of Education  3.00
EDI 16A  Curriculum and Assessment for Pre-service Teachers  3.00
EDI 17  Adolescent Psychology and Developmental  3.00
EDI 19  Culturally Relevant Sustaining Education  3.00
EDI 35  General Methods of Teaching Secondary Education  3.00
EDI 35D  Methods and Materials in Teaching a Specific Subject in Grades 7-12 Social Studies  3.00
EDI 38A  Supervised Student Teaching in Adolescence Education (Grades 7-12).  3.00
EDI 56  Literacy Acquisition for English Language Learners  3.00
EDS 75A  Literacy Assessment and Instruction for Diverse Classroom Populations Grades 5-12  3.00
EDS 600  Introduction to the Study of the Exceptional Child/Adolescent 3.00

EDS 630  Curriculum-based Assessment and Instruction of Students with Mild Disabilities at the Elementary and Secondary Levels 3.00

EDS 633  Accommodating Children with Special Needs in the Classroom 3.00

EDS 635  Behavior Assessment and Management for Learners with Disability Classifications 3.00

EDS 713  Supervised Student Teaching and Seminar in Special Education 3.00

**The minimum grade of C is required in all education courses**

Please see the LIU Post Graduate Bulletin for course descriptions for EDS 600, EDS 630, EDS 631, EDS 632, and EDS 713.

**Required Co-Related Courses (3 credits)**

PSY 98  Psychology Applied to Teaching and Learning 3.00

Any 6 credits of ENG 6.00

Any 6 credits of MTH 6.00

Any 6 credits of Science 6.00

**Recommended Science courses:**
- AST 9/9A: AST 10/10A; CHM 6; ERS 1; ERS 2; ERS 3; ERS 4; FS 1; PHY 11; PHY 12

**Major Requirements - Social Studies**

**Required Social Courses**

One of the following:

HIS 3  American Civilization to 1877 3.00

HIS 4  American Civilization since 1877 3.00

Choose an additional **15 Credits** from History (HIS):  

Please refer to the Social Science Department's requirements listed in the College of Liberal Arts and Sciences section of this bulletin for a specific list of options in each of the following categories:

- Choose 3 credits from Economics (ECO)
- Choose 3 credits from Political Science (POL)
- Choose an additional 3 credits from either Economics or Political Science (ECO or POL)
- Choose 3 credits in Geography (GGR)
- Choose 3 credits in Sociology (SOC)
- Choose an additional 3 credits from ECO, POL, GGR, or SOC

A grade of C or higher is required in Social Studies content courses.

**Required Culminating Project**

During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

**Required Teacher Certification Workshops**

EDUX 100  PROJECT S.A.V.E.: Safe Schools Against Violence in Education Act 0.00

EDUX 200  Preparing Child Abduction; Safety Education; Fire and Arson Prevention 0.00

EDUX 300  Preventing Alcohol, Tobacco, and Other Substance Abuse 0.00

CATX 100  Child Abuse Identification and Reporting 0.00

DASX 100  Dignity in Schools Act 0.00

**Credit and GPA Requirements**

Minimum Total: 120 credits

Minimum L&S: 60 credits

Minimum Social Studies: 36 credits

Minimum Education Major: 45 credits

Minimum English GPA: 2.75

Minimum Education GPA: 2.75

Minimum Overall GPA: 2.50

**B.S. Health Education and Physical Education**

This program prepares students to become certified teachers in both health education and physical education in elementary, middle, and high schools. The 127-credit Bachelor of Science in Health Education and Physical Education program provides teacher candidates with greater career flexibility as it leads to New York State Initial Teaching Certification in two distinct areas.

Students in the program learn effective techniques of classroom management, curriculum design, and lesson planning for children in kindergarten through grade 12. Liberal arts courses in biology equip students with knowledge in human anatomy and physiology. Kinesiology and biomechanics and exercise physiology provide a foundation for how the body functions mechanically, physiologically, and biomechanically.

The health education component examines areas including nutrition, health care services, sexuality and family planning, personal well-being, and drugs in contemporary society. Students learn how to encourage children and teenagers using a non-judgmental approach, to discuss their experiences, attitudes, and values related to health issues.

The physical education portion of the program teaches students to create a program that motivates children and adolescents to stay fit. Students are also taught how to organize movement activities, create procedures for classroom management, conduct lessons that allow for maximum practice opportunity, analyze student performance according to recognized assessment methodology, and identify sports-related injuries.

Students will gain field-based experience by completing a minimum of 150 hours of fieldwork in schools before completing student teaching in local school districts. After teacher candidates complete all degree requirements, successfully pass New York State licensure tests, and have completed all required teacher certification workshops, they will apply for and be awarded Initial Teaching Certification by the New York State Education Department in both Health Education and Physical Education.

**B.S. Health Education & Physical Education**  

[Program Code: 23210] (HEGIS: 0837)

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.S. in Health & Physical Education must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum**  

(32-33 credits)

POST 101  1 credit

First-Year Seminar  3 credits

Writing I  3 credits

Writing II  3 credits

Quantitative Reasoning  3 credits

Scientific Inquiry & the Natural World  4 credits

Creativity, Media & the Arts  3 credits

Perspectives on World Cultures  3 credits

Ethics, Self & Society  3 credits

Power, Institutions & Structures  3 credits

Additional course from one cluster  3-4 credits

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

**Major Requirements**

**Education Core Courses**
Required Health & Physical Education Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 106</td>
<td>Fitness and Conditioning (All Levels)</td>
<td>2.00</td>
</tr>
<tr>
<td>HPE 202</td>
<td>Responding to Emergencies: Comprehensive First Aid/CPR/AED</td>
<td>2.00</td>
</tr>
<tr>
<td>HE 205</td>
<td>Substance Abuse &amp; Related Issues</td>
<td>3.00</td>
</tr>
<tr>
<td>HPE 293</td>
<td>Technology in Physical Education &amp; Health Education</td>
<td>1.00</td>
</tr>
<tr>
<td>PE 299</td>
<td>Exercise Physiology</td>
<td>4.00</td>
</tr>
</tbody>
</table>

Health & Physical Education Pedagogy Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED 261</td>
<td>Secondary Methods in Health Education</td>
<td>4.00</td>
</tr>
<tr>
<td>PED 260</td>
<td>Curriculum Design in Physical Education</td>
<td>3.00</td>
</tr>
<tr>
<td>PED 261</td>
<td>Secondary Methods in Physical Education</td>
<td>4.00</td>
</tr>
<tr>
<td>PED 262</td>
<td>Elementary Methods in Physical Education</td>
<td>4.00</td>
</tr>
<tr>
<td>PED 263</td>
<td>Teaching the Individual with Special Needs</td>
<td>3.00</td>
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</tbody>
</table>

Physical Education Content Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 201</td>
<td>Introduction to Physical Education</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 203</td>
<td>Kinesiology and Biomechanical Analysis of Movement</td>
<td>4.00</td>
</tr>
<tr>
<td>PE 255</td>
<td>Motor Learning and Development</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 257</td>
<td>Care and Prevention of Athletic Injuries</td>
<td>2.00</td>
</tr>
<tr>
<td>HPE 295</td>
<td>Measurement and Evaluation</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 138</td>
<td>Skills - Track &amp; Field, Tennis, Volleyball, Badminton, Team Handball</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 139</td>
<td>Skills - Softball, Soccer, Lacrosse, Basketball, and Football/Ultimate Frisbee</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Health Education Content Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HE 201</td>
<td>Critical Health Issues I</td>
<td>3.00</td>
</tr>
<tr>
<td>HE 202</td>
<td>Critical Health Issues II</td>
<td>3.00</td>
</tr>
<tr>
<td>HE 204</td>
<td>Human Sexuality and the Family</td>
<td>3.00</td>
</tr>
<tr>
<td>HE 255</td>
<td>Nutrition for the K-12 Educator</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Student Teaching in Health Education & Physical Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 296</td>
<td>Student Teaching in Health Education and Physical Education</td>
<td>8.00</td>
</tr>
<tr>
<td>HPE 298</td>
<td>Student Teaching Seminar</td>
<td>2.00</td>
</tr>
</tbody>
</table>

A grade C or better is required in all education courses (EDI, EDS, HE, HED, HPE, PE, PED) Co-Requirements

The following must be taken:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 7</td>
<td>Human Anatomy and Physiology I</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 8</td>
<td>Human Anatomy and Physiology II</td>
<td>4.00</td>
</tr>
<tr>
<td>DNC 1</td>
<td>Beginning Movement I</td>
<td>3.00</td>
</tr>
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New York State Required Seminars

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUX 100</td>
<td>Save Schools Against Violence in Education Act - Project S.A.V.E.</td>
<td>3.00</td>
</tr>
<tr>
<td>EDUX 200</td>
<td>Preventing Child Abduction; Safety Education; Fire and Arson Prevention</td>
<td>4.00</td>
</tr>
<tr>
<td>CATX 100</td>
<td>Child Abuse Identification and Reporting</td>
<td>3.00</td>
</tr>
<tr>
<td>DASX 100</td>
<td>Dignity for All Students Act - DASA</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Culminating Project

During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

Credit and GPA Requirements

Minimum Total: 127 credits
Minimum Liberal Arts: 60 credits
Minimum Major GPA: 2.80
Minimum Overall GPA: 2.75

LIU CERTIFICATE

LIU Post Undergraduate Catalog 2022 - 2023

Required Culminating Project

During their student teaching experience, candidates are required to complete a performance-based assessment that will become part of their final program portfolio.

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Minimum Total: 127 credits
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LIU CERTIFICATE

PROGRAM

Strength and Conditioning Program

The National Strength and Conditioning Association has awarded the Department a Certificate of Recognition for successfully meeting established educational program criteria in strength and conditioning coursework. The 29-credit program includes both didactic and applied courses that provide the competency knowledge that individuals need to successfully complete the Certified Strength and Conditioning Specialist (CSCS) exam, administered by the National Strength and Conditioning Association (NSCA). Candidates must pursue this exam and subsequent credential on their own.

For those acquiring the CSCS, employment opportunities open beyond becoming an educator and include working with sports teams in schools and in professional venues and with individuals in physical therapy clinics, to name a few.

The courses include the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 255</td>
<td>Nutrition for the K-12 Educator</td>
<td>3.00</td>
</tr>
<tr>
<td>HPE 106</td>
<td>Fitness and Conditioning</td>
<td>2.00</td>
</tr>
<tr>
<td>PE 203</td>
<td>Kinesiology and Biomechanical Analysis of Movement</td>
<td>4.00</td>
</tr>
<tr>
<td>PE 299</td>
<td>Exercise Physiology</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 7</td>
<td>Human Anatomy &amp; Physiology I</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 8</td>
<td>Human Anatomy &amp; Physiology I Lab</td>
<td>4.00</td>
</tr>
<tr>
<td>BIO 7</td>
<td>Human Anatomy &amp; Physiology II Lab</td>
<td>4.00</td>
</tr>
<tr>
<td>PE 180</td>
<td>Nutrition and Sports*</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 181</td>
<td>Program Design in Strength and Conditioning*</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 182</td>
<td>Practicum in Strength and Conditioning*</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Descriptions for HE, PE, and HPE courses can be found in their respective sections below. For Biology courses, please refer to the Biology section of the Undergraduate bulletin.

**These courses are taught on demand when there are enough candidates interested in the certification.

SHARED CREDIT PROGRAMS

Several programs in the Department of Teaching and Learning require 12 credits of graduate
coursework. In completing these 12 credits, teacher candidates have the opportunity, in their senior year, to apply for a graduate program in Special Education and share those 12 credits of coursework toward a 30-credit master's degree allowing candidates to complete a master's degree in 18-24 credits beyond the bachelor's degree.

The shared programs offered in the Department of Teaching and Learning are Early Childhood Education/Special Education (1-6); Childhood Education/Special Education (1-6); Adolescence Education English/Students with Disabilities (7-12); Adolescence Education Mathematics/Students with Disabilities (7-12); and Adolescence Education Social Studies/Students with Disabilities (7-12).

The shared courses in each of these programs are listed below.

**Early Childhood Education/Special Education**
- EDS 600 Introduction to the Study of the Exceptional Child/Adolescent
- EDS 630 Curriculum-Based Assessment and Instruction of Students with Mild Disabilities at the Elementary and Secondary Levels
- EDS 633 Accommodating Learners with Special Needs in Inclusive Settings
- EDS 635 Behavior Assessment and Management for Learners with Disability Classifications

**Childhood Education/Special Education**
- EDS 600 Introduction to the Study of the Exceptional Child/Adolescent
- EDS 630 Curriculum-Based Assessment and Instruction of Students with Mild Disabilities at the Elementary and Secondary Levels
- EDS 633 Accommodating Learners with Special Needs in Inclusive Settings
- EDS 635 Behavior Assessment and Management for Learners with Disability Classifications

**Adolescence Education English Students with Disabilities/Students with Disabilities Generalist (7-12)**
- EDS 600 Introduction to the Study of the Exceptional Child/Adolescent
- EDS 630 Curriculum-Based Assessment and Instruction of Students with Mild Disabilities at the Elementary and Secondary Levels
- EDS 633 Accommodating Learners with Special Needs in Inclusive Settings
- EDS 635 Behavior Assessment and Management for Learners with Disability Classifications

To learn more about the courses required for the Bachelor of Science degree in each of these areas, please reference that related section of this bulletin. To learn more about the courses required for the Master of Science in Special Education (grades 1-6) and Special Education Generalist (grades 7-12), please refer to the LIU Post Graduate Bulletin.
Education Courses

EDI 10 Contemporary Issues in Education
This course explores contemporary issues in education, using ideas, theories, and findings from social science disciplines or philosophy in order to ground the study of the course topics.
Pre requisite: Freshman status
Credits: 3
Every Fall

EDI 14 Historical, Philosophical and Sociological Foundations of Education
The analyses of major movements, educational legislation, institutions, men, women and thoughts in education are considered in regard to current trends. Emphasis is on the implications of the analyses for modern educational principles and practices so that students gain an understanding of educational foundations.
Credits: 3
Every Fall and Spring

EDI 16A Curriculum and Assessment for Pre-service Teachers
This course provides teacher education majors with a knowledge base in the development of the K-12 curriculum and with modes of authentic assessment (portfolio and performance) that help students evaluate their academic progress. Emphasis is placed on the conceptual foundations and development of curriculum, efforts to reform and re-conceptualize the curriculum, external influences on the process of curriculum change, and the role of the teacher in curriculum development and student assessment.
Credits: 3
Every Fall and Spring

EDI 17 Adolescent Psychology and Development
This course examines various aspects of early adolescent and adolescent development, including cognition, intelligence, social relationships, stress, self-esteem, and moral development. Considerable attention is given to race, gender, ethnicity. The emphasis is on normal physical, intellectual, emotional, and social growth and development, though the course also introduces information about adolescents with special needs as well as the at-risk student.
A pre requisite of EDI 15A or PSY 98 is required.
Credits: 3
Every Spring

EDI 19 Culturally Responsive-Sustaining (CR-S) Education
In alignment with the New York State CR-S Education Framework, this course offers a cultural view of learning and human development in which multiple expressions of diversity (e.g., race, social class, gender, language, sexual orientation, nationality, religion, ability) are recognized and regarded as assets for teaching and learning.
Through an equity and inclusion lens that elevates historically marginalized voices, students will examine a complex system of biases and structural inequalities; explore the relationship between historical and contemporary conditions of inequality and ideas that shape access, participation, and outcomes for learners and communities; and developing socio-politically conscious and socio-culturally responsive approaches to all facets of education.
A pre requisite of EDI 14 is required.
Credits: 3
Every Fall and Spring

EDI 35 General Methods of Teaching Secondary Education
This course considers the objectives, scope, and programs of Adolescent education in terms of the classroom teacher’s commitment and responsibilities. It addresses general principles, pedagogy (i.e., instructional models, methods and strategies) and management strategies used for classroom instruction of adolescent students.
Prerequisites of EDI 14, 16A, PSY 98 or EDI 15A and EDI 45 are required.
Credits: 3
Every Fall

EDI 35A Methods and Materials in Teaching a Specific Subject in Grades 7-12 Science
This course offers a consideration of the principles and techniques of science in adolescent education. Relevant middle and high school curricula and related methods, materials, and technology are examined and appraised in relation to current needs and practices.
Prerequisite of EDI 14,16A; PSY 98 or EDI 15A are required.
Pre or corequisite of EDI 35.
Credits: 3
Every Fall and Spring

EDI 35B Methods and Materials in Teaching a Specific Subject in Grades 7-12 English
This course offers a consideration of the principles and techniques of English in adolescent education. Relevant middle and high school curricula and related methods, materials, and technology are examined and appraised in relation to current needs and practices.
Prerequisite of EDI 14,16A; PSY 98 or EDI 15A are required.
Pre or corequisite of EDI 35.
Credits: 3
Every Fall and Spring

EDI 35C Methods and Materials in Teaching a Specific Subject in Grades 7-12 Mathematics
This course offers a consideration of the principles and techniques of mathematics in adolescent education. Relevant middle and high school curricula and related methods, materials, and technology are examined and appraised in relation to current needs and practices.
Prerequisite of EDI 14,16A; PSY 98 or EDI 15A are required.
Pre or corequisite of EDI 35.
Credits: 3
Every Fall and Spring

EDI 35D Methods and Materials in Teaching a Specific Subject in Grades 7-12 Social Studies
This course offers a consideration of the principles and techniques of social studies in adolescent education. Relevant middle and high school curricula and related methods, materials, and technology are examined and appraised in relation to current needs and practices.
Prerequisite of EDI 14,16A; PSY 98 or EDI 15A are required.
Pre or corequisite of EDI 35.
Credits: 3
Every Fall and Spring

EDI 35G Methods and Materials in Teaching Secondary Methods Music
This course offers a consideration of the principles and techniques of music in adolescent education. Relevant middle and high school curricula and related methods, materials, and technology are examined and appraised in relation to current needs and practices.
Prerequisite of EDI 14,16A; PSY 98 or EDI 15A are required.
Pre or corequisite of EDI 35.
Credits: 3
Every Fall and Spring

EDI 38 Supervised Student Teaching in Adolescence Education (Grades 7-12)
Candidates preparing to qualify as Adolescent school teachers are supervised during a student teaching experience in selected private and public secondary schools. Student teachers are expected to apply constructivist theories of teaching and learning in the classroom. Teaching portfolios include evidence of accomplishment as reflective practitioners across INTASC standards of teaching performance. Professional collaboration with cooperating teachers, colleagues, and university supervisor is encouraged throughout the experience. A weekly seminar provides a forum for critical analysis of teaching that employs self-assessment and peer review with the university supervisor. A minimum of 360 hours is required, which includes teaching, observation, and participation in staff and school activities.
Credits: 6
Every Fall and Spring

EDI 38A Supervised Student Teaching in Adolescence Education (Grades 7-12)
Candidates preparing to qualify as Adolescent school teachers are supervised during a student teaching experience in selected private and public secondary schools. Student teachers are expected to apply constructivist theories of teaching and learning in the classroom. Teaching portfolios include evidence of accomplishment as reflective practitioners across INTASC standards of teaching education.
a play-driven learning environment in kindergarten to nurture young children’s multimodal literacies in pre-service teacher

Every Fall

Credits: 3

EDI 40A Multimodal Approach to Early Childhood Play-based Curriculum and Instruction (Birth to Preschool)
The course provides pre-service teachers a broad overview of the complexities and approaches to multimodal learning in a play-based preschool classroom setting, with emphasis on the practical applications of implementing a multimodal approach to education to promote physical, intellectual, social, creative, emotional, and sensory needs of young children. Candidates learn how to encourage continuous growth and development through the use of appropriate methods, materials, and activities in a play-based environment. Candidates consider culturally sensitive ways of caring and teaching as they examine the basis for developing suitable programs and formulating criteria to enhance the learning experiences of young children.

Pre requisites: EDI 14 and PSY 98 or EDI 15A.

Credits: 3

Every Fall

EDI 41A Nurturing Young Children’s Development: A Multicultural Approach (Birth to 2nd Grade)
Taking a broad ecological approach, the course integrates the use of observation, documentation, and assessment in understanding young children’s developmental, familial, cultural, educational, historical, sociological, and political contexts. Scientific findings on the physical, cognitive, emotional and social development of children in prenatal, infancy, preschool and middle childhood are examined. The integration of perception, cognition and growth in nurturing young children’s multicultural identity is stressed, and their significance for teaching and guidance processes is emphasized.

Pre requisites: EDI 14 and PSY 98 or EDI 15A or be active in the Speech Lang Path and Audio plan.

Credits: 3

Every Fall

EDI 42 Multimodal Approach to Early Childhood Play-based Curriculum and Instruction (K-2)
Using an integrated approach to the design of curriculum and instruction, the course gives the pre-service teacher a broad overview of creative ways to nurture young children’s multimodal literacies in a play-driven learning environment in kindergarten and the primary grades. The course provides opportunities to explore interconnections among subject areas of early childhood learning through the planning and implementation of integrated science, technology, research, engineering, art, and mathematical learning and in developing curricula. Emphasis will be on the practical applications of designing learning spaces that foster play and investigation. Teacher candidates will be exposed to theories of play, the importance of using play and young children’s creative modalities as basis for early childhood learning.

Prerequisites of EDI 14, 40A, 41A, and PSY 98 or EDI 15A are required.

Credits: 3

Every Spring

EDI 54 Mathematics Content Standards & Pedagogies for Elem School Students
This course is designed to introduce Childhood teacher candidates to current standards for content and pedagogy. Contemporary strategies to identify and create engaging instructional activities to teach concepts consistent with current best practices will be explored. Multiple approaches will be considered with the goal of creating equitable learning environments for diverse students.

Prerequisites of MTH 15, EDI 14 and a pre or corequisite of MTH 16

Credits: 3

Every Fall

EDI 55 Designing and Assessing Mathematics Instruction for Elementary Students
This course is intended to develop skill in creating engaging instructional activities and writing lesson plans aligned with state and national mathematics standards for grades 1 through 6. The key role of assessment in developing instruction will be emphasized. Teacher candidates will design, practice teaching that mathematics instruction, and reflect on their teaching.

Prerequisites of MTH 15, MTH 16, EDI 14, EDI 54, and PSY 98 or EDI 15A are required.

Credits: 3

Every Fall and Spring

EDI 56 Literary Acquialtion for English Language Learners
This course provides a theoretical and practical background into the issues related to the development of reading and writing for ENL and bilingual children with focus on: the transfer of reading skills from a native to a second language; the social, cultural and socioeconomic dimensions of literacy; research on children’s first and second language literacy acquisition in the settings of home, community and in schools; bilingualism and bilitracy; teaching literacy to ENL learners of diverse ages and linguistic, ethnic, cultural and socioeconomic backgrounds; and developing advanced literacy through academic content areas. The course will also study the teaching of poetry because poetry, with its musical nature, has been shown to be one of the best tools for teaching literacy to linguistically diverse children.

Credits: 3

Every Fall and Spring

EDI 63 Methods in Teaching Elementary Social studies
Creative methodology in the teaching of social studies planning, research, reporting, and culminating activities.

Prerequisites of EDI 14, 16A, and EDI 15A or PSY 98 are required.

Credits: 3

Every Fall and Spring

EDI 64 Student Teaching, Childhood (Grades 1-6)
Supervised student teaching experience in selected private and public schools from grades 1 through 6. Student teachers are expected to apply constructivist theories of teaching and learning in the classroom. Teaching portfolios include evidence of accomplishments as reflective practitioners across INTASC standards of teaching performance. Professional collaboration with cooperating teachers, colleagues, and university supervisor is encouraged throughout the experience. A weekly seminar provides a forum for critical analysis of teaching that employs self-assessment and peer review with the university supervisor. A minimum of 360 hours of teaching, observation, and participation in staff and school activities is required.

Only under exceptional circumstances, with appropriate documentation, can permission be granted by the Chairperson to take a course concurrently with student teaching.

Credits: 6

Every Fall and Spring

EDI 64A Student Teaching, Childhood (Grades 1-

6)/Early Childhood
Supervised student teaching experience in selected private and public schools from birth - grade 2 and grades 1 through 6. Student teachers are expected to apply constructivist theories of teaching and learning in the classroom. Teaching portfolios include evidence of accomplishment as reflective practitioners across INTASC standard of teaching performance. Professional collaboration with cooperating teachers, colleagues, and university supervisor is encouraged throughout the experience. A weekly seminar provides a forum for critical analysis of teaching that employs self-assessment and peer review with the university supervisor. A minimum of 360 hours of teaching, observation, and participation in staff and school activities is required. Only under exceptional circumstances, with appropriate documentation, can permission be granted by the Chairperson to take a course concurrently with student teaching.

Credits: 6

Every Fall and Spring

EDI 64C Student Teaching, Childhood/Childhood Special Ed (Grades 1-6)
Supervised student teaching experience in selected
private and public schools from grades 1 through 6. Student teachers are expected to apply constructivist theories of teaching and learning in the classroom. Teaching portfolios include evidence of accomplishment as reflective practitioners across INTASC standards of teaching performance. Professional collaboration with cooperating teachers, colleagues, and university supervisor is encouraged throughout the experience. A weekly seminar provides a forum for critical analysis of teaching that employstudent assessment and peer review with the university supervisor. A minimum of 360 hours of teaching, observation, and participation in staff and school activities is required. Only under exceptional circumstances, with appropriate documentation, can permission be granted by the chairperson to take a course concurrently with student teaching.

Credits: 6
Every Fall and Spring

EDI 66A Supervised Student Teaching and Seminar in Early Childhood Education
Continuous observation and student teaching under supervision at selected sites with children from Birth to grade 2. A minimum of 360 hours of observation, student teaching, and participation in appropriate staff and school activities is required. A weekly seminar integrates theory and practice and provides orientation to the teaching profession. Only under exceptional circumstances, with appropriate documentation, can permission be granted by the chairperson to take a course concurrently with student teaching.

Credits: 6
Every Fall and Spring

EDI 66B Supervised Student Teaching, Early Childhood (B-Grade 2)/TESOL (K-12)
Continuous observation and student teaching under supervision at selected sites with children from birth to grade 2. A minimum of 360 hours of observation, student teaching, and participation in appropriate staff and school activities is required, minimum 40 days in early childhood and a minimum of 20 days in TESOL. A weekly seminar integrates theory and practice and provides orientation to the teaching profession. Only under exceptional circumstances, with appropriate documentation, can permission be granted by the chairperson to take a course concurrently with student teaching.

Credits: 6
Every Fall and Spring

EDI 69 Methods in the Teaching of Science in the Elementary School
This course addresses the content, methods, and materials relevant to teaching science in the elementary school. Prerequisites of EDI 14, 16A, and EDI 15A or PSY 98 are required.

Credits: 3
Every Fall and Spring

EDI 360 Honors Advanced Elective
Honors College Advanced Electives are seminar type courses occasionally offered in a particular discipline. Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3
On Occasion

EDI 389 Honors Thesis
Honors Thesis. Must be in Honors College

Credits: 3
On Occasion

EDI 390 Honors Thesis
Honors Thesis. Must be in Honors College

Credits: 3
On Occasion

Physical Education and Health Education Courses

HE 201 Critical Health Issues I*
This course is a discussion of various health problems that are of greatest concern to individual, community, and future health educators: 1) the wellness concept; 2) chronic diseases; 3) communicable diseases; 4) environmental effects on health; and 5) genetic disorders. *May be taken and recognized as Liberal Arts credit.

Credits: 4
Every Spring

HE 202 Critical Health Issues II
This course is an introduction to the major theories associated with mental health, methods of stress management, and methods of handling emotions in everyday life.

Credits: 3
Every Spring

HE 204 Human Sexuality and the Family

This course includes a general discussion of human sexuality and the family through a values approach. Various problems in human sexuality are discussed through a broad range of psychological and philosophical disciplines. The course attempts an examination of the place and meaning of sexuality and the family in our education, lives and society.

Credits: 3
Every Fall and Spring

HE 205 Substance Abuse & Related Issues*
This course is an examination of the uses of prescription, over-the-counter and consciousness-altering drugs in contemporary America. Emphasis is placed on making improved health-related decisions when confronted by substance use. A non-judgmental approach is used to encourage students to discuss their experiences, attitudes and values related to drug usage.

*May be taken and recognized as Liberal Arts credit.

Credits: 3
Every Fall and Spring

HE 255 Nutrition for the K-12 Educator
This course provides students with an introduction to the basic principles of nutrition and their relationship to good health. Included is the following: the evaluation of current nutritional information and misinformation with emphasis on critical thinking to determine optimal dietary choices; the study of the major dietary goals and guidelines; and the examination of weight maintenance techniques, eating disorders, food labeling, food safety and special needs at various stages of life. An additional focus is on applying content material in a classroom setting for students in grades K-12.

Credits: 3
Every Fall

HED 261 Methods of Teaching Health Education
Students taking this course will know the foundations of health education and will be able to practice the skills of a health educator in preparation for student teaching. The Health Education Behavioral Skills and Content Areas will be aligned with both the State and National Standards, Youth Risk Behaviors, and health teacher competency skills. The students will develop and teach units of study, lesson plans, and performance strategies that promote life-long behaviors that lead to a high level of wellness.

Credits: 4
Every Spring

HPE 106 Fitness and Conditioning (All Levels)
Students will examine the concepts involved in physical conditioning and will develop an appropriate exercise program. The course will also examine how diet, nutrition, stress, and lifestyle play a role in one’s well-being.

Credits: 2
Every Fall and Spring

HPE 201 Introduction to Physical Education and
Health Education
This course is an overview of the foundations and roles of physical education and sport and health in society. It focuses on the historical, philosophical, personal, and administrative aspects of physical education and sport. Emphasis will be placed on the scientific and scholarly disciplines that support the fitness, physical education and health education professions.
Credits: 3
Every Fall

HPE 202 Responding to Emergencies: Comprehensive First Aid/CPR/AED
Students will learn basic knowledge and procedures for first aid, cardiopulmonary resuscitation, and the AED through lecture, demonstration, and laboratory work. Emphasis will be given to emergency conditions likely to occur in educational settings and sports-related traumas. Students may earn First Aid and CPR certification.
Credits: 2
Every Spring

HPE 293 Technology in Physical Education & Health Education
This course provides an introduction to the use of technology specifically applications and software that are used in both physical education and health education.
Credits: 1
Every Fall

HPE 295 Measurement and Evaluation
This course will focus on the purposes and principles of measurement and evaluation in physical education and health education. Students will learn appropriate measurement instruments to evaluate individual and group performance and statistical procedures required to organize, summarize, analyze and interpret data will be explored. Laboratory experiences are designed to support measurement theory. Prerequisites of HPE 201, PE 255, and PE 290 are required.
Credits: 3
Every Fall

HPE 296 Student Teaching in Health Education and Physical Education
This course is designed to meet the certification requirements for those students pursuing a double major in both Health Education and Physical Education. A minimum of 500 hours in teaching and observation is required. Students must be prepared to spend the entire school day in the public schools during the semester of registration in this course. Corequisite of HPE 298 and Dept approval is required
Credits: 8
Every Fall and Spring

HPE 298 Student Teaching Seminar
All Physical Education and/or dual Health Education & Physical Education students registered in student teaching must attend this mandatory weekly seminar that is designed to discuss lesson plans, units, current topics, and issues in the school setting. Corequisites of PED 297 or HED 297 or HPE 296 and Dept consent are required.
Credits: 2
Every Fall and Spring

PE 116 Horseback Riding (Beginning)
Students will have an opportunity to learn the basic skills of horsemanship. Each student must have an approved riding helmet before riding. A separate stable fee applies.
Credits: 1
Every Fall

PE 117 Horseback Riding (Intermediate)
Students will have an opportunity to learn the intermediate skills of horsemanship. Each student must have an approved riding helmet before riding. A separate stable fee applies. Prerequisite of PE 116 or instructor's permission is required.
Credits: 1
Every Fall and Spring

PE 138 Skills - Track & Field, Tennis, Volleyball, Badminton, Team Handball
This course will introduce students to the art of teaching motor and sport skills in Track & Field, Tennis, Volleyball, Badminton, and Team Handball. Students will be expected to acquire the basic skills of each activity and learn teaching strategies to effectively teach them to students.
Credits: 3
Every Spring

PE 139 Skills - Softball, Soccer, Lacrosse, Basketball, and Football/Ultimate Frisbee
This course will introduce students to the art of teaching motor and sport skills in Softball, Soccer, Lacrosse, Basketball, and Football/Ultimate Frisbee. Students will be expected to acquire the basic skills of each activity and learn teaching strategies to effectively teach them to students.
Credits: 3
Every Fall

PE 181 Program Design in Strength and Conditioning
The purpose of this course is to design, implement and test the effectiveness of a fitness & conditioning program design for a collegiate athlete. Students enrolled in this course will complete a comprehensive evaluation of a college varsity athlete's current fitness levels and after learning the structure and progression of effective exercise programs, will design and write a personal conditioning program to help ascertain an optimal fitness level for the individual. Pre requisites: HE 255, PE 105, , PE 203, PE 299, PE 180 and HPE 106/PE 180 are required.
Credits: 3

On Occasion

PE 182 Practicum in Strength & Conditioning
The strength and conditioning practicum is designed to give students field experience in the strength and conditioning specialization. Students are required to complete 40 hours of fieldwork plus 5 hours of seminar. Pre requisites: HE 255, PE 105, , 180, 181, 203, 299, HPE 106, BIO 7 and BIO 8 are required or permission from the department chair.
Credits: 1
On Occasion

PE 203 Kinetics and Biomechanical Analysis of Movement
This course is an introduction to the basic concepts of human motion, including anatomical and mechanical descriptions of movement. The course includes an analysis of basic locomotion and of selected sports skills. Laboratory experiences develop competencies in error identification and correction for teachers of movement. Three hours of lecture plus two hours of laboratory per week. This course has an additional lab fee. Prerequisites BIO 7 and 8 or instructor permission are required.
Credits: 4
Every Fall

PE 255 Motor Learning and Development
This course is a discussion of studies, concepts, and principles related to human motor behavior and learning. Physical, mental and emotional factors of skill acquisition, growth and development, environmental considerations, personality factors, and other aspects of skill learning are included. *Can be applied as liberal arts credit
Prerequisite of HPE 201 is required.
Credits: 3
Every Spring

PE 256 Coaches' Principles, Philosophy and Organization of Athletics in Education
This course focuses on the philosophies, principles, and methods of coaching college and public school sports as well as the rules and techniques of officiating.
Credits: 3
Every Fall and Spring

PE 257 Care and Prevention of Athletic Injuries
The course is an introduction to athletic training/sports medicine through basic methods of preventing, assessing, and treating common sports-related injuries. Pre requisite of PE 203 or BIO 118 is required.
Credits: 2
Every Fall

PE 299 Exercise Physiology
This course is an introduction to the physiological basis of exercise and physical activity with practical applications of the concepts to the fields of health, physical education, and athletics. Laboratory
experiences are designed to demonstrate the physiological effects of activity, and the use of measurement techniques will be included. Pre requisites: BIO 7, BIO 8 and PE 203 or permission of the instructor is required.

Credits: 4
Every Spring

PED 260 Curriculum Design in Physical Education
This course examines the process of curriculum design, including the basic principles of curriculum development and curriculum planners. Emphasis is on developing a philosophy of Physical Education, selecting a curriculum theory reflective of that philosophy, and designing a curriculum based on both. Principles learned in this class are then applied to PED 261, PED 262, and PED 263. Corequisite of PED 261 and Dept approval is required.

Credits: 3
Every Fall

PED 261 Secondary Methods in Physical Education
This course focuses on the characteristics of adolescent students and how effective secondary school physical education programs are planned, taught, and evaluated. Particular emphasis is placed on physical education content, knowledge, and on developing the skills necessary to become competent secondary school physical educators. Course content includes peer teaching, supervised clinical teaching, and field experience at local schools. Corequisite of PED 260 and Dept approval is required.

Credits: 4
Every Fall

PED 262 Elementary Methods in Physical Education
This course focuses on designing and conducting developmentally appropriate physical education lessons in grades K-6. Particular emphasis is placed on designing and conducting lessons that allow for maximum practice opportunity accompanied by performance analysis and assessment. Course content includes peer teaching, supervised clinical teaching, and field experience at local schools. Prerequisite of PED 260 and corequisite of PED 263 are required.

Credits: 4
Every Spring

PED 263 Teaching the Individual with Special Needs
This course focuses on the recognition of disabling conditions and the motor limitations of each; special problems encountered; and methods for improving the effectiveness of teaching adapted physical education in the school curriculum. Field experience in an adapted setting is required. Prerequisite of HPE major and 12 credits in major are required.

Credits: 3
Every Spring

PED 291 Coaching Practicum
The coaching practicum is designed to give students field experience in the coaching specialization. Students are required to complete 40 hours of fieldwork plus five hours of seminar. Completion of all degree requirements and co requisites of PED 297 and/or HPE 296 are required.

Credits: 1
Every Fall and Spring

Special Education Courses

EDS 45 Teaching Students with Disabilities in Inclusive Classrooms
This course introduces students to each of the 13 special education classifications as defined by the Individuals with Disabilities Education Act, addressing each disability category with respect to causes, characteristics, and corresponding evidence-based interventions to be implemented within inclusive placements. The referral and evaluation process will be addressed along with the development of Individualized Family Service Plans and Individualized Education Programs. Specific attention will be given to positive behavior supports and interventions and strategies for collaborating with professionals and for developing systems that foster family engagement.

Credits: 3
Every Fall and Spring

EDS 60 Literacy Development: Birth-Grade 6
This course addresses strategies and resources for childhood language acquisition and current principles and practices in teaching literacy. Relevant approaches and research findings that can be used in the classroom setting will be explored. Students have the opportunity to observe and explore various ways literacy is used in the classroom.

Credits: 3
Every Fall and Spring

EDS 62 Literacy Assessment for the Classroom Teacher Birth-Grade 6
This course focuses on acquainting students with current assessments used to identify reading issues including problems, levels and specific reading strengths and weaknesses of elementary school students in the classroom setting. Further emphasis is placed on the use of current principles, practices, strategies, techniques, and the effective integration of technology in evaluating and treating the elementary school classroom student. Case studies will be developed and discussed.

Credits: 3
Every Fall and Spring

EDS 75A Literacy Assessment and Instruction for Diverse Classroom Populations Grades 5-12

This course connects reading research and best practice for practical classroom application. Specifically, students will engage in discussions and assignments concerning assessment techniques that determine effective instructional strategies to develop and strengthen the literacy needs of the adolescent learner. Significant issues concerning literacy across the curriculum will be highlighted. Text reading and assignments involve approaches, experiences, techniques and materials relevant to broadening literacy skills of the adolescent learner.

Credits: 3
Every Fall
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

The School of Humanities and Social Sciences comprises departments and programs that explore the human condition and the world through cultural, social, political, and philosophical lenses. The disciplines within the school attempt, in one way or another, to capture, explain, or reframe the human experience of the world. Each department and program is distinguished by its specific focus (e.g., written texts, social institutions) and approaches, but they overlap in using quantitative and qualitative methods, experimental, experiential, and interpretive knowledge, for better comprehending how humans interact with one another and the world to shape lived experience in different historical, cultural, and social settings. The school thus incorporates traditional disciplines such as English, history, philosophy, languages, sociology, anthropology, and political science, as well as an array of interdisciplinary approaches. Studies in the school prepare students for a host of future pursuits by giving them transferable skills in communications, problem solving, creative thinking, argumentation, deep analysis, and more.

DEPARTMENT OF HUMANITIES

The Humanities Department offers a B.A. in English with specializations in writing or literature. The department also offers degrees in conjunction with the College of Education, Information, and Technology. Information about these degrees can be found in the College of Education, Information and Technology section. The Department also offers concentrations in English literature or writing for the B.S. programs in Early Childhood (Birth to Grade 2) and Childhood Education (Grades 1 to 6).

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.

English majors have many opportunities to participate in clubs, publications, and special events. The LIU Post Poetry Center, the longest-running literary center at any university in the metropolitan New York area, sponsors poetry readings and a poetry contest and brings internationally renowned poets to campus. Sigma Tau Delta, the national English Honor Society, maintains an active chapter at LIU Post, and members may submit original work to the national publication. LIU Post also offers a number of annual English awards for scholarship and original prose and poetry. Students may compete for the prizes granted annually by the Academy of American Poets.

The Humanities department also offers courses in Foreign Language and Philosophy. 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. Courses are multi-faceted and encompass foreign cultures, literature, grammar, history, art, and music. Our professors have a wealth of expertise as published authors, researchers, travelers, and educators. Philosophy classes train students to analyze and tackle complex theories and enlarge their perspectives on life and the world. The main focus of these classes is to teach students to question; understand difficult texts and ideas; and experience the wonder and passion of thought, which prepares students to think for themselves.

Courses in philosophy from LIU Post will encourage you to ask questions; develop your critical thinking, reading, and writing skills; strengthen your ability to make decisions, and develop your historical understanding of texts and ideas.

B.A. English

B.A. English

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.A. English must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Writing II</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td>4</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3</td>
</tr>
</tbody>
</table>

Self, Society & Ethics 3 credits
Power, Institutions & Structures 3 credits
Additional course from one 3-4 credits cluster

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required English Foundation Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 10 Introduction to Literature</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Foreign Language Sequence

Students are required to complete 6 credits in one of the following: FRE, GER, ITL, JPN, RUS, SPA.

As part of the requirements for this degree, students must complete an e-portfolio. Students must choose either a concentration in Literature or Writing.

Required Major Figure Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 21 Shakespeare: Comedies and Histories, Non-Dramatic Poetry</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 22 Shakespeare: Tragedies and Romances</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 25 Major Figure</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Historical Period Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 8 World Literature II: From the Enlightenment to the Present</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 13 The Short Story</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 16 The Modern Novel</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 21 Shakespeare: Comedies, Histories, Non-Dramatic Poetry</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 22 Shakespeare: Tragedies, Romances</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 32 Contemporary Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 51 Greek Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 67 Classical Literature in Translation</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 68 Approaches to the Study of Myth</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 102 Literatures of Africa</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 103 Irish Literary Renaissance</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 104 History of Irish Literature</td>
<td>3.00</td>
</tr>
</tbody>
</table>
### Required Genre Course

**One of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 13</td>
<td>The Short Story</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 16</td>
<td>The Modern Novel</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 21</td>
<td>Shakespeare: Comedies and Histories, Non-Dramatic Poetry</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 22</td>
<td>Shakespeare: Tragedies and Romances</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 35</td>
<td>Childhood and Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 36</td>
<td>Adolescent Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 51</td>
<td>Greek Drama</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 63</td>
<td>The Literature of Memory</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 64</td>
<td>Crime, Guilt, and Atonement</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 68</td>
<td>Approaches to the Study of Myth</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 69</td>
<td>From Fiction Into Film</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Literatures of Africa</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 103</td>
<td>Irish Literary Renaissance</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 104</td>
<td>History of Irish Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 108</td>
<td>African-American Literature of the Twentieth Century</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 109</td>
<td>American Slave Narratives</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 141</td>
<td>Literature of the Working Class</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 142</td>
<td>Leadership and Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 144</td>
<td>Empathy and the Human Imagination</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 146</td>
<td>Conformity and Rejection in Literature</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 147</td>
<td>American Vampires</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 152</td>
<td>The American Novel</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 158</td>
<td>Freak Shows and the Modern American Imagination</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 165</td>
<td>Creativity and Nature</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Required Upper-Level English Literature Courses

Any two courses/six credits of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 182</td>
<td>Introduction to Creative Writing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 183</td>
<td>Creative Writing: Non-Fiction</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 282</td>
<td>Fiction Writing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 283</td>
<td>Poetry Writing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 284</td>
<td>Drama Writing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 285</td>
<td>Screenwriting</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Required Advanced Writing Courses

Any four courses/twelve credits of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 181</td>
<td>The Art of Expository Writing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 184</td>
<td>Writing and Healing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 185</td>
<td>Theories of Writing and Composing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 186</td>
<td>Writing in a Digital Age</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 187</td>
<td>Editing and Professional Writing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 188</td>
<td>Writing in the Workplace</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 189</td>
<td>Creative Writing: Experimental Fiction</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 192</td>
<td>Technical Writing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 193</td>
<td>Creative Writing: Young Adult Fiction</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 195</td>
<td>History of the Genre</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 389</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 390</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Required Rhetoric/The English Language Courses

Any two courses/six credits of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 3</td>
<td>Grammar and the Structure of English</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 201</td>
<td>The English Language</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 202</td>
<td>Varieties of English</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 204</td>
<td>Theories of Persuasion: Ancient and Modern</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 389</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 390</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Required English Literature Courses

Any three courses/nine credits of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 8</td>
<td>World Literature II: From the Enlightenment to the Present (must be WAC format)</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 12</td>
<td>British Literature II: Survey Romantic, Victorian, Modern</td>
<td>3.00</td>
</tr>
<tr>
<td>ENG 22</td>
<td>Shakespeare: Tragedies and Romances</td>
<td>3.00</td>
</tr>
</tbody>
</table>

### Credit Requirements

**Minimum Total Credits:** 120

**Minimum Liberal Arts Credits:** 90

### Joint Programs with College of Education, Information and Technology

For information about Education degrees with content specializations in the humanities, 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 1 Writing I: Composition and Analysis
English 1 is an introductory writing course that uses interpretation and analysis of texts to promote clear thinking and effective prose. Students learn the conventions of academic writing. In addition, students learn how to adapt writing for various audiences and rhetorical situations.
Credits: 3
Every Fall, Spring and Summer

ENG 1S Writing I: Composition and Analysis
Same as ENG 1. For students identified as needing more personalized attention.
No Pass/Fail option.
Four hours lecture/recitation.
Credits: 3
Every Fall

ENG 2 Writing II: Research and Argumentation
Writing II, a course in research and argumentation focuses on scholarly research and the citation of information supporting sustained rhetorically effective arguments. Students will learn to use sources and resources effectively and ethically, including library holdings and databases, in service of scholarly arguments grounded in research. No Pass/Fail option.
Prerequisite of ENG 1 is required.
Credits: 3
Every Fall, Spring and Summer

ENG 3 Grammar and the Structure of English
This course will examine the structures of the English language from both descriptive and prescriptive points of view. We will discuss why certain structures have been deemed to be more correct than others that are also in common use, and how correctness differs from grammaticality. We will examine why the use of certain structures constitutes “good” or “bad” grammar, and look into how these standards have emerged and changed over time. Topics will include sentence structure and phrase-structure rules, style, word classes, constituency, parts of speech, sentence relatedness, and usage.
Prerequisites of ENG 1 and ENG 2 are required.
Credits: 3
Annually

ENG 7 World Literature I: From Antiquity to the Renaissance
This course provides an introduction to the foundations of Western culture reflected in a series of literary masterpieces that demonstrate evolutions of thought from Antiquity to the Renaissance. The course’s main objective is to encourage students to conceive of our literary heritage as an ongoing debate on the central issues of human experience. Its syllabus is composed of a selection of foundational texts that still shape our current perceptions of the world. The works that it includes are selected both for their stylistic innovations and their insights into basic social issues that still confront us today.
Prerequisites of ENG 1 and ENG 2 are required.
Not open to students who have taken ENG 303.
Credits: 3
On Occasion

ENG 8 World Literature II: From the Enlightenment to the Present
This course provides an introduction to some of the world’s most brilliant literature from the late seventeenth century to the present. Its purpose is to examine literary masterpieces for their insights into human nature and society. Texts will be examined in light of the intellectual, social, literary, and political contexts in which they developed. This course fulfills the Perspectives On World Cultures thematic cluster requirement in the core curriculum.
Prerequisites of ENG 1 and ENG 2 are required.
Not open to students who have taken ENG 304.
Credits: 3
Every Fall, Spring and Summer

ENG 10 Introduction to Literature
This course is designed to provide an understanding of the ways in which writers employ and respond to the conventions of the major literary genres through the study of significant representative texts. Works of literature from a wide variety of genres will be read in order to provide a basic knowledge of literary language, techniques, and forms. Literary works will be evaluated through class discussion, oral presentations, and written critical essays. While providing a general critical framework for analyzing literature, this course will also furnish students with a vocabulary of critical terms and an overview of the different literary techniques and forms used in various genres. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisites of ENG 1 and ENG 2 are required.
Credits: 3
Every Fall and Spring

ENG 11 British Literature Survey Medieval, Renaissance, Neo-Classical
The course begins with such Old English works as Beowulf in translation. Middle English selections from Chaucer are taught in the language. Such other medieval works as Sir Gawain and the Green Knight and The Second Shepherds’ Play will be read in the original or in translation as appropriate to the students. All readings will be considered in literary and historical contexts to help students understand the cultural and philosophical influences that shaped them.
Same as WLT 11.
Prerequisites: ENG 1 and 2 or the equivalent; ENG 10 for students majoring in English or English for Adolescence Education.
Credits: 3
Every Fall

ENG 12 British Literature II: Survey Romantic, Victorian, Modern
This survey of British literature from the late eighteenth century to the mid-twentieth century. The course will look at the Romantic rebellion against Neo-Classical norms, then the Victorian recoil from Romantic excess, the Modernist rejection of Victorian strictures, and the way Modernism plants the seeds of the Post-Modern rejection of its self-satisfaction. While the focus of the course will be primarily on close reading of literary texts, the historical, cultural, and philosophical contexts will be discussed with attention to changing ideas about identity, gender, class, and culture during the period. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisites: ENG 1 and 2 or the equivalent; ENG 10 for students majoring in English or English for Adolescence Education.
Credits: 3
Every Spring

ENG 13 The Short Story
This course offers an introduction to the short story and its development since the nineteenth century. What are some of the characteristics and conventions of short fiction? How do we understand a short story differently in the context of a collection? What are some of the challenges of this format? These readings will enable us to examine various literary genres as well as several major artistic movements, including Romanticism, Realism, Naturalism, Modernism, Postmodernism, Postcolonialism, and Minimalism. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of ENG 10 required for all English majors.
Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 16 The Modern Novel
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 an emotional intensity and haunting lyricism that testifies to the widespread fragmentation and alienation afflicting western consciousness in the twentieth century. With the use of pioneering literary 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. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of ENG 10 required for all English majors.
Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion
On Occasion

ENG 21 Shakespearean Comedies and Histories, Non-Dramatic Poetry
What made William Shakespeare the greatest writer in the English language? What are the special features that distinguish his work? Is there a unique "Shakespearean" perspective on display in his writing? This course attempts to answer these questions by focusing on the two kinds of drama - comedy and history - that he mastered early and continued to re-conceptualize throughout his career. It explores in detail six of Shakespeare's plays, such as Twelfth Night and Richard II, paying close attention to the unique qualities that have transformed his drama into the most respected and frequently produced works of world literature. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
Every Fall

ENG 22 Shakespearean Tragedies and Romances
This course provides an introduction to Shakespeare's later career and focuses on the two major genres - tragedies and romances. The sequence of readings demonstrates the continuing evolution of his drama from the late Elizabethan to Jacobean periods. Its aim is to provide students with a thorough understanding of Shakespeare's plays by closely examining the brilliant nuances of language, characterization, and plot that have secured Shakespeare's unrivaled reputation. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
Every Spring

ENG 23 Milton
Together with Chaucer and Shakespeare, Milton is one of the three giants of English literature. He is perhaps more challenging than the other two to readers in this century because he deals directly with a wealth of cultural and religious knowledge that is no longer familiar to the educated reader in the way he could expect it to be in his own day. And unlike the other major figures, he addresses an educated audience exclusively. Indeed, he has perhaps co-opted even the biblical heritage in some ways since his vision of the fall of the bad angels has become part of the popular imagination, supplanting the curious surrealism of the Book of Revelation itself. And he is the paramount influence in the subsequent history of poetry in English until Hopkins. Furthermore, he was a practical man of his age intimately involved with the political and religious upheavals of the tumultuous seventeenth century. He is among the earliest advocates of no-fault divorce, and he left a private theological work with a rationalist view of Scripture that is centuries ahead of its time.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

ENG 25 Major Figure
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. The course will focus on the author's philosophical preoccupations, thematic concerns, and ideological attitudes with the aim of providing a comprehensive understanding of his or her contribution to literature. May be taken more than once if the topic is different.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 28 Milton
This course is a close analysis of a body of literature bound together by a common factor or concern, for example comic literature, literature of the East, the middle class in society, the Industrial Revolution. This course may be taken more than once if topic duplication is avoided.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 35 Childhood and Literature
The class will read and discuss works of recognized literary quality which trace the development of a child or adolescent. In some cases the course will revisit works ordinarily read by pre-college students, and perhaps by the class members, to test the concept of altered reactions to and understanding of a work of literature over time. A typical series of readings for this course might include versions of fairy tales like "Cinderella" and "Beauty and the Beast"; classics of children's literature like J. M. Barrie's Peter Pan and Lewis Carroll's Alice in Wonderland; and contemporary works from the viewpoint of the child or adolescent narrator. This course fulfills the Self, Society, and Ethics thematic cluster requirement in the core curriculum.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
Every Spring

ENG 36 Adolescent Literature
This course provides an overview of literature written for and about culturally diverse adolescents (young adults) and emphasizes literary, socio-cultural, and psychological approaches to texts, focusing particularly on adolescent identity development. Students will read and analyze adolescent literature in a variety of genres. Class sessions will include lectures, book discussions, and student engagement. This course fulfills the Self, Society, and Ethics thematic cluster requirement in the core curriculum.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 47 Literary Forms and Genres
This course is a close analysis of a particular form or genre illustrated by literary works; for example, contemporary poetry, science fiction, the Gothic novel. This course may be taken more than once if topic duplication is avoided.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 48 Ideas and Themes in Literature
This course is a close analysis of a body of literature bound together by a common factor or concern, for example comic literature, literature of the East, the middle class in society, the Industrial Revolution. This course may be taken more than once if topic duplication is avoided.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 63 The Literature of Memory
An interdisciplinary study of selected major literary texts that exemplify an array of memory events, both voluntary and involuntary. Readings include Rousseau's The Confessions, Proust's Combray, Woolf's To the Lighthouse, Faulkner's As I Lay Dying, Nin's Seduction of the Minotaur, Nabokov's Speak, Memory as well as selections from the poetry of Constantine Cavafy, André Breton, Octavio Paz and Jorge Borges in English translation. Efforts will be made to classify the kinds of recollection such writers demonstrate according to categories established by psychologists and neuroscientists. This course fulfills the Self, Society and Ethics thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

ENG 64 Crime, Guilt, and Atonement
Students in this course will explore the themes of crime, guilt, and atonement in various texts ranging from classical Greek tragedies to the early 21st-century novel. We will examine the power structures and underlying ideologies that produce various forms of crime and abuse of power and the impact on individual lives of these society-sanctioned ideas and practices. We will explore how imperialism, racism, totalitarianism, lassism, and/or sexism permeate and warp the hearts of otherwise decent human beings until they themselves commit acts of oppression—acts which cry out for atonement. This course fulfills the Self, Society, and Ethics thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion
### ENG 68 Approaches to the Study of Myth
This course will acquaint students with various approaches to myth (including the popular, literary, psychological, folkloric, and anthropological) and the theoretical conflicts and overlaps that exist among disciplines. Students will examine past and current trends in the study of mythology and consider the relevance of myth for ancient as well as contemporary peoples. Selected myths, legends, and folktales from within and outside of the Indo-European group will be considered. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

**Prerequisite of ENG 10 required for all English majors.**

**Credits:** 3  
**On Occasion**

### ENG 69 Fiction into Film
Students in this course will explore the transformation of various literary works—most of the stories or novellas—into film. We will analyze these works to examine their most important elements, their point of view, and crucial scenes that must be transferred directly to the film if the director is to fully capture the meaning, tone, and ambiance of the fiction. Students will develop their critical faculties when reading fiction and watching films. We will analyze why the director, the screenwriter, and the cinematographer have made the changes they have. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.

**Prerequisite of ENG 10 required for all English majors.**

**Credits:** 3  
**On Occasion**

### ENG 85 Disciplinary Literacy in English
The course shows students the special ways of looking at humanistic texts and gives them the skills to communicate to others fundamental concepts of reading, writing, listening, and speaking in the humanities. Students will learn such things as how to understand and interpret the presentation of abstract ideas, and to interpret and explain the nature of textual evidence.

**For Senior English majors including those in education programs.**

**Credits:** 3  
**Every Fall and Spring**

### ENG 90 Readings in English
This course involves independent study of directed readings culminating in a substantial writing project. This is not a regular classroom course. A student must arrange through the Department Advisor to work with a particular faculty member before registering for this course.

**Prerequisites of ENG 1 & 2, senior status and permission of Dept are required.**

**Credits:** 1  
**On Occasion**

### ENG 95 Independent Study
This independent study research course is taken under the guidance of a professor of English with the approval of the department chairperson. Its purpose is to provide an in-depth exploration of a unique topic, an author or a theme that is not among current course offerings. It may be taken more than once if content is different.

**Prerequisite of ENG 10 required for all English majors.**

**Credits:** 3  
**On Occasion**

### ENG 99 Research in English
This course is a coordinated program of readings, conferences, and research, culminating in a written thesis of approximately 4,000 words. This is not a regular classroom class. A student must arrange through the Department Chair to work with a particular faculty member before registering for this course. Can be combined with ENG 90 for a 3-credit reading course.

**Prerequisite of Senior standing is required.**

**Credits:** 2  
**On Occasion**

### ENG 100 Seminar in English
Small groups of students meet to discuss, analyze, do research on, and report orally and in papers read before the group on selected topics in literature. Topics chosen each term by the instructor. This course may be taken more than once if content is different.

**Prerequisite of ENG 10 required for all English majors.**

**Credits:** 3  
**On Occasion**

### ENG 101 Internship
This is a career-oriented course with placement and supervised work in a professional setting in law, publishing, public relations, or the like to provide direct practical experience in the application of skills from academic course work. This course is not a regular classroom course. A student will usually have completed EEE 1. A student must arrange through the Department Chair to work with a particular faculty member before registering for this course.

**Prerequisite of ENG 10 required for all English majors.**

**Credits:** 3  
**On Occasion**

### ENG 102 Literatures of Africa
The decolonization of Africa was accompanied by the development of a diverse body of national literatures focused upon the struggle for liberation from European control as well as the problems engendered by political independence. Through a close reading of several novels representative of distinct African cultures in confrontation with English, French, and Belgian imperialism, we will explore the struggle of former colonies to rediscover their cultural roots and assess the far-reaching impact of colonial domination on African lives. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

**Prerequisite of ENG 10 required for all English majors.**

**Credits:** 3  
**On Occasion**

### ENG 106 Sexualities and Literature
This course surveys the ways in which the field of literature has addressed the theme of sexualities. The course will consider the special concerns and issues of marginalized groups and their representations in literature from the ancient to the modern period. The instructors are free to choose topics relevant to the course that best suit their background and expertise. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

**Prerequisite of ENG 10 required for all English majors.**

**Credits:** 3  
**On Occasion**

### ENG 138 Gender, Sexuality and Literature
Gender and sexuality are - and always have been - culturally constructed. Literature plays an important role in exploring how gender has been constructed historically, and certain seminal texts have themselves caused cultural shifts in what these terms mean. To serve as a foundation, this course will consider a range of theoretical approaches, from psychoanalysis to queer studies to performance studies and beyond.

**Prerequisite of ENG 10 required for all English majors.**

**Credits:** 3  
**On Occasion**

### ENG 141 The Literature of the Working Class
Since the invention of capitalism three centuries ago, workers have been writing and telling stories about their experiences. The industrial proletariat, slaves, unskilled workers, and unpaid domestic laborers have generated a rich literature addressing their struggle to live, express themselves and find happiness. Through the examination of a wide range of genres that include fiction, drama, poetry, music, folk tales, memoirs and manifestos, this course will explore the experience of workers in the industrial world across a wide variety of cultures. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

**Prerequisite of ENG 10 required for all English majors.**

**Credits:** 3  
**On Occasion**
ENG 142 Leadership and Literature
Through its ability to dramatize questions of character as they manifest themselves in moments of crisis, literature illustrates the importance of self-knowledge in fair-minded and effective leadership. This course explores themes such as rigidity and flexibility in decision-making, responsibility, the development and implementation of a vision, ethics, motivating others, the use, and abuse of language, and the tendency toward narcissism inherent in the exercise of power. Each work will be examined for the way it dramatizes leadership in action. This course fulfills the Self, Society, and Ethics thematic cluster requirement in the core curriculum.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 144 Empathy and the Human Imagination
This course will explore how the literary imagination understands and depicts transformations in the human personality that lead to the development of empathy. We will examine the relationship of such transformations to the effects of political power as well as the conditions under which empathy might flourish. We will explore a number of questions related to empathy including the role that empathy might play in the development of non-hierarchical perspectives on the poor and marginalized in society and the way the literary imagination links both empathy and its absence to the condition of being an outsider. This course fulfills the Perspectives on World Cultures cluster requirement in the Core Curriculum.
Prerequisites of ENG 1 and ENG 2 are required.
Credits: 3
On Occasion

ENG 147 American Vampires
This course explores the evolution of the vampire myth in twentieth-century America. Whether through their ageless beauty, worldly sophistication, or base savagery, vampires have captivated and terrified the Western imagination since the late 1800s. They have proven to be a compelling vehicle for examining cultural anxieties about age, gender, sexuality, race, consumerism, and the act of consumption itself. They have also been used to challenge institutional power structures that marginalize and oppress people. Along with their indeliriable appetites, the power of these creatures also represents powerful capitalistic interests and social structures that exploit harmful social, racial, gender, and sexual hierarchies. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

ENG 149 American Rebels
This course introduces students to a variety of literary genres, including short fiction, poetry, drama, and screenwriting, and helps them develop the analytical and technical skills to be better readers, writers, and critics. The lecture/workshop format of the course is designed to help students recognize that good writing and reading is a process. Students will be given numerous exercises on character, dialogue, plot. By studying established writers, readers, writers, and critics. The course examines the "Jazz Age," a term coined by F. Scott Fitzgerald to designate the 1920s as a rowdy decade of parties, social rebellion, sexual freedom, and creative energy. Literature participated in and responded to the changes taking place in time, providing rich insight into a decade marked by the achievement of women's suffrage, the National Prohibition, and a burst of prosperity that, despite its cultural prominence, did not reach all American citizens and could not compensate for post-World War I trauma. This course fulfills the Self, Society, and Ethics thematic cluster requirement in the core curriculum.

ENG 150 Break Shows and the Modern American Imagination
The freak show was one of the most popular forms of entertainment in American culture between 1840 and 1940. Audiences flocked to see human exhibits featuring dog-faced boys, Siamese Twins, giants, dwarfs, hermaphrodites, and savage cannibals. Today, only remnants of these shows can be found in museums and state fairs, yet the freak show continues to have a powerful impact on contemporary literature and art. Why? How do these texts use freak shows and the freakish body to address social anxieties about difference? How do these images critique racial hierarchies and heterosexual norms in American culture?
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 152 The American Novel
This course traces the development of the novel in America from the late eighteenth century to the present that makes these works "American." How do they portray social, economic, and ethnic hierarchies in the United States? How do they wrestle with the failures of America's promise to offer all its citizens' freedom and equality? After considering some of the earliest examples of American novels, we will study writers such as James Fenimore Cooper, Herman Melville, Harriet Beecher Stowe, Henry James, William Faulkner, Vladimir Nabokov, Ralph Ellison, Toni Morrison, Don DeLillo, and Philip Roth.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
Every Fall

ENG 154 Survey of American Writers to the Civil War
This course examines works representative of various movements within American literary-intellectual history including the poetry and personal narratives of the Puritans, the satires and the autobiography of Benjamin Franklin, as well as the slave narrative of Olaudah Equiano. We then address the romantic writings of Emerson, Fuller, Thoreau, and Whitman. Finally, we see how other American writers used Gothic motifs to represent their attitudes toward some of the earlier literary, philosophical, religious, social, and political traditions.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 155 The American Poets and the Civil War
This course examines the American poets and the Civil War. We will read these poets in a historical context, as part of a literary movement that was trying to make sense of a world in which many Americans were killing each other. We will read poems and their contexts, and we will also read books about the writing of these poems. We will consider the relationship of poetry to the public and private worlds, and the ways in which poetry can express the private and public worlds of a particular time and place.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion

ENG 156 American Rebels
This course fulfills the Self, Society, and Ethics thematic cluster requirement in the core curriculum.

ENG 158 American Rebels
This course explores the evolution of the vampire myth in twentieth-century America. Whether through their ageless beauty, worldly sophistication, or base savagery, vampires have captivated and terrified the Western imagination since the late 1800s. They have proven to be a compelling vehicle for examining cultural anxieties about age, gender, sexuality, race, consumerism, and the act of consumption itself. They have also been used to challenge institutional power structures that marginalize and oppress people. Along with their indeliriable appetites, the power of these creatures also represents powerful capitalistic interests and social structures that exploit harmful social, racial, gender, and sexual hierarchies. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

ENG 159 American Rebels
This course introduces students to a variety of literary genres, including short fiction, poetry, drama, and screenwriting, and helps them develop the analytical and technical skills to be better readers, writers, and critics. The lecture/workshop format of the course is designed to help students recognize that good writing and reading is a process. Students will be given numerous exercises on character, dialogue, plot. By studying established writers, readers, writers, and critics. The course examines the "Jazz Age," a term coined by F. Scott Fitzgerald to designate the 1920s as a rowdy decade of parties, social rebellion, sexual freedom, and creative energy. Literature participated in and responded to the changes taking place in time, providing rich insight into a decade marked by the achievement of women's suffrage, the National Prohibition, and a burst of prosperity that, despite its cultural prominence, did not reach all American citizens and could not compensate for post-World War I trauma. This course fulfills the Self, Society, and Ethics thematic cluster requirement in the core curriculum.

ENG 160 American Rebels
Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 3
On Occasion
essay, on the other hand, relies on the subjectivity of an enquiring persona that tentatively explores questions and ideas. In this class, we will consider the value of this latter sensibility and how to cultivate it in our writing. This course fulfills the Self, Society, and Ethics thematic cluster requirement in the core curriculum.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3
On Occasion

ENG 184 Writing and Healing
This creative nonfiction class uses the recent scholarship examining the connection between psychological/social/physical healing and the creation of meaning that occurs through the writing process to help students explore the therapeutic dimension of storytelling for both writer and audience and to craft narratives in which painful experiences, including physical illness, become meaningful on both personal and social levels. This course fulfills the Self, Society, and Ethics thematic cluster requirement in the core curriculum.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3
On Occasion

ENG 186 Writing in a Digital Age Multimodal Rhetoric and Composition
This course will explore the theories of multimodality and give students experience composing in online, digital, and multimodal environments. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3
On Occasion

ENG 187 Editing and Professional Writing
This course in professional writing and editing will explore the options for making writing accessible to an audience by exploring a number of genres for publication. The emphasis of the course will be on experiential learning and "real world" publishing contexts. Students will be introduced to technologies, options, and processes of copyediting with an emphasis on rhetorical choice, as well as strategies in document format and design. The course will follow a workshop format and will guide students through the process of taking a significant piece of writing through all the stages of design to copy-editing and publication.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3
On Occasion

ENG 188 Writing in the Workplace: The Rhetoric of Professional Communication
Students will learn the differences as well as overlaps between academic writing and writing in the workplace as well as rhetorical principles of purpose, audience, and context in communication. In particular, students will study the way ethos is established through word choice and/or document design and the importance of this principle in effective communication. Students will learn and demonstrate their understanding of this rhetoric by composing in a variety of "professional" genres, such as emails, memos, resumes, reports, and brochures. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3
On Occasion

ENG 189 Experimental Fiction Writing
With the rise of digital humanities and the popularity of graphic novels as vehicles of fiction and memoir, fiction writing continues to push on the boundary of what it means to tell a story. This course will continue to foreground the important of character, conflict, and the craft of fiction writing, while simultaneously opening up a space for experimentation with form, hyperlinking, and the inclusion of sound and image. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3
On Occasion

ENG 192 Technical Writing
Technical writing and technical communication are sometimes defined as acts of writing that accomplish a specific task whether that task involves composing a tutorial or set of instructions, redesigning a website, reporting on data collected about a problem, or describing an art exhibition to the public. Technical writing involves a heightened sense of audience, rhetorical purpose, design usability/accessibility, and style. In this course, students will practice composing for different situations, audiences, and modes of delivery, as well as assessing popular examples of technical writing.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3
On Occasion

ENG 193 The Young Adult Novel
The young adult novel has emerged as a dominant force in twenty-first-century publishing. With the help of highly successful film adaptations, these books have both captivated teenage audiences and

ENG 207 Theories of Academic Literacy
This seminar focuses on alternative theories of reading, writing, and literacy to prepare writing tutors. This course will also examine definitions of intellectual work in various disciplines as well as the
literacy needs of students from a range of cultures, language backgrounds, and life experience.

Pass/No Pass grading only.
Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.
Credits: 0
Every Fall and Spring

ENG 284 Drama Writing
Through a series of varied weekly playwriting exercises, this course aims to acquaint students with the range of dramaturgical demands placed on the working playwright. Each is gradually more complex in both length and dramatic situations, eventually leading to a multi-character piece. Each piece is given a roundtable reading in which every student participates, and several students will have the opportunity to have their work "performed" through moved readings. This course may be taken more than once if the topic is different. Prerequisites of ENG 1, 2, & 182 are required.
Credits: 3
On Occasion

ENG 303 World Literature I - Honors Core
This course is an Honors version of the same material covered in ENG 7 with additional writing assignments. Students who have taken ENG 303 may not take ENG 7. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum or may be used as the equivalent of ENG 1.
Student must be in Honors College.
Not open to students who have taken ENG 8.
Credits: 3
Every Spring

ENG 359 The Invention of Laughter
This multidisciplinary course examines the causes and nature of "comedy" from Aristophanes to Stephen Colbert, from ancient Greek drama to late night television monologues. Its main goal is to explore how, although laughter is a universal phenomenon, intrinsic to human nature, with physiological origins, its sources are also deeply rooted in culture. Students will be asked to assess a wide variety of cultural objects to begin to chart their own interpretation of the source and uses of this physiological expression of pleasure. They will also draw on critical sources from physiology, anthropology, sociology, and literature to assess these laughing matters. Prerequisites of at least Sophomore status, Honors College, and ENG 1 & 2 are required.
Credits: 3
On Occasion

SST 1 Reading and Interpretation
This course helps students develop reading comprehension and academic writing with emphasis on the writing process, library research, and accessing newer forms of information technology. Not for English major credit. There are special sections for non-native speakers.
Pass/No Pass option is not available.
Credits: 3
Every Fall and Spring

SST 1P Reading and Interpretation
Same as SST 1. For international students.
No Pass/No Pass option available.
Credits: 3
Every Fall and Spring

Chinese Courses

French Courses

FRE 1 Elementary French I
This course covers the essentials of French structure, simple oral expression and writing. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
Every Semester

FRE 2 Elementary French II
This course is a continuation of French 1. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of FRE 1 with a C- or better or the equivalent is required.
Credits: 3
Every Semester

GER 7 Introduction to German Culture
This course presents the basic elements of German culture through an introduction to German language, literature, music, theater, and history. Given in English.
Credits: 1.50
On Occasion

GER 8 Reading German Fluently
This course is intended for students who wish to acquire a thorough reading knowledge of German in order to pass master's or doctoral language qualifying examinations or to read German texts. A thorough introduction to German grammar is presented.
Greek Courses

GRK 1 Elementary Classical Greek I
This course covers the foundations of Greek grammar, stressing vocabulary, simple sentence building and the reading of elementary prose. Greek cultural heritage in language and literature is considered.
Credits: 3
On Occasion

GRK 2 Elementary Classical Greek II
Greek grammar, more complicated sentence structure, broadening of vocabulary and reading of graded text of Xenophon's Anabasis. Antiquities are covered.
Prerequisite of GRK 1 is required.
Credits: 3
On Occasion

Italian Courses

ITAL 1 Elementary Italian I
This course covers the essentials of Italian structure, simple oral expressions, and writing. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall, Spring and Summer

ITAL 2 Elementary Italian II
This course is a continuation of Italian 1. Selected readings are from simple texts. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of ITAL 1 with a C- or better grade or the equivalent is required.
Credits: 3
Every Fall, Spring and Summer

ITAL 3 Intermediate Italian I
This course is a review of structure, practice in oral expression, writing and select readings of short works from modern authors. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of ITAL 2 with a C- or better grade or the equivalent is required.
Credits: 3
Every Fall

ITAL 4 Intermediate Italian II
This course emphasizes reading Italian original prose and reviewing major problems in structure, composition, intensified oral expression. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of ITAL 3 with a C- or better grade or the equivalent is required.
Credits: 3
Every Spring

ITAL 8 Beginning Italian Conversation I
These courses are recommended for non-majors. Each course provides conversational adequacy in the Italian needed frequently for social and everyday situations and a knowledge of the basic vocabulary needed for conversation.
Credits: 1.50
On Occasion

Japanese Courses

JPN 1 Elementary Japanese I
This course covers the essentials of Japanese structure, simple oral expressions and writing. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall

JPN 2 Elementary Japanese II
This course is a continuation of Japanese 1. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of JPN 1 with a C- or better grade or the equivalent is required.
Credits: 3
Every Spring

JPN 3 Intermediate Japanese I
This course is a review of structure, practice in oral expression, writing and selected readings. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of JPN 2 with a C- or better grade or the equivalent is required.
Credits: 3
Every Fall

JPN 4 Intermediate Japanese II
This course emphasizes readings in Japanese civilization and culture and includes a review of major problems in structure and composition in addition to intensified oral expression. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of JPN 3 with a C- or better grade or the equivalent is required.
Credits: 3
Every Spring

JPN 11 Introduction to Japanese Literature I
This course surveys the literature of Japan from its origins to the present day.
Prerequisite of JPN 4 with a C- or better grade or the equivalent is required.
Credits: 3
Every Spring

JPN 12 Introduction to Japanese Literature II
This course surveys the literature of Japan from its origins to the present day.
Prerequisite of JPN 4 with a C- or better grade or the equivalent is required.
Credits: 3
Every Spring

Linguistics Courses

LIN 21 Middle Egyptian
This course is an introduction to Middle Egyptian, which was the language spoken by the ancient Egyptians during the Middle Kingdom (2240-1740 B.C.). The course emphasizes written language. Students learn to write hieroglyphs as well as how to translate hieroglyphic inscriptions.
Credits: 3
On Occasion

LIN 31 Computational Linguistics
This course surveys modern linguistic theories that have led to contemporary efforts to build computer models for human linguistic processing.
Credits: 3
On Occasion

LIN 91 Problems in European Linguistic Geography
This course is a study of the linguistic map of Europe; the linguistic and dialect map of each country and linguistic border readjustments; linguistic resettling; linguistic-political alignments, etc. A free elective for all majors and especially recommended for History, Political Science and all language majors.
Credits: 3
On Occasion

Russian Courses

RUS 1 Elementary Russian I
This course covers the essentials of Russian for a knowledge of reading, conversation and an appreciation of culture. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall

RUS 2 Elementary Russian II
This course is a continuation of Russian 1. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Prerequisite of RUS 1 with the equivalent is required.
Credits: 3
Every Spring

RUS 3 Intermediate Russian I
This course is a review of structure, practice in oral expression and writing and selected readings. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

Prerequisite of RUS 2 or the equivalent is required.

Credits: 3
Every Fall

RUS 4 Intermediate Russian II
This course is a continuation of Russian 3. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

Prerequisite of RUS 3 or the equivalent is required.

Credits: 3
Every Fall

RUS 7 Introduction to Russian Culture
This course presents the basic elements of Russian culture through an introduction to Russian language, music, theatre and history.

Given in English.
Credits: 1.50
On Occasion

RUS 8 Introductory Russian Conversation
This course covers vocabulary, expressions and oral practice needed to deal with practical situations in Russian speaking countries. Limited to students with no Russian-speaking ability.

Credits: 1.50
On Occasion

RUS 24 Intensive Conversation and Creative Writing I
In this course, the emphasis is to acquire fluency in speaking and reading Russian.

Prerequisite of RUS 2 or the equivalent is required.

Credits: 3
On Occasion

RUS 25 Intensive Conversation and Creative Writing II
This course is a continuation of Russian 24. Prerequisite of RUS 3 or 24 are required.

Credits: 3
On Occasion

RUS 30 Russian Culture and Civilization (Ancient-1917)
This course emphasizes the philosophical movements that have influenced the character of Russian culture and civilization.

Given in English.
Credits: 3
On Occasion

RUS 31 Russian Culture and Civilization (1917 to Present)
This course is a topical study of the former USSR: its system, people, culture, and the development of civilization in the region.

Credits: 3
On Occasion

RUS 38 New Voices in Russian Literature
This course concentrates on the writers, the literary trends and the criticism of the post-Stalinist period, emphasizing the currents of the 1960s through the present. A free elective for all majors.

Same as WLT 38.
Given in English.
Credits: 3
On Occasion

RUS 47 Russian Literature from 1917-Present
This course surveys Russian literature and its development in the 20th century. Lectures and readings include major authors such as Blok, Mayakovskiy, Babel, Bulgakov, Sholokhov, Zamiatin, Pasternak, Yevtushenko, Voznesenski, and Solzhenitsyn.

Same as WLT 47.
Given in English.
Credits: 3
On Occasion

RUS 49 Tolstoy
This course is an analysis of Tolstoy’s works on a structural and thematic basis that includes the author’s theories on art, literature, history, philosophy and religion. A free elective for all majors.

Same as WLT 49.
Given in English.
Credits: 3
On Occasion

Spanish Courses

SPA 1 Elementary Spanish I
This course covers the essentials of Spanish structure, simple oral expression, and writing. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

Credits: 3
On Occasion

SPA 2 Elementary Spanish II
This course is a continuation of Spanish 1. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

Prerequisite of SPA 1 with a C- or better grade or the equivalent is required.

Credits: 3
Every Fall, Spring and Summer

SPA 3 Intermediate Spanish I
This course is a review of structure, a practice in oral expression and writing, selected readings of short works from modern authors. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

Prerequisite of SPA 2 with a C- or better grade or the equivalent is required.

Credits: 3
Every Fall and Spring

SPA 4 Intermediate Spanish II
This course has an emphasis on readings in Hispanic civilization and culture and a review of major problems of structure, composition and intense oral expression. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

Prerequisite of SPA 3 with a C- or better grade or the equivalent is required.

Credits: 3
Every Fall and Spring

SPA 7 Introduction to Spanish Culture
This course presents the basic elements of Spanish culture through an introduction to Spanish language, music, theatre and history.

Given in Spanish.
Credits: 1.50
On Occasion

SPA 8 Introductory Spanish Conversation
This course covers vocabulary, expressions and oral practice needed to deal with practical situations in Spanish speaking countries. Limited to students with no Spanish-speaking ability.

Credits: 1.50
On Occasion

SPA 11 Introduction to Peninsular Literature
This course emphasizes the readings of several works by Spanish authors. Stress is placed on vocabulary building, oral expression and comprehension.

Given in Spanish.
Prerequisite of SPA 4 with a C- or better grade or the equivalent is required.

Credits: 3
On Occasion

SPA 15 Spanish Medical Terminology and Conversation 1
This course provides students with the language tools to offer health services to Hispanic patients in their language and their culture. It will focus on speaking, listening, writing and reading skills, and the application of the Spanish medical terminology.

A prerequisite of SPA 3 or equivalent Students are encouraged to take one of two courses on Medical Terminology in English, either HIM 52 or RDT 120.

Credits: 3
On Occasion

SPA 16 Spanish Medical Terminology and Conversation 2
This course provides students with the language tools to offer health services to Hispanic patients in their language and culture. Students will develop superior language skills and cultural competences, and will also broaden their understanding of the
evolution of medicine in Latin America. A pre requisite of SPA 3 or equivalent Students are encouraged to take one of two courses on Medical Terminology in English, either HIM 52 or RDT 120.

Credits: 3
On Occasion

SPA 17 Business Culture and Conversation in Spanish
This course concentrates on speaking and listening skills to help advanced intermediate students articulate more sophisticated ideas in a Spanish business setting. Students apply grammatical structures and incorporate idiomatic expressions and terminology related to accounting, economics, finance, marketing, and other business subjects in conversation in business and cultural scenarios.

Credits: 3
On Occasion

SPA 18 Business Culture, Reading and Writing in Spanish
This course offers intensive grammar study, reading techniques and further written practice to enable advanced intermediate students to express more complex ideas in a Spanish business setting. Through immersion in Hispanic culture, students become familiar with business etiquette and its historical evolution in order to work and conduct business cross-culturally.

Credits: 3
On Occasion

SPA 23 Advanced Spanish Grammar and Composition I
This course is an in-depth review of Spanish grammar and syntax through review exercises, writing and composition.
Prerequisite of SPA 4 with a C- or better grade or the equivalent is required.

Credits: 3
On Occasion

SPA 24 Advanced Spanish Grammar and Composition II
This course is an in-depth review of Spanish grammar and syntax with special emphasis on the use of present and past subjunctive. The course focuses on sentence structure, stylistics and composition. SPA 24 may be taken before SPA 23.
Prerequisite of SPA 4 with a C- or better grade or the equivalent is required.

Credits: 3
On Occasion

SPA 25 Advanced Spanish Conversation
This is an intensive oral practice and expression course with oral reports on assigned topics, vocabulary expansion and a study of the basic phonetics of Spanish.

Credits: 3
On Occasion

SPA 26 Culture and Civilization of Spain
In this course, the most important aspects of culture and civilization in Spain are covered. The Spanish impact on world cultures, folklore, salient issues and problems from the period of the Spanish Civil War to the present are considered in this course.
Given in Spanish.
Prerequisite of SPA 4 with a C- or better grade or the equivalent is required.

Credits: 3
Annually

SPA 27 Culture and Civilization of Hispanic America
The culture and civilization of Hispanic America from the Columbian period to the present are covered in this course. Folklore, contemporary issues and problems are considered. SPA 27 may be taken before SPA 26.
Given in Spanish.
Prerequisite of SPA 4 with a C- or better grade or the equivalent is required.

Credits: 3
On Occasion

World Literature Courses

WLT 20 Short Works of Russian Literature
This course analyzes short readings by major Russian authors such as Pushkin, Tolstoy, Dostoevsky and Solzhenitsyn with emphasis on how foreign language influences literature and culture.
Given in English.
Credits: 1.50
On Occasion

WLT 21 Short Works of French Literature
This course analyzes short readings by major French authors such as Balzac, de Maupassant, Moliere and Camus with emphasis on how foreign language influences literature and culture.
Given in English.
Credits: 1.50
On Occasion

WLT 27 The Making of the Superhero
This course is an analysis of the development of the superhero in world literature. The course focuses on heroes from ancient times and futuristic worlds and the author's theories on art, literature, philosophy, and religion. A free elective for all majors.
Same as RUS 47.
Given in English.
Credits: 3
On Occasion

WLT 39 Horror in Literature
This course surveys Russian literature and its development in the 20th century. Lectures and readings include major authors such as Blok, Mayakovsky, Babel, Bulgakov, Sholokhov, Zamirot, Pasternak, Voznesenski, and Solzhenitsyn.
Same as RUS 47.

Given in English.
Credits: 3
On Occasion

WLT 42 Contemporary Hebrew Literature
This course surveys Russian literature and its development in the 20th century. Lectures and readings include major authors such as Blok, Mayakovsky, Babel, Bulgakov, Sholokhov, Zamirot, Pasternak, Voznesenski, and Solzhenitsyn.
Same as RUS 47.

Given in English.
Credits: 3
On Occasion

WLT 47 Russian Literature from 1917-Present
This course surveys Russian literature and its development in the 20th century. Lectures and readings include major authors such as Blok, Mayakovsky, Babel, Bulgakov, Sholokhov, Zamirot, Pasternak, Voznesenski, and Solzhenitsyn.
Same as RUS 47.

Given in English.
Credits: 3
On Occasion

WLT 55 French Literature of the 17th, 18th and 19th Centuries
This course covers French literature and its development from the 17th through the 19th century. Lectures and readings include major trends and authors such as La Fontaine, Corneille, Racine, Moliere, Pascal, Voltaire, Rousseau, Balzac, Zola, Flaubert, Stendhal, Dumas pere, Hugo and Baudelaire.
Same as FRE 55.

Given in English.
Credits: 3
On Occasion

WLT 56 French Literature of the 20th Century
This course surveys French literature and its development in the 20th century. Lectures and readings include major trends and authors such as
PHI 8 Introduction to Philosophy
Philosophy asks fundamental questions about the meaning and purpose of life, truth, morality, social justice, the existence of God, the nature of beauty, etc. This course introduces students to such questions through an encounter with the ideas of some of the greatest philosophers in history. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall, Spring and Summer

PHI 9 Business Ethics
The key question addressed within this course is: what responsibilities or duties do companies and their employees have to society as a whole? Studies have shown that unethical business practices increase the risk of scandal, harm sales, and worsen productivity. But these only give us purely selfinterested reasons to do business ethically. This course demonstrates that we both can and must do business in a manner that exemplifies such virtues as responsibility, trustworthiness, respect, and good citizenship. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 10 Business Ethics
This course introduces students to aesthetics, the branch of philosophy concerned with these questions, through an exploration of both the ideas of major philosophers, and of different art forms including music, dance, painting, and sculpture. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 11 Ethics, War, and Terrorism
Is it possible to fight a just war, or does war always involve us in immorality? Is lasting peace possible, or is conflict a necessary (and possibly beneficial) feature of the human condition? What kinds of ethical issues are raised by contemporary war technology (unmanned drones, for example)? This course examines these and other philosophical questions, in relation to recent events. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 12 Ethics, War, and Terrorism
This course examines the central issues of social and political philosophy. Topics may include the legitimacy of the state, political power and personal freedom, peace and social justice, the concept of human rights, civil disobedience, and revolution. Representative authors include Aristotle, Alfarabi, Locke, Rousseau, Marx, Dewey, Camus, Rawls. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 13 Ethics and Society
What does it mean to be a good person? What are our ethical obligations to other individuals and to society as a whole? Is there such a thing as moral truth, or is morality "relative" to individuals or societies? This course is an introduction to ethics, the branch of philosophy that addresses such questions. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 14 Introduction to Critical Reasoning
This is a course in how to reason well, and think critically. Students will learn to identify arguments in actual sources. Substantial attention will be devoted to methods of critiquing arguments, constructing sound arguments and spotting and avoiding common reasoning fallacies. The course treats the basic elements of both deductive and inductive reasoning, as well as topics as reasoning about causality, using statistics in argument, and constructing definitions.
Credits: 3
On Occasion

PHI 15 Introduction to Critical Reasoning
This course introduces students to aesthetics, the branch of philosophy concerned with these questions, through an exploration of both the ideas of major philosophers, and of different art forms including music, dance, painting, and sculpture. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion
PHI 25 The Birth of Philosophy in the Ancient World
An introduction to classical Greek philosophy, the pre-Socratics, Plato, Aristotle, and others. The ideas of these thinkers are among the most exciting in the history of philosophy and lie at the foundation of Western culture itself. This course demonstrates that their writings are as relevant to life today as they were two thousand years ago. The philosophers studied in this course challenge our commonsense perceptions of reality, and our views about the good life and the good society. This course makes an ideal historical introduction to philosophy. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall

PHI 26 Origins of Modern Philosophy
This course explores the roots of modern thought, through an encounter with philosophers such as Descartes, Leibniz, Hume, and Kant. The attitudes we find in today’s world have their roots in the ideas of early modern philosophers. In studying modern philosophy, therefore, we are really seeking to understand ourselves. The purpose of this course is to discover the origins of modern ideas – and to gain some critical distance from them. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
Every Spring

PHI 27 Philosophy of History
Is history just a contingent series of events, or does it exhibit a rational order? What moves history? Is it economics, or the clash of belief systems, or the clash of nation-states, or the clash of ideas, or some combination of these factors? What are the causes of war? What is the purpose of war? This course explores these and other issues, touching on current controversies and perennial questions. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 28 Environmental Philosophy
Environmental philosophy challenges the fundamental assumptions modern people have made about nature, and their relationship to nature. Representative topics include western and non-western views of nature, beneficial vs. exploitative uses of technology, conservation ethics, obligations to future generations and animal rights. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 29 Dreams and the Philosophy of the Unconscious
Do our dreams reveal important truths to us, in symbolic form? Are they messages from the unconscious telling us something about problems in our lives, repressed desires, and the path to self-knowledge? This course covers the ideas of Western and non-Western thinkers but centers on the philosophical psychologies of Freud and Jung and their philosophical critiques. Special attention is devoted to the great impact that dreams and dream imagery have had on the arts, including poetry, painting (e.g., surrealism), film, and music. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 30 Philosophy and Film
This course introduces students to philosophical issues through the medium of film. Throughout the semester, students will watch a number of films which deliberately raise provocative philosophical questions, or which can be interpreted philosophically. Short readings by important philosophers will be assigned in conjunction with each film. Attention will be devoted to how films can convey ideas through such means as dialogue, cinematography, and set design. Of particular interest to film majors and other students in the visual and performing arts. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 31 Philosophies of Love and Sex
Why is romantic love depicted as so desirable, when in fact it often tragic and painful? Why is it that so many relationships today fail to last? This course examines the nature and meaning of love and human sexuality. It covers the ideas of major philosophers, as well as psychoanalysts, writers, filmmakers, and artists. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 32 Recent Philosophy
This course surveys a number of exciting areas of twentieth-century philosophy, and their roots in the philosophical movements of the last century. Representative topics include: philosophy of consciousness, philosophy of neuroscience, feminism, philosophy of the body, so-called “postmodern” philosophy, “neopragmatism,” and the phenomenological movement. These and other recent philosophical trends continue to have a major impact on politics and public policy, literature, film, fiction, and the social sciences. This course places students at the cutting edge of philosophy today.

PHI 33 Philosophy and Film
This course introduces students to philosophical issues through the medium of film. Throughout the semester, students will watch a number of films which deliberately raise provocative philosophical questions, or which can be interpreted philosophically. Short readings by important philosophers will be assigned in conjunction with each film. Attention will be devoted to how films can convey ideas through such means as dialogue, cinematography, and set design. Of particular interest to film majors and other students in the visual and performing arts. This course fulfills the Creativity, Media, and the Arts thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 34 Philosophies of Love and Sex
Why is romantic love depicted as so desirable, when in fact it is often tragic and painful? Why is it that so many relationships today fail to last? This course examines the nature and meaning of love and human sexuality. It covers the ideas of major philosophers, as well as psychoanalysts, writers, filmmakers, and artists. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 35 Justice
What does it mean to speak of a “just society”? What are rights, and how do we know that we have them? What is law, and how are laws justified? This course explores these and other issues, touching on current controversies and perennial questions. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 36 Renaissance Philosophy: Humanism, Paganism, and Magic
This course focuses upon the philosophies inspired by the rediscovery of classical Greek and Latin learning in the Renaissance. This was the period that followed the Middle Ages, when the dogmatism of the Church often had a stifling effect upon science and philosophy. This course covers the humanist movement, as well as the “Hermetic” movement inspired by the rediscovery (in 1460) of the ancient “Hermetica,” a collection of philosophical and magical texts.
Credits: 3
On Occasion

PHI 37 Pragmatism: The American Philosophical Revolution
In today’s world, being “pragmatic” is often taken to mean a kind of cynical, ruthless opportunism. But this represents a complete distortion of what the term originally meant. This course focuses on the pragmatist movement, America’s greatest contribution to philosophy, from its first formations (C.S. Peirce, William James, John Dewey) to its most recent and creative reformulations (Cornel West, Richard Rorty).
Credits: 3
On Occasion

PHI 38 Zen Buddhism and Mindfulness
The mindfulness movement has grown from its base in Buddhism to its inclusion in training workshops for health care workers, teachers, therapists, and business professionals. Courses in Mindfulness-Based Stress Reduction (MBSR) are now offered in hundreds of locations across the United States. This course will explore different forms of mindfulness practices in Zen and Buddhist philosophy, their historical origins in China and Japan, and how they might be effective in improving both our professional and personal lives. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 39 Buddhism, Happiness, and the Compassionate Heart
Buddhist teachers state that everything comes from the mind, and if we train the mind properly, happiness will be the result. Recent research in neuroscience seems to support this claim. Drawing from both Buddhist philosophy and modern research, this course will explore the cultivation of happiness and compassion through Buddhist methods.
PHI 40 The Tao of Health, Sex, and Longevity: Chinese Philosophy in Daily Life
The Chinese philosophy of Taoism is a 5,000-year old tradition which integrates all aspects of daily life, including diet, breathing, exercise, healing – and even sex. Through a study of basic concepts such as yin and yang, the five elements, and the twelve meridian, this course will explore a completely different understanding of what it means to be a human being and how to lead a good life.
Credits: 3
On Occasion

PHI 42 The American Religious Imagination
This course explores the central religious ideas of the American philosophical and theological traditions, from the Puritan experience of the seventeenth century to the present. The role of literature and the arts (especially music, painting, and film) in the development of the American religious imagination will also be discussed. Other topics include traditions of unbelief; the relationship between science and religion; and the major spiritual voices of the contemporary United States.
Credits: 3
On Occasion

PHI 43 Philosophy and Song
Philosophy & Song introduces students to the activity of philosophy through the medium of song. We will begin by looking at contemporary songs in popular culture. From that attractive, familiar starting point, we will then work backwards towards the beginning of Western song in Homer. The primary goal will be for students to learn how to interpret the poetic images (vehicles) of songs, that is to say, to unearth their meanings (tenors). Philosophical themes investigated may include: the Greek trinity of the Beautiful, the True, & the Good; Individual Liberty; the Political; and Eros. We will listen to singers such as: Kanye West, Snoop Dog, Bob Dylan, Pink Floyd, Robert Johnson, Richard Wagner, Sophocles, and Homer. This course fulfills the Creativity, Media, and film) in the development of the American religious imagination will also be discussed. Other topics include traditions of unbelief; the relationship between science and religion; and the major spiritual voices of the contemporary United States.
Credits: 3
On Occasion

PHI 45 Secret Teachings: The Mystical Dimension of World Religion
Mysticism claims to be the inner truth of religion, accessible only to the very few. This course covers four mystical traditions: the Hindu, Jewish, Christian, and Islamic. Each is treated philosophically – as, in effect, alternative forms in which philosophical truths are conveyed, and the philosophical life can be lived. Selections from the Hindu Upanishads; writings of the Jewish Kabbalist; Christian mystics such as Meister Eckhart; writing of the Muslim Sufis.
Credits: 3
On Occasion

PHI 47 Philosophy of Mythology
Mythology has been defined as "other people's religion." This course examines a number of different mythological traditions – e.g., the Indian, Greek, and Germanic – and attempts to uncover the ideas encoded within them. The course also raises provocative philosophical questions about the nature of myth itself: Were myths consciously invented? If so, why did people believe in them?
This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
On Occasion

PHI 81 Advanced Tutorial in Philosophy
This course is an in-depth study of the major works of one or more important philosophers, or of a particular movement in the history of philosophy. It is an opportunity for students to, in effect, "design their own course": under the guidance of a professor, students will select the author(s) and readings to be covered. May be taken more than once if topics are different.
Prerequisite of 6 units of PHI or RPHL are required.
Credits: 3
Annually

PHI 100 Philosophical Issues
Each time this course is offered, it will concern itself with a different topic chosen by the instructor and announced in the Schedule of Classes. Specific course descriptions will be available from the Philosophy Department. This course may be repeated for credit only with the express approval of the chair.
Credits: 3
On Occasion

PHI 143 Philosophy and Song
Philosophy & Song introduces students to the activity of philosophy through the medium of song. We will begin by looking at contemporary songs in popular culture. From that attractive, familiar starting point, we will then work backwards towards the beginning of Western song in Homer. The primary goal will be for students to learn how to interpret the poetic images (vehicles) of songs, that is to say, to unearth their meanings (tenors). Philosophical themes investigated may include: the Greek trinity of the Beautiful, the True, & the Good; Individual Liberty; the Political; and Eros. We will listen to singers such as: Kanye West, Snoop Dog, Bob Dylan, Pink Floyd, Robert Johnson, Richard Wagner, Sophocles, and Homer.
Credits: 3
DEPARTMENT OF SOCIAL SCIENCES

The Department of Social Sciences includes three main disciplines:

**Political Science.** LIU Post's undergraduate degree programs in political science and international studies prepare students for success in a broad range of rewarding fields, including government, public service, law, education, and politics. Political Science and International Relations majors examine worldwide political systems, economic systems, and social organizations from a variety of perspectives. The Department of Political Science offers a B.A. in Political Science.

**History.** History courses offer excellent preparation for careers in teaching, law, journalism, business, and government service. History courses provide a broad grounding in historical knowledge and such vital skills as research, analysis, and writing. History faculty members teach a wide range of courses in American, European, and world history. We contribute to the B.S. in Adolescence Education: Social Studies.

**Sociology.** Undergraduate courses in sociology provide students with a practical basis for pursuing a diverse range of careers in both private and public sectors including law, education, social work, business, public administration, and many others.

For students interested in teaching social studies, the Department offers courses that are part of the B.S. in Adolescence Education: Social Studies. This degree leads to initial certification as a high school social studies teacher (Grades 7 to 12). Concentrations in American Studies, History, Political Science, Sociology, and Social Studies are also offered for students in the B.S. in Early Childhood Education (Birth to Grade 2) and B.S. in Childhood Education (Grade 1 to 6).

The Department is very active in placing students in internships, including full-time, paid positions in the New York State Assembly and Senate in Albany in the spring of the student's junior and senior years. Other internships are available to selected students in nonprofit agencies, historic sites, museums, law offices, with judges, and at the United Nations. Our department also offers an extensive Pre-Law Advisement Program to help students select a curriculum that prepares them for admission to law school.

**B.A. Political Science**

The Bachelor of Arts in Political Science is an individualized, interdisciplinary program designed for students interested in a liberal arts approach to the contemporary world. You will graduate from this program with a well-rounded knowledge of political theory, American government, international relations, comparative government, and public administration. Distinguished professors interact with their students in small class settings that foster the exchange of information, perspective, and ideas. The department of Social Sciences is home to the Pre-Law Advisor, who advises students on preparation for law school.

With its emphasis on critical thinking, a degree in Political Science is excellent preparation for a career in education, law, public administration, business, and many other fields. A Political Science degree is also an excellent choice for students who wish to continue on to law school after obtaining their undergraduate degree.

**B.A. Political Science**

*Program Code: 07088*  
*HEGIS: 2207.0*

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.A. Political Science must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum**  
32-33 credits

<table>
<thead>
<tr>
<th>Number</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>POST 101</td>
<td>First-Year Seminar</td>
<td>1 credit</td>
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<tr>
<td>Writing I</td>
<td></td>
<td>3 credits</td>
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<tr>
<td>Writing II</td>
<td></td>
<td>3 credits</td>
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<tr>
<td>Quantitative Reasoning</td>
<td></td>
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<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td></td>
<td>4 credits</td>
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<tr>
<td>Creativity, Media &amp; the Arts</td>
<td></td>
<td>3 credits</td>
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<tr>
<td>Perspectives on World Cultures</td>
<td></td>
<td>3 credits</td>
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<tr>
<td>Self, Society &amp; Ethics</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures (POL 2)</td>
<td></td>
<td>3 credits</td>
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<tr>
<td>Additional course from one cluster (POL 3)</td>
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<td>3-4 credits</td>
</tr>
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</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

**Major Requirements**

**Required Political Science Courses**

All of the following:

<table>
<thead>
<tr>
<th>Number</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>POL 2</td>
<td>Introduction to American Politics</td>
<td>3.00 credits</td>
</tr>
<tr>
<td>POL 3</td>
<td>Introduction to Political Science</td>
<td>3.00 credits</td>
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**AND one of the following:**

<table>
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<tr>
<th>Number</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>POL 21</td>
<td>American Political Theory</td>
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<td>POL 26</td>
<td>European Political Theory</td>
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<td>POL 27</td>
<td>European Political Theory</td>
<td>3.00 credits</td>
</tr>
<tr>
<td>POL 303</td>
<td>European Political Theory</td>
<td>3.00 credits</td>
</tr>
<tr>
<td>POL 304</td>
<td>European Political Theory</td>
<td>3.00 credits</td>
</tr>
</tbody>
</table>

**Elective Political Science Courses**

Six courses/eighteen credits from all POL courses excluding POL 95

**Credit and GPA Requirements**

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

**Joint Programs with College of Education, Information and Technology**

For information about Education degrees with content specializations in the social sciences, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

**Pre-Law Advisement**

The Pre-Law Advisement Program provides students with a full range of academic and career advisement for those who plan to enroll in law school. Admission into a law school requires a bachelor's degree earned in any area of study. Many students considering careers as attorneys and legal professionals earn a bachelor's degree in a subject such as English, history, criminal justice, philosophy, political science, economics, public relations, business, or education. LIU Post's academic programs equip students with the outstanding research, writing, and critical thinking skills needed to pass law school entrance exams and to gain admittance into law school.

Students have opportunities to intern in the legal field with federal district court judges, Nassau and Suffolk County officials, law firms, and legal publishers. These internships often result in invaluable recommendations to accompany law...
school applications.

A pre-law adviser assists each student to select the most appropriate courses for their undergraduate major to ensure a strong foundation for success in law school. Students enrolled in the Pre-Law Advisement Program also will receive support in preparing for the Law School Admissions Test (LSAT) and in applying for law school admission.
**Anthropology Courses**

**ANT 63 Gender Roles**
This course explores the beliefs and expectations about the appropriate conduct and characteristics of men and women in diverse cultures with special focus on the United States. The social factors that contribute to the changing status of women in the family, education, and work, as well as other sectors of society are critically examined.

Same as SOC 63.

**Sociology Courses**

**SOC 1 Introduction to Sociology**
This course covers the nature and social organization of human society, socialization, culture and social interaction. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.

**Credits: 3**
Every Fall, Spring and Summer

**SOC 3 Social Problems**
This course explores America’s and global social problems utilizing sociological theory and empirical research. Social Problems studied will include poverty, economic and social inequality, sexism, racism, ageism, social alienation, health care crises, social control and the national security state, among others. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

**Credits: 3**
On Occasion

**SOC 4 Food and Society**
This course centers on something we can all relate to food and connects it to economic and political forces that structure the global food system. Food is more than a personal consumer choice as those choices are impacted by our culture and marketing. Food consumption also has an impact on the environment, the economy, and the process of globalization. This course examines the relationship between food and broader socio-economic forces, as well as social issues such as food scarcity, food technologies, mass production, labor, global inequalities, and social movements. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

**Credits: 3**
On Occasion

**SOC 5 Gender and Sexual Diversity**
This course provides an introduction to gender and sexual diversity around the world. The course will draw on social theories and multiple non-Western case studies to examine how gender and sexual categories are socially constructed and experienced within specific cultural contexts. The course will place gender and sexuality in the context of globalization increasing of ideas, capital, and people around the world. This course fulfills the Perspectives on World Cultures cluster requirement in the core curriculum.

**Credits: 3**
On Occasion

**SOC 7 Human Rights**
The struggle for human rights provides a foundation for understanding issues of social justice, social inequalities, and the struggle for democracy. Human rights research is a growing focus for sociologists and findings are relevant for social policy. This course studies the meaning and conflicts over the extension of human rights to social justice issues that characterize today’s political, economic, and social conflicts in America and abroad. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

**Credits: 3**
On Occasion

**SOC 15 Social Change**
This course examines the major economic, political, and social forces that shape and change society. Students will be introduced to sociological theories and research of social change and apply these to understanding how societies are changing and likely to influence their own lives. We will explore how social change occurs, who directs, influences, benefits and who is harmed by those changes. Topics covered will include changes in the structures of the nation-state, economic relations, culture, technology, and in the development of community life and consumer culture. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.

**Credits: 3**
On Occasion

**SOC 16 Social Control and Resistance**
How do societies maintain social control, prevent social “disorder,” and direct social change? What are the social conditions creating conformity, rebellion? We will use sociological research and theory to study mechanisms used by governments, corporations, police, military, and power elites to control dissent by individuals and groups in social movements, riots and insurrections, strikes, and revolutions. We will examine both ideological and formal mechanisms of control, including policing, the gathering and use of private, personal information, and even state violence.

**Credits: 3**
On Occasion

**SOC 20 Sociology of Aging**
Sociological perspective to examine the social, cultural, economic, and political dynamics of aging. We will examine age and aging as social constructions. Using a global perspective, we will explore the age distribution of populations (especially as they relate to fertility, mortality, and migration) and the social problems shaped by these population processes. Specific topics will include: how gender, social class, race/ethnicity, and sexuality shape experiences of aging; how social roles regarding family and work evolve with age; and how societies differently provide healthcare and end of life care to their aging populations. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.

**Credits: 3**
Annually

**SOC 21 Sociology of Health and Illness**
This course examines social factors affecting the health of individuals and populations. This course investigates medicine as a major social institution including: sociological conceptions about physical and mental health illness, the “sick” role, comparative medical beliefs, practices and organization, U.S. health care organizations, medical and paramedical occupations, doctor-patient interaction, problems of medical care in the U.S. today.

**Credits: 3**
On Occasion

**SOC 22 Sociology of Families**
This course will introduce students to sociological concepts and contemporary issues within the sociological field of the family. Topics will include defining the family structure, media representations, identity, sexuality, relationship stages, child rearing, and work-family balance. Diversity and change are central themes as we explore families historically and cross-culturally.

**Credits: 3**
Annually

**SOC 24 Sociology of Adolescence and Youth**
This course examines children and childhood from a cross-cultural and historical perspective, looking at how childhood is both a contested and changing cultural construction and a stable structural form in society. We will look at how sociologists think about and study children in distinct ways, and we will look at what researchers learn by immersing themselves in children’s worlds—from preschool playground and families’ day-to-day life, to the middle-school lunch table and college parties. We will investigate the lives and experiences of children of all ages, especially in relation to social inequalities like gender, social class, and race/ethnicity, and forces of social change like technology and globalization. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.

**Credits: 3**
Annually

**SOC 25 Sociology of Education**
This course examines the social nature of education. Sociology and education are structured to illuminate new pathways to dynamic social awareness. A group-oriented human relations
examination of social values and beliefs that reshape mass attitudes and behavior is included.

**Credits: 3**

**On Occasion**

**SOC 26 Gender, Race and Ethnicity**

How do gender, race, and ethnicity impact our everyday lives? Sociologists argue that these categories are interconnected and socially constructed their meanings change over time and are shaped by society. This course will examine these terms and how they relate to social institutions and phenomena, such as education, family, social change, media, public policy, culture, and the economy.

**Credits: 3**

**On Occasion**

**SOC 33 Deviant Behavior**

This course examines the causes and patterns of social norm violation. The evolution and conflict of American social norms and rules, styles of social control, the development of unconventional ideologies and world views and alleged deviant subcultures are emphasized.

**Credits: 3**

**On Occasion**

**SOC 35 Global Cultures**

With a focus on at least one geographical area beyond the United States, this course provides a cross-cultural analysis of diverse global cultures. It explores indigenous cultures, social features, contemporary issues, and social change in each selected area. The course explores the relationship between US culture and people in other parts of the world. Same as ANT. 35. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

**Credits: 3**

**On Occasion**

**SOC 36 The Sociology of Genocide**

Genocide as a social phenomenon will be discussed utilizing a social problems approach. The course material explores the social processes by which racial and ethnic ideologies, joined by nationalistic fervor, result in mass death and ethnic cleansing.

**Credits: 3**

**On Occasion**

**SOC 37 The Sociology of Conflict**

Social conflict is ever present within and between societies, and it characterizes the struggles for a just society. This course explores social conflict using sociological theory and case studies of a variety of conflicts. Students will explore the issues of war and peace; racial, class and gender conflicts; and political and economic conflicts. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

**Credits: 3**

**Annually**

**SOC 42 Criminology**

This course covers the development of the scientific study of criminality, such as: methods, theories, and research studies of the analysis of prediction of criminal behavior, with emphasis on the adult offender, apprehension, court actions, punishments and treatment techniques.

**Credits: 3**

**On Occasion**

**SOC 53 Sociological Statistics**

This course will help students understand what questions to ask about statistics we encounter, how to produce statistics, and how to interpret statistics. Students will become familiar with descriptive statistics, inferential statistics, bivariate measures of association, and basic multivariate statistical techniques. They will also be introduced to the practical applications of the course material, as they read and discuss the statistics presented in scholarly articles, magazine surveys, newspaper reports, nonprofit reports, etc. Pre-requisite of SOC 1 is required.

**Pre-requisite of SOC 1 is required.**

**SOC 58 Sociology of Men and Masculinities**

Drawing on sociological theory and research, the course takes a critical look at how manhood and masculinity are constructed through socialization, in everyday interactions, and within various social institutions, such as education, work, the family, media and sports and recreation. The course also investigates how masculinity operates as a system of privilege that intersects with race/ethnicity, social class, sexuality, and other forms of stratification. Specific topics examined include: boyhood socialization and youth peer cultures, fatherhood, and intimate partner violence, representations of men in the media, and gender and social change.

**Credits: 3**

**Every Fall**

**SOC 59 Gendered Violence**

This course examines a variety of issues related to gender and violence, such as sexual violence, domestic violence, male and female gang violence, school bullying, stalking, and sexual harassment. We also explore other forms of gendered violence that occur globally, such as female genital cutting, female infanticide, honor killing, sex slavery, and rape as a tool of war. We will discuss why such gendered violence occurs, why these crimes are the least likely to be reported and prosecuted, how the media portrays gendered violence (including music videos, movies, and news reports), and what social movements have been established nationally and internationally to combat violence against women.

**Credits: 3**

**On Occasion**

**SOC 60 Sociology of Gender**

This course explores gender issues in contemporary society with an emphasis on the United States. Both historical and theoretical perspectives are used to examine the social construction of gender and how these constructions are applied in society. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

**Credits: 3**

**On Occasion**

**SOC 61 Feminism and Social Change**

This course explores feminism, social change, and the intersectional impacts of gender, race, class, and sexuality on women’s struggles for justice, from the late 19th century to today. These fights for justice include gender pay equity, lesbian rights, reproductive rights, an end to violence against women, and much more. In addition to an overview of these mainstream and marginalized US feminist struggles, students will learn about women’s activism within seemingly ungendered social movements, such as within civil rights, environmental justice, and the anti-war movement. Fulfills core curriculum requirements when combined with Soc. 1, or Ant. 1 or 2.

**Credits: 3**

**On Occasion**

**SOC 65 The Sociology of Human Sexuality**

This course explores human sexual expression and influences on sexual activity from a sociological perspective. The focus will be upon examining ways in which human sexuality has been socially constructed.

**Credits: 3**

**On Occasion**

**SOC 69 Race and Ethnicity**

This course examines the background and current realities of historically marginalized racial-ethnic groups in the United States. The semester begins with an overview of theoretical perspectives on racial-ethnic relations, a brief history of the main racial-ethnic groups in the US, and a discussion of new immigration to this country. We then discuss several key arenas for racial-ethnic inequality, including housing, the criminal justice system, education and the workplace. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

**Credits: 3**

**On Occasion**

**SOC 70 Sociology of Poverty**

This course examines the extent and characteristics of poverty within the US and globally, including how the risk of poverty varies with respect to differences in race, ethnicity, gender, age, family background, and geographical residence. Students will also explore the consequences of poverty on individuals, families, and communities, as well as the social policies that directly or indirectly impact poverty and inequality. Students will compare US policies to those in other developed nations, and will learn what is occurring to combat poverty on global level.

**Credits: 3**
SOC 71 Globalization  
Sociological study of globalization explores the growing global interconnectedness between peoples, nations, cultures, and societies. People in various nations and societies around the world experience globalization differently – their experiences vary by race, gender, class, sexuality, and other key social locations. This course approaches the study of globalization critically, with an eye to inequality, an emphasis on sociological theories and the important social and environmental impacts of globalization. Specific topics examined include: free trade, sweatshops, migration, environmental degradation, gender inequality, the digital divide, transnational corporations, and the role of technology.  
Credits: 3  
On Occasion

SOC 72 People in Crisis  
This course studies the experience of crisis in its many manifestations and structural settings. Contexts of personal crisis, such as families, communities, and broader social institutions, and the collective experience of community-level crises, such as those caused by natural disasters and epidemics. The crises studied may include health divorce, suicide, the readings and discussions utilize narratives of people in crisis and include invited speakers who have insight and experience in crisis and its mediation.  
Credits: 3  
On Occasion

SOC 73 Environmental Sociology  
This course introduces students to the growing interdisciplinary field of environmental sociology, which examines the complex relationship between society and the environment. Topics include the impacts of humans on the environment, how the environment constructs human society, and more specifically, the debates on climate change, natural disasters, food and agriculture, technology, energy, environmental conservation, risks, environmental justice, and environmental sustainability in the global world. In addition, the course examines social movements, public policy, and individuals who work to resist environmental degradation. Not open to students who took SOC 98 (Topics in Sociology: Environmental Sociology) prior to Fall 2013.  
Not open to students who took SOC 98 (Topics in Sociology: Environmental Sociology) prior to Fall 2013.  
Credits: 3  
On Occasion

SOC 85 Social Theory  
This course explores the theoretical traditions of sociology by studying the theories of the major figures of classical and contemporary sociology including Marx, Weber, Durkheim, Du Bois, Simmel, Mead, Marcuse, C. Wright Mills, Erving Goffman, bell hooks, among others. Themes discussed include the basis of community stability; religion, belief and social order; alienation in modern life; bureaucracy and power; suicide, social pathology and group life; economic exploitation and consumer society; social change and social conflict. This course is required to fulfill the major and full minor in sociology. Prerequisite of SOC 1 with junior or senior status is required.  
Prerequisite of SOC 1 with Junior or Senior status is required.  
Credits: 3  
Every Fall

SOC 91 Methods of Social Research  
This course introduces students to a variety of research methods, with a particular focus on interviewing, survey research, observation, and content analysis. Other topics include research ethics, theoretical approaches to research, experimental research methods, evaluation research, and data analysis. Students complete an independent research project to give them experience in data collection and analysis. This course is required of Sociology majors. A prerequisite of SOC 53 is required. A prerequisite of SOC 53 is required.  
Prerequisite of SOC 53 is required.  
Prerequisite of SOC 53 is required.  
Credits: 3  
Every Fall

SOC 92 Internship and Practicum in Applied Sociology  
Students undergo a supervised, off-campus internship in an area related to sociology. In addition to devoting 100 hours a community organization, each intern will complete a series of written assignments. Students applying for internships should generally have at least a 3.2 GPA, should have adequate time to devote to an internship, and should at least be a junior. Students may contact the Social Sciences Department if they are interested in this course. Placement and registration will be contingent upon faculty approval.  
Prerequisite of Sociology major or minor or Anthropology minor and permission of Department are required.  
Credits: 3  
On Occasion

SOC 98 Topics in Sociology  
This course examines special sociological issues. The topic varies each semester as noted in the Schedule of Classes. Specific course descriptions are available from the Social Sciences Department.  
Credits: 3  
On Occasion

SOC 99 Independent Study  
This course is an individually-tailored program of supervised study in a selected area of sociology. Prerequisite of 15 units of SOC (Sociology) are required  
Credits: 1 to 3  
Every Fall, Spring and Summer

On Occasion

SOC 303 Introduction to Sociology - Honors Core  
This course provides an in-depth survey of the major theories and concepts of sociology including analyses of social structure, social interaction, and socialization, normative and deviant behavior. It traces the development of sociology through the often competing theories of Marx, Weber, Durkheim, Mead, Mills, Merton, Goffman and others. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum. Must be in Honors College  
Must be in Honors College  
Credits: 3  
Every Fall

SOC 304 Social Institutions - Honors Core  
This course provides an in-depth examination of society's basic institutions. Students analyze society's political, economic and social institutions using divergent and often competing schools of sociological thought. The processes of social control and social change are studied. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.  
Prerequisite of SOC 303 is required.  
Student must be in Honors Program.  
Credits: 3  
Every Spring

History Courses

HIS 1 The West and the World to 1750  
A survey of the political, economic, social, and intellectual developments that shaped Pre-modern and early Modern Europe and Europe's relationship to the rest of the world. Covers the ancient period through the middle of the eighteenth century. Explores the rise of European dominance in a global context and the growth of "the West" as a concept. Special sections are offered for students in the Program for Academic Success (P sections). This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.  
Credits: 3  
Every Fall and Spring

HIS 2 The West and the World Since 1750  
A survey of modern Western civilization and its interaction with other world cultures from the mid-eighteenth century to the present. Examines developments including industrialization, nationalism, socialism, liberalism, imperialism and colonization, decolonization, revolutions, world wars and globalization. Special sections are offered for students in the Program for Academic Success (P sections) and for non-native speakers (F sections). This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.  
Credits: 3  
Every Fall, Spring and Summer
HIS 2F The West and the World since 1750
Same as HIS 2. For international students only.
Credits: 3
Every Spring

HIS 3 American Civilization to 1877
A survey of major political, social, economic and cultural developments in what is now the United States from initial colonization through the end of Reconstruction. Explores early cultural encounters, the origins of slavery, the American Revolution, the market revolution and the coming of the Civil War. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall, Spring and Summer

HIS 4 American Civilization Since 1877
A survey of the political, economic, social and cultural change that shaped the United States from the end of Reconstruction to the present. Topics include: emergence of mass society, immigration, economic and technological changes, civil rights movements, and the impact of U.S. military power at home and abroad. Special sections are offered for non-native speakers (F sections). This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall, Spring and Summer

HIS 6 History of Gender and Sexuality
This course introduces students to some of the most important historical studies focusing on women, masculinity, sexuality, and gender. Some key topics explored include: how the body is sexed and gendered in different times and places; how gender, race and class work in historical context; how gender influences the state and the state regulates the body; and how experiences of gender and sexuality intersect with other social constructs of difference, include race/ethnicity, class, and age. Drawing on disciplinary, interdisciplinary and cross-cultural studies, students will engage critically with issues such as gender inequities, sexuality, families, work, media images, queer issues, masculinity, and reproductive rights. Satisfies the Core requirement for the Power, Institutions and structures Thematic Cluster.
Credits: 3
On Occasion

HIS 7 Roots of the Modern World
An introduction to the study of history, not as a mere list of facts, but as a way of making sense of the world around us. Each section of this course focuses on a particular theme, the origins of some important aspect of the modern world. Through regular writing and discussion, the course explores how to trace processes of change that took decades or centuries and how to better understand these changes by analyzing primary sources from various points of view.
Credits: 3
On Occasion

HIS 8 Roots of the Modern Worlds Wars and Revolutions
This course explores the ways in which revolutions have transformed societies and our understandings of them. What have been the roles of wars and revolutions in disrupting social order, reordering political power or serving imperial ambitions? Will explore the connections among civil wars, revolutions and world wars and their effects on social structure, class relations, and international relations. Will examine the ways in which contemporary strategies tried to make sense of revolutions by examining select cases of France, Russia, Mexico, Spain, China, and Cuba, among others.
Credits: 3
On Occasion

HIS 9 On Occasion

HIS 10 Roots of the Modern World Religion
An exploration of the formation of the major Western religious traditions of Judaism, Christianity, and Islam, in comparison with other world spiritual traditions, and the role these religions have played in shaping human society. Beginning with Biblical Israelite religion, this course explores the basic patterns of Greek polytheism, the intertwined roots of Christianity and rabbinic Judaism, the formation of Islamic traditions, the spread and fragmentation of these monotheistic communities, and the contrast between these "religions" and spiritual traditions for which the label "religion" does not fit as well (e.g. Hinduism, Buddhism).
Credits: 3
On Occasion

HIS 11 On Occasion

HIS 12 On Occasion

HIS 13 On Occasion

HIS 14 On Occasion

HIS 15 The End of Rome
The end of the Roman Empire has captured historical imaginations in ways that few other events have. The idea of a technologically advanced and culturally sophisticated civilization dramatically collapsing into an era of dark barbarism is one that has trickled out from historical discourse and influenced artists, novelists, and filmmakers. In this radically interdisciplinary course, students will study the events surrounding the end of the Roman Empire, the historical debates surrounding it, and representations of it in modern art, film, and literature. Satisfies the Core requirement for the Perspectives on World Cultures Thematic Cluster.
Credits: 3
On Occasion

HIS 16 Policing History and Controversies
This course will explore the modern theory of policing in democratic states through texts and films concerned with such topics as policing protest, the concept of discretion, police brutality, women and minorities in police forces, and reform programs ranging from "broken windows" to community policing, rapid response versus foot patrol, and the use of big data. Key The course will explore policing history and controversies through texts include short stories, news articles, and television shows. Satisfies the Core requirement for thematic cluster Power, Institutions, and Structures.
Credits: 3
On Occasion

HIS 17 Energy, Society, and the Humanities
This course introduces students to the fundamental role that the humanities and the social sciences play in how humans understand energy in the Anthropocene - broadly defined as the period following the Industrial Revolution in which man's reliance upon fossil fuels has altered the climate, environment, and plant and animal ecosystems. Following recent scholarship on the "energy humanities," this course puts front and center the human values, habits, institutions, and power structures often missing from the treatment of these complex issues in the natural sciences and technological realms. Topics include early industrialization, slavery, the advent of the automobile era, the nuclear age, and the environmental perils of coal, petroleum, and natural gas extraction. Satisfies the Core requirement for the thematic cluster Self, Society, and Ethics
Credits: 3
On Occasion

HIS 18 On Occasion

HIS 19 On Occasion

HIS 20 Cold War in History, Fiction, and Film
With an emphasis on social and cultural history, this course introduces students to the broad themes surrounding the intense geopolitical conflict that raged around the globe from 1945-91 and continues to shape the Western imaginary today. When World War II ended, sole superpowers Russia and the United States sought friends and allies in a frantick global proxy war that was anything but "cold" in Korea, Vietnam, Afghanistan, Central America, and many other regions where military conflict was hot. Beyond national security lay efforts to achieve victory for a particular ideology: market-driven democracy vs. authoritarian socialism and communism. This course exposes students to different interpretations of the conflict and how regions beyond the United States and Russia navigated their place in a new world order. Satisfies the Core requirement for the thematic cluster Perspectives on World Cultures.
Credits: 3
On Occasion

HIS 21 On Occasion

HIS 22 On Occasion

HIS 23 On Occasion

HIS 24 On Occasion

HIS 25 On Occasion

HIS 26 On Occasion

HIS 27 On Occasion

HIS 28 On Occasion

HIS 29 On Occasion

HIS 30 On Occasion

HIS 31 On Occasion

HIS 32 Human Rights and Citizenship
What are the origins of rights? The notion of human rights is based on the idea that rights are inherent in human dignity and cannot be made dependent on any other condition or circumstance. But claims to these rights have been much complicated by the question of how to guarantee them and how to gain recourse when they are violated. In practice, the right to have rights has been most fully guaranteed by having a nationality/having citizenship has made it more likely to have rights. This course is an exploration
of the history of human rights with an emphasis on their codependent relationship with national sovereignty and citizenship.  
 Credits: 3  
 On Occasion  
 HIS 95 Literacy in the Social Sciences  
 This course is an intensive immersion in the literacy skills of reading and writing, learning and teaching the academic disciplines that together comprise social studies education. Designed for social studies adolescent education majors, this course introduces the student to the learning and teaching of select core issues found in the social science disciplines of Economics, Geography, History, Political Science, and Sociology. Same as ECO 95, GGR 85, POL 95 and SOC 95. Prerequisite of Adolescent Education Social Studies major is required. Prerequisite of Adolescent Education Social Studies major is required.  
 Credits: 3  
 Every Fall  
 HIS 122 American Urban History  
 The rise and development of American cities and suburbs from the late 18th century to the present. Will cover the growth of cities in the early national period, the separation of residential and work sites in the antebellum era, the commercialization of urban leisure, immigration, tenement housing, sweatshop labor and urban industries. Course will explore the impact of government policy on urban and suburban development, including post war federally subsidized mortgages, federal support for the highways and suburbs, racialized urban renewal programs, public housing, white flight, racial steering and urban crises. Will pay particular attention to the tension between public and private ownership of urban spaces.  
 Credits: 3  
 On Occasion  
 HIS 135 History of Cartography  
 While representing material space graphically has been a common human practice in virtually all times and places, the ways people have mapped and what they have chosen to represent as significant has varied enormously. In this World History course, students will study the mapping practices of such disparate peoples Australian Aborigines, Aztecs, and Ming Dynasty Chinese, and will examine the relationship between mapping and their larger cultures. Students will also study the development of modern mapping.  
 Credits: 3  
 On Occasion  
 HIS 136 Disease and History  
 An exploration of the history of illness and medicine in relationship to the changing social and cultural contexts, this course allows students to link global historical change with microhistories of particular times and places. Topics may include the impact of epidemics on politics and economics, changing conceptions of the body and disease, warfare and disease, public health and social policy, and technologies of healing.  
 Credits: 3  
 On Occasion  
 HIS 143 Monks, Saints, and Heretics: Medieval Religion  
 An exploration of the dramatic changes in religious life that affected Europe from 1000-1300, accomplished by exploring the many different roles that religion played in medieval life and the various forms of religious expression available to medieval Europeans. Topics include the relationship between institutionalized church authority and lay religious movements, new direction in spirituality and theology, the role of monastic communities in medieval society, and the cult of saints. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.  
 Credits: 3  
 On Occasion  
 HIS 149 Love and Hate in the Middle Ages  
 This course explores medieval attitudes toward the two most passionate human emotions, while also delving into the methodological problems of the history of emotions. Topics include the role of classical Roman philosophy in medieval attitudes to emotion, the development of courtly love, Christian ideas of love and hate, and the place of vengeance, feud, and violence in medieval society.  
 Credits: 3  
 On Occasion  
 HIS 150 The French Revolution  
 A study of the social, cultural, economic, and political structures of the Old Regime as causes of the Revolution of 1789. This course provides an assessment of the radicalization of the Revolution, the Reign of Terror, and the rise and role of Napoleon.  
 Credits: 3  
 On Occasion  
 HIS 151 European Cultural History, 1600-1789  
 This course is a study of the impact of political, social, economic and religious upheaval in 17th- and 18th-century Europe. Topics include: popular culture, religion, mysticism, the rise of toleration, political and legal thought, theories of revolution, the Scientific Revolution, the Enlightenment and pre-Romantic currents.  
 Credits: 3  
 On Occasion  
 HIS 152 European Women in the Age of Revolutions  
 This course provides an introduction to the experience of women and the social and cultural construction of gender in the confrontation with modernity. It examines how women contributed to larger trends in European history of the 19th and 20th centuries and explores how ideas about gender and sexuality shaped that history. Topics to be  
 studied include: women and revolution, the shifting nature and meaning of women's work in industrial urban society, middle-class models of domesticity, the history of feminism, and the role of the state, industry, and science in shaping women's roles in the home, the workplace, and in civil society.  
 Credits: 3  
 On Occasion  
 HIS 160 Nineteenth-Century Europe  
 A survey of the nineteenth century that investigates the origins and development of major concepts, ideologies, and institutions like the nation-state, the welfare system, capitalism, social democracy, communism, and nationalism. The course also follows the lives of European men and women, exploring the impact of urbanization, industrialization, social and cultural change on gender roles, male-female, and family relationships and seeks to make students aware of the ambiguities inherent of the notion of "progress" associated with nineteenth-century developments.  
 Credits: 3  
 On Occasion  
 HIS 162 Age of Catastrophes: Europe 1914-1945  
 The World War of 1914-18 – The Great War, as contemporaries called it – was the first man-made catastrophe of the 20th century. In this course we will study primary and secondary sources, movies and contemporary accounts, and today's best historical texts on the subject in the search for answers and interpretations of Europe's age of catastrophes.  
 Credits: 3  
 On Occasion  
 HIS 166 The Holocaust  
 A course in the history and interpretation of the Holocaust, the killing of approximately six million Jews by the Nazis and their collaborators during World War II. The course will investigate the evolution, implementation, and the aftermath of “Final Solution,” the Nazi's plan to exterminate the world's Jews. We will also pay attention to other groups persecuted during the Holocaust, either because of their perceived "radical inferiority" (Gypsies, the handicapped, some of the Slavic peoples), or on some political or behavioral grounds (homosexuals, Jehovah's Witnesses, socialists, communists). Our main focus, however, will be the Jews - the Nazi regime's principal targets. The course will use a variety of primary materials, including film, music, memoirs, painting, poetry, as well as scholarly literature, from the perspective of victims, perpetrators, bystanders and postwar intellectuals.  
 Credits: 3  
 On Occasion  
 HIS 182 Latin American History and Film  
 This course explores important social, cultural, economic and political aspects of Latin American history through film. Students will study movies and historical texts that mediate and construct national, regional, and hemispheric identities and
values. They will learn to analyze cinematic depictions of the "other" and the process by which North American, Latin American, and European filmmakers and audiences have created, internalized, or contested those images. The course pays special attention to power, wealth, and technology imbalances that render the cinema a problematic but important site of historymaking. Potential themes include the European-indigenous encounter, nineteenth-century nation-building, the Mexican Revolution, the Good Neighbor era, the Cold War, military dictatorship, immigration, and the war on drugs. Students also will gain a basic understanding of cinema history and key concepts in film criticism.

Credits: 3
On Occasion

HIS 186 History of Latin America, 1000 A.D. to 1810 A.D.
This course underscores the uneven manner in which Europeans colonized and organized the New World. A study of the centuries before 1492 demonstrates that social, political, cultural, and economic realities in Europe and the New World set the conditions for colonization. The course challenges the concepts of "conqueros" and "conquered" and confronts preconceived notions about colonial domination. An examination of conquistadors, priests, colonial functionaries, Indian workers, indigenous nobles, women, mixed-race peoples, and African slaves helps understand life under Spanish and Portuguese rule, resistance to social and culture domination, and the production of new culture and racial fusions. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum.

Credits: 3
On Occasion

HIS 187 History of Modern Latin America
Course will cover the major events of modern Latin American history from the independence movements against colonial rule through the construction of modern nations. It will explore the formation of national, ethnic and racial identities, social movements, revolutions, populism, and economic and political developments.

Credits: 3
On Occasion

HIS 190 Seminar in History
Course on different historical topics that will be announced under relevant subtitles.

Credits: 3
On Occasion

HIS 191 Internship in Public History
An opportunity for individual students to gain valuable experience with the methods and problems of presenting history to the public. Students pursue guided work under public historians through an off-campus placement in archives, historic sites, or museums, or in organizations producing documentary films, radio programs, or publications. Students also research a problem related to their internship placement.

Prerequisite of 12 credits of History and permission of instructor are required.

Credits: 3
Every Semester

HIS 197 Sophomore Seminar in Historical Methods
This course is designed to introduce sophomores to the primary task of the historian, the careful analysis of primary sources, including written and audio and visual sources and artifacts, in the context of relevant historical literature. The theme of course will vary depending upon the professor. This course is only offered to Sophomore majors.

Open to History BA or History BA/Adolescence Education MS majors only. At least Sophomore standing is required.

Credits: 3
Every Spring

HIS 198 Senior Seminar in Historical Research
A required course for senior History majors, this seminar will offer an opportunity for students to develop significant project requiring historical research in both primary and secondary sources. As such, it is intended to allow students to integrate the range of skills they have developed in previous coursework. It will be useful for those interested in graduate training and will also be important for those pursuing professional work. The topic will vary by semester.

Prerequisite of HIS 197 is required. Open to Senior History BA or History BA/Adolescence Education MS majors only.

Credits: 3
Every Fall

HIS 203 Worlding China, 1800-Present
This course explores modern Chinese history through an examination of China's connection with the world from 1800 to the present. Divided into "historical background" and "case study," each class will lay out the main themes, events, and principal concepts that shaped the ways Chinese, in different historical eras, imagined the world and perceived themselves within it. The course examines how concepts of modernity, nationalism, revolution, and globalization were embedded in specific China "worlding" projects.

Credits: 3
On Occasion

HIS 303 Civilization from the Ancient World to the 18th Century - Honors Core
A general but high-level seminar, this course a study of the most important social, political and religious developments of societies in Europe and surrounding regions from the ancient period to the 18th century - especially those developments which continue to influence the modern world. Together students examine not just individuals, events and institutions, but cultural values, social patterns, and the place of European communities in the broader context of human society. Students also consider the way people have used such communities and their "civilization." This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. This course is included in the Perspectives on World Cultures cluster.

Must be in Honors College

Credits: 3
Every Fall

HIS 304 European History from the French Revolution - Honors Core
A general survey of European politics, economic institutions, religion, culture, and ideas form the eighteenth century to the present. Topics include: the French Revolution and Napoleon, Liberalism, Conservatism, and Nationalism, the Industrial Revolution, the unification of Italy and Germany, the rise of the Middle Class, Marx, Darwin, Freud, World War I, the Russian Revolution, the Great Depression, Totalitarianism, Hitler's Germany, World War II and its aftermath, the Cold War, the collapse of the Soviet Empire, European Unification. This course fulfills the Perspectives on World Cultures thematic cluster requirement in the core curriculum. This course is included in the Perspectives on World Cultures cluster.

Must be in Honors College

Credits: 3
Every Spring

HIS 360 Honors Advanced Elective
Spring Advanced Elective to be offered on an occasional basis.

Student must be in Sophomore, Junior, or Senior status as well as be in the Honors College OR be a History major with a cumulative GPA of 3.0 or higher.

Credits: 3
On Occasion

Political Science Courses

POL 2 Introduction to American Politics
This course introduces the study of the Constitutional structure, major functions and operations of the national government. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

Credits: 3
Every Fall, Spring and Summer

POL 3 Introduction to Political Science
This course is an analysis of the nature of the state, political power, law sovereignty and political ideologies. The stress is on analysis of contemporary concepts. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

Credits: 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Prerequisites</th>
<th>Restrictions</th>
<th>Credits</th>
<th>Frequency</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 4</td>
<td>Political Psychology</td>
<td>This course is an analysis of the relationship between psychological phenomena and the formation, maintenance and transformation of political beliefs and behavior. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.</td>
<td>On Occasion</td>
<td>3</td>
<td>Every Fall</td>
<td></td>
</tr>
<tr>
<td>POL 7</td>
<td>Political Aspects of Economics</td>
<td>This course is an examination of the political aspects of economic institutions and processes with particular attention to the relationship of governments and markets on the domestic and international levels.</td>
<td>On Occasion</td>
<td>3</td>
<td>Every Fall</td>
<td></td>
</tr>
<tr>
<td>POL 10</td>
<td>Research Problems in Political Science</td>
<td>This course may be taken more than once by Political Science majors.</td>
<td>Pre requisite of POL 1 or POL 2 is required</td>
<td>1 to 3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 15</td>
<td>Introduction to Research and Writing in Political Science</td>
<td>This course will help students develop their skills in the field of political science. Students will develop their ability to read and analyze different types of literature in the discipline and they will learn to use and evaluate these sources in order to answer research questions.</td>
<td>Annually</td>
<td>3</td>
<td>Every Fall</td>
<td></td>
</tr>
<tr>
<td>POL 21</td>
<td>American Political Theory</td>
<td>Origin and nature of political theory in the United States is reflected in the writings of American political theorists from colonial times to the present. Must be taken by all Political Science majors.</td>
<td>Every Fall</td>
<td>3</td>
<td>Alternate Years</td>
<td></td>
</tr>
<tr>
<td>POL 26</td>
<td>European Political Theory I</td>
<td>The nature of man, the state, government, law and the nature of political theory are seen through selected writings from Plato to Machiavelli. This course, or Political Science 27, must be taken by all Political Science majors.</td>
<td>On Occasion</td>
<td>3</td>
<td>Every Fall</td>
<td></td>
</tr>
<tr>
<td>POL 31</td>
<td>American Constitutional Law I</td>
<td>This course covers American constitutional law, its historical evolution and the Supreme Court as a political institution. Emphasis is placed on civil rights and civil liberties.</td>
<td>On Occasion</td>
<td>3</td>
<td>Every Fall</td>
<td></td>
</tr>
<tr>
<td>POL 32</td>
<td>American Constitutional Law II</td>
<td>This course covers American Constitutional law, its historical evolution and the Supreme Court as a political institution. Attention is given to federal courts and the law, the federal system, powers of the various branches of government, economic regulation and taxation.</td>
<td>Every Spring</td>
<td>3</td>
<td>Every Spring</td>
<td></td>
</tr>
<tr>
<td>POL 33</td>
<td>Law and Film</td>
<td>This course uses films to illuminate themes that are central to our understanding of law and judicial politics. These themes include the relationship between law and justice, the ways in which law is practiced and taught, and the role that courts and trials play in a political system.</td>
<td>On Occasion</td>
<td>3</td>
<td>Every Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 34</td>
<td>Legislative Process</td>
<td>This course covers legislative bodies particularly Congress, the New York legislature, and the City Council of New York; the effect political parties exercise and the bureaucracy, pressure groups and public opinion.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 35</td>
<td>The American Judicial Process</td>
<td>This course covers the structure and function of judicial systems; organization, administration, and politics of judicial bureaucracies; roles of judges, juries, counsel, litigants and interest groups in the adjudication process.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 36</td>
<td>Public Opinion</td>
<td>This course covers the nature and formation of public opinion and its role in political and social affairs; influence of leadership, pressure groups and propaganda; areas of consensus; efforts to measure public opinion.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 37</td>
<td>Political Parties</td>
<td>This course covers the development, organization, and activities of American political parties and the social and political conditions that influence their character and purpose.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 39</td>
<td>American Governments State and Local</td>
<td>This course is a study of the constitutional structure, major functions and operations of state and local governments.</td>
<td>On Occasion</td>
<td>3</td>
<td>Every Fall</td>
<td></td>
</tr>
<tr>
<td>POL 45</td>
<td>U.S. National Security</td>
<td>This course evaluates the area of U.S. national security with emphasis on military and strategic problems during the Cold War and Post-Cold War era; defense policy-making; conventional and nuclear dimensions of defense issues; and strategic interests of the United States around the world.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 47</td>
<td>American Foreign Policy II</td>
<td>This course covers contemporary issues in the formulation and implementation of American foreign policy.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 51</td>
<td>International Relations</td>
<td>This course considers the development and characteristics of relations among states, national policy, sources of strength and weaknesses in the policies of states, actual and potential importance of areas of the world in determining the course of world events. Must be taken by all Political Science majors. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 53</td>
<td>International Law I</td>
<td>This course is a study of the concepts of sovereignty and the international community and the development of international organizations from ancient times to the creation of the United Nations.</td>
<td>Every Fall</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 56</td>
<td>World Affairs since 1945</td>
<td>This course studies the impact of World War II upon the state system, the cold war and the development of bipolar international politics, the United Nations as an instrument for international order and security, the decline of the colonial system and the emergence of new states, development of the People's Republic of China and Western Europe as new power centers.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 58</td>
<td>Islam in World Politics</td>
<td>This course is a study of the doctrines and practices of Islam with special attention to its current impact on social, economic and political developments in Asia, Africa and the Middle East.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 61</td>
<td>Modern China Political Doctrines and Society</td>
<td>The influence of political thought on societal change in modern China from the late Imperial Period to the present is examined.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
<tr>
<td>POL 62</td>
<td>Research Seminar in International Studies</td>
<td>This course covers the doctrines and practices of Islam with special attention to its current impact on social, economic and political developments in Asia, Africa and the Middle East.</td>
<td>On Occasion</td>
<td>3</td>
<td>On Occasion</td>
<td></td>
</tr>
</tbody>
</table>
This course is a study of a major current problem of an international nature. The roots of the conflict, its historical development, the viewpoints of the various parties involved, its proposed solutions and its international implications are analyzed and evaluated. The topic for in-depth research varies each time the course is offered.

Credits: 3

POL 64 Introduction to Comparative Politics
This course is a comparative analysis of government and politics in selected state systems in the contemporary global community.

Credits: 3

On Occasion

POL 65 Politics of the European Union
This course covers the history, institutions and selected policies of the European Union.

Credits: 3

On Occasion

POL 68 Government and Politics of Western Europe
This course covers internal government structures, principles and practices of leading Western European powers.

Credits: 3

On Occasion

POL 70 Government and Politics of the Middle East
This course covers internal government structures, principles and practices of selected countries in the Middle East.

Credits: 3

On Occasion

POL 73 Government and Politics of Latin America
This course covers the internal structures, principles and practices of leading Latin American countries.

Credits: 3

On Occasion

POL 75 International Politics
Credits: 3

Not Set

POL 76 Comparative Analysis of Dictatorships
This course is an analysis and discussion of selected problems of modern dictatorship using communist and fascist political systems for comparative purposes.

Credits: 3

On Occasion

POL 79 Violence in Contemporary Politics
This course is an analytic study of the background, causes, motivations, possible justifications and impact of political violence in modern times.

Credits: 3

On Occasion

POL 80 Administrative Behavior
This course covers the concepts and theories of administrative and organizational behavior. A survey of the literature on administrative patterns will be provided, with special attention to public organization, decision-making, leadership and small-group behavior in the social system bureaucracy.

Credits: 3

Every Fall

POL 83 Policy-Making in American Government
This course studies the emphasis on policy-making at different levels of national, state, and local government. It includes an analysis of relationships of policy inputs to policy outputs; evolution of the results of the policy process; relationship to the democratic process and the limitations.

Credits: 3

On Occasion

POL 88 Contemporary Problems in Public Administration
This course is a senior seminar examining selected issues in public administration. May be repeated with the permission of the chair.

Credits: 3

On Occasion

POL 91 Diplomacy and Negotiation
This course provides an introduction to the core concepts, processes, and techniques of diplomacy and negotiation. The course focuses on the role of diplomacy by individuals and governments (track I diplomacy) and other types of diplomacy (Track II and III diplomacy).

Credits: 3

Annually

POL 93, 93A, 93B, 93C, 93L Political Science Internship I
Placement with a public or private entity within the domestic or international environment provides direct experience in politics and/or law.

Credits: 1 to 6

Annually

POL 94, 94A, 94B, 94C, 94L Political Science Internship I
Placement with a public or private entity within the domestic or international environment provides direct experience in politics and/or law.

Prerequisite of 3.0 average and the permission of the department chair.

Credits: 3

Annually

POL 303 European Political Theory II - Honors Core
This course fulfills the Core Curriculum requirements in Economics/Political Science. The nature of man, the state, government, law and the nature of political theory as seen through selected writings from Machiavelli to the modern world.

This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

Must be in Honors College

Credits: 3

Every Fall
INTERDISCIPLINARY STUDIES PROGRAM

Students who have special interests and needs that cannot be met by present departmental majors or combined majors and minors may develop an individual interdisciplinary major in consultation with appropriate academic counselors. Interdisciplinary Studies (majors, programs, courses) incorporates courses from all academic units of the campus. The proposed plan of study is formulated by the student and is submitted to the advisor for the Interdisciplinary Studies (IDS) Program and the Committee on Interdisciplinary Studies for approval. Students must demonstrate the coherence of the combinations selected. All students who apply to the IDS program, including transfer students, must have completed at least 12 credits at LIU Post with a 3.0 or better cumulative average. Students cannot apply toward graduation more than 90 credits completed before entry into an approved IDS program. Once enrolled in the IDS program, they must maintain a 2.0 cumulative average. The usual graduation requirements apply to college core, 120 credits of total course work, and, for this major, a concentration in at least two different disciplines. Courses are selected from appropriate offerings at LIU Post in the Liberal Arts and Sciences, Visual and Performing Arts, Education, and Business, Public Administration, and Accountancy. The IDS program requires a 3-credit thesis or project (IDS 99) for which the student develops a topic that incorporates the subject matter and interpretive methods of at least two different disciplines.

Interdisciplinary Courses

IDS 99 Thesis/Final Project
The student develops a topic under the supervision of a faculty member that incorporates the subject matter and interpretive methods of at least two different disciplines. The course culminates in a thesis or final project. A thesis or project is required of all interdisciplinary studies majors.
Credits: 1 to 3

IDS 421 Capstone Project
Under the supervision of a faculty member, students will critically examine and analyze a complex issue or problem using an interdisciplinary approach. The topic will be drawn from the student's intellectual interests and career path. The goal of the project is for students to find connections across disciplines and, in doing so, to be able to draw conclusions that are multi-faceted. In addition to a written project summary, students will present an oral presentation of their projects.
For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin,
SCHOOL OF NATURAL SCIENCES

The School of Natural Sciences provides students with fundamental and applied knowledge of key physical science disciplines, including but not limited to chemistry, earth sciences, mathematics, and physics. Our goal is to develop future leaders with skills needed to launch careers in STEM fields, with an emphasis upon the intersections amongst different scientific disciplines. Students engage in meaningful research, with opportunities to actively contribute to scientific learning, with the potential for new breakthroughs and scientific publications. Given the many challenges for future improvement intimately linked with climate change, diseases (new and old) and opportunities to translate fundamental knowledge into new innovations, a degree in Natural Sciences offers many paths to future success and the ability to make meaningful contributions to the planet and to society. Degrees offered include a Bachelor of Science in Biology, Mathematics, Health Sciences and Forensic Sciences, which applies many different aspects of fundamental sciences to analyze crime scenes to help prosecute perpetrators and absolve the innocent from suspicion. In addition, a Master of Science in Genetic Counseling is offered.

B.S. Biology

A major in biology prepares students for a wide array of careers. The degree will automatically fulfill the requirements for admission to almost all graduate programs, as well as most medical, dental, veterinary, and physician assistant schools. This degree program covers the fundamentals of biology with opportunities to explore a wide range of subjects such as genetics, cell biology, marine biology, ecology and microbiology.

Further specialization of the degree is obtained by choosing one of three concentrations.
1) Molecular Genetics - Cell Concentration
2) Ecology, Evolution, Behavior Concentration
3) Pre-Medical Sciences Concentration

These concentrations will prepare students for careers in the medical field (doctor, dentist, veterinarian, physician assistant, chiropractor, etc.), as well as, positions in scientific laboratories, pharmaceutical and biotech companies, national parks, zoos, museums, hospitals, and schools. In addition, the degree can position a graduate in prime position to pursue careers in patent law, environmental consulting, wildlife management, as well as, science education.

B.S. Biology

(Program Code: 06974) [HEGIS: 0401.0]

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. in Biology must satisfy all core curriculum requirements as follows:
LIU Post Thematic Core Curriculum (32-34 credits)

Required Biology Courses

Required Biology Research Courses

AND one of the following:

AND one of the following:

Required Co-Related Courses

All of the following:

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. in Biology must satisfy all core curriculum requirements as follows:

MTH 8 Calculus and Analytic Geometry II

PHY 3 University Physics I

PHY 4 University Physics II

Students must choose a concentration area (Molecular Genetics / Cell, Ecology / Evolution / Behavior, or Pre-Medical Sciences).

Molecular Genetics/Cell Concentration

Required Ecology Course

BIO 109 Ecology

Required Cellular/Molecular Biology Courses

Three of the following:

BIO 200 Comparative Physiology

BIO 201 Molecular Biology

BIO 205 Developmental Biology

BIO 240 Special Topics in Cell/Molecular Biology

BIO 250 Microbiology

Required Ecology/Evolution Course

One of the following:

BIO 250 Microbiology

BIO 252 Invertebrate Zoology

BIO 254 Vertebrate Paleontology

BIO 261 Comparative Vertebrate Anatomy

BIO 270 Animal Behavior

BIO 271 Marine Biology

BIO 274 Conservation Biology

BIO 281 Tropical Marine Biology

BIO 290 Special Topics in Ecology/Evolution

Ecology/Evolution/Behavior Concentration

Required Ecology Course

BIO 109 Ecology

Required Cellular/Molecular Biology Courses

One of the following:

BIO 200 Comparative Physiology

BIO 201 Molecular Biology

BIO 205 Developmental Biology

BIO 240 Special Topics in Cell/Molecular Biology

BIO 250 Microbiology

Required Ecology/Evolution Course
B.S. Health Sciences

Health care is an ever-expanding field with many rewarding career paths. The federal government expects health care to dominate job growth, with 5.6 million new jobs expected by 2020. The B.S. in Health Sciences is a science-based major designed for freshmen and transfer students who aspire to careers in a variety of health-related fields, including physical therapy, occupational therapy, athletic training, pharmacy, physician assistant, and medical imaging. Even if you have not yet decided on a career path in the health professions field, this versatile degree can uniquely qualify you for admittance to graduate or professional school, or lead to a job upon graduation.

This program provides an excellent foundation in the liberal arts, with a strong focus on the sciences. In addition, this program approaches health professional education with a focus on relationship-centered care and narrative medicine in which the importance of human relationships is emphasized alongside evidence-based healthcare. As part of the curriculum, you will select one of ten minors, for example, business administration, accountancy, health administration, public service, social work, or sports medicine - that will broaden your understanding of the delivery of health care. The B.S. in Health Sciences also provides graduates with marketable skills in the business and public policy of health care. Students should contact the Department Chair for assistance in planning their course of study.

B.S. in Health Sciences

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Health Science must satisfy all core curriculum requirements as follows:

<table>
<thead>
<tr>
<th>LIU Post Thematic Core Curriculum (32-33 credits)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1 credit</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning (must take MTH 3 or 7)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World (must take BIO 7)</td>
<td>4 credits</td>
</tr>
<tr>
<td>Add'l course from one cluster (must take BIO 8)</td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Ethics, Self & Society (must take PSY 101)

Power, Institutions & Structures 3 credits

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Ancillary Requirements:
Must take PHI 13 for Public Service sub-plan.

Major Requirements

Required Health Science Courses

| BIO 7 Human Anatomy and Physiology I | 4.00 |
| BIO 8 Human Anatomy and Physiology II | 4.00 |
| BIO 103 General Biology I | 4.00 |
| BIO 104 General Biology II | 4.00 |
| BMS 90 Microbiology in Health Sciences | 4.00 |
| BMS 211 Pathophysiology I | 3.00 |
| BMS 212 Pathophysiology II | 3.00 |
| CHM 3 Principles of Chemistry I | 4.00 |
| CHM 4 Principles of Chemistry II | 4.00 |
| HSC 101 Introduction to Health Professions | 3.00 |
| HSC 102 Interdisciplinary Helping Professions | 3.00 |
| NTR 10 Nutrition | 3.00 |
| PSY 101 General Psychology | 3.00 |

One of the following:

| BMS 40 Computer Applications in Health Science | 3.00 |
| CLA 6 Computer Literacy | 3.00 |
| HPA 20 Computer-Based Management Systems (required in Health Care Administration sub-plan) | 3.00 |

One of the following:

| MTH 3 College Algebra and Trigonometry | 4.00 |
| MTH 7 Calculus and Analytic Geometry I | 4.00 |

One of the following:

| ORC 1 Public Speaking | 3.00 |
| ORC 17 Speech Communication in Organizations | 3.00 |
| SPE 5 Voice and Diction | 3.00 |

One of the following:

| ECO 72 Statistics | 3.00 |
| HIM 54 Statistics and Research for Health Information Manager | 3.00 |
Selection of one of the following subplans:
1. Accountancy
2. Business
3. Health Administration
4. Nutrition
5. Public Service
6. Social Work
7. Spanish for Health Professions
8. Sports Management
9. Health and Society

Electives (9-12 credits)
Please speak with the department chair or your academic advisor to select courses appropriate to your academic career and post-baccalaureate professional program. Electives are courses that are not being used to satisfy major or core requirements.
(Recommended Elective Courses BIO 85, BMS 225, CHM 21, CHM 22, HSC 221, PHY 3, PHY 4, PSY 25, SOC 1)

Accountancy Subplan Requirements
**Students completing this degree are eligible for Accountancy subplan. Please see advisor to declare subplan officially.**

**Required Accountancy Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 11</td>
<td>Accounting Principles I</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 12</td>
<td>Accounting Principles II</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 21</td>
<td>External Reporting I</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 22</td>
<td>External Reporting II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Two of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 61</td>
<td>Managerial Cost Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 80</td>
<td>Accounting Information Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 82</td>
<td>Auditing</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 84</td>
<td>Tax &amp; Business Strategies</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 85</td>
<td>Advanced Taxation</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 90</td>
<td>Applications in Accounting</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Business Subplan Requirements
**Students completing this degree are eligible for Business subplan. Please see advisor to declare subplan officially.**

**Required Business Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN 11</td>
<td>Principles of Management</td>
<td>3.00</td>
</tr>
<tr>
<td>MKT 11</td>
<td>Marketing Principles and Practices</td>
<td>3.00</td>
</tr>
</tbody>
</table>

One of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 11</td>
<td>Accounting Principles I</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 11</td>
<td>Corporation Finance</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective Business Courses (9 credits)

Nine credits of any FIN, MAN, MKT, MIS courses.

Health Administration Subplan Requirements

**Students completing this degree are eligible for Health Administration subplan. Please see advisor to declare subplan officially.**

**Required Health Administration Courses**

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAD 10</td>
<td>American Health Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>HAD 11</td>
<td>Management of Healthcare Organizations</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 13</td>
<td>Legal Aspects in Health</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 14</td>
<td>Financial Management in the Health Care/Public Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 15</td>
<td>Resource Allocation</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 20</td>
<td>Computer-Based Management Systems</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Health and Society Subplan Requirements

**Students completing this degree are eligible for Health and Society subplan. Please see advisor to declare subplan officially.**

**Required Health Care Administration Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 72</td>
<td>People in Crisis</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 76</td>
<td>Introduction to Sociology</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 18</td>
<td>Class and Social Inequality</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 21</td>
<td>Sociology of Health and Illness</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 69</td>
<td>Race and Ethnicity</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 18</td>
<td>Class and Inequality</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 21</td>
<td>Sociology of Health and Illness</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 59</td>
<td>Gendered Violence</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 60</td>
<td>Sociology of Gender</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 61</td>
<td>Feminism and Social Change</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 69</td>
<td>Race and Ethnicity</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 4</td>
<td>Food and Society</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 18</td>
<td>Class and Social Inequality</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Nutrition Subplan Requirements

**Students completing this degree are eligible for Nutrition subplan. Please see advisor to declare subplan officially.**

**Required Nutrition Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 100</td>
<td>Concepts in Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 101</td>
<td>Contemporary Nutrition Strategies</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 206</td>
<td>Nutrition Communication</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 215</td>
<td>Energy and Exercise</td>
<td>3.00</td>
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</table>

One of the following set of courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 16</td>
<td>Cultural &amp; Social Aspects of Food</td>
<td>2.00</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NTR 16L</td>
<td>Cultural &amp; Social Aspects of Food Lab</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Public Service Subplan Requirements

**Students completing this degree are eligible for Public Service subplan. Please see advisor to declare subplan officially.**

**Required Public Service Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPA 11</td>
<td>Careers in Public and Social Service</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 12</td>
<td>Citizenship and the Community</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 15</td>
<td>Health Resource Allocation in Health Care/Public Sectors</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 30</td>
<td>Critical Issues in Health/Public Administration</td>
<td>3.00</td>
</tr>
<tr>
<td>PHI 13</td>
<td>Ethics and Society</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 40</td>
<td>Organizational Leadership</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Social Work Subplan Requirements

**Students completing this degree are eligible for Social Work subplan. Please see advisor to declare subplan officially.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPA 61</td>
<td>Principles of Social Work</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 62</td>
<td>Methods of Social Work</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 63</td>
<td>Social Work Policy and Practice</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 64</td>
<td>Social Work Research</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 65</td>
<td>Social Work Administration</td>
<td>3.00</td>
</tr>
</tbody>
</table>

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Page 146
**Social Work subplan. Please see advisor to declare subplan officially.**

### Required Social Work Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWK 1</td>
<td>Introduction to Social Work and Social Welfare</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 50</td>
<td>Social Welfare Programs &amp; Policies I</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 51</td>
<td>Social Welfare Programs &amp; Policies II</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 60</td>
<td>Human Behavior in the Social Environment I</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 61</td>
<td>Human Behavior in the Social Environment II</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 40</td>
<td>Organizational Leadership</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Spanish for Health Professions**

### Subplan Requirements

**Students completing this degree are eligible for Spanish subplan for Health Professions. Please see advisor to declare subplan officially.**

### Required Spanish Courses

Students initially placed in SPA 1 complete the following requirements. Students placing into higher level courses should see their advisor to identify the correct sequence of courses to be eligible for Spanish minor for Health Professions.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 1</td>
<td>Introductory Spanish I</td>
<td>3.00</td>
</tr>
<tr>
<td>SPA 2</td>
<td>Introductory Spanish II</td>
<td>3.00</td>
</tr>
<tr>
<td>SPA 3</td>
<td>Intermediate Spanish III</td>
<td>3.00</td>
</tr>
<tr>
<td>SPA 4</td>
<td>Intermediate Spanish II</td>
<td>3.00</td>
</tr>
<tr>
<td>SPA 15</td>
<td>Spanish Medical Terminology and Conversation 1</td>
<td>3.00</td>
</tr>
<tr>
<td>SPA 16</td>
<td>Spanish Medical Terminology and Conversation 2</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Sports Management Subplan**

### Requirements

**Students completing this degree are eligible for Sports Management subplan. Please see advisor to declare subplan officially.**

### Required Sports Management Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 140</td>
<td>Introduction to Sports Management</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 141</td>
<td>Facility Management</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 142</td>
<td>Sports Marketing</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 143</td>
<td>The Economics of Sports</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 144</td>
<td>Sports Law</td>
<td>3.00</td>
</tr>
<tr>
<td>PE 145</td>
<td>Sports Management Internship</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Credit Requirements**

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 60
Minimum Major Credits: 41
Minimum Requisite Minor Credits: 9-19
Biology Courses

**BIO 1 Foundations of Biology I**
An introduction to basic biological principles for non-science majors. The course focuses on the process of science, scientific literacy, and core concepts relevant to all living things with the framework of Evolution and Natural Selection. Three hours lecture, three hours laboratory. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.
Pre-requisite BIO 103 is required. Prerequisite of not having taken BIO 1S or BIO 4 is required.
Credits: 4
Every Fall and Spring

**BIO 106 Research Methods II**
This course emphasizes the scientific nature of biology and hypothesis testing. The course focuses on experimental design, data collection and quantitative analysis, and interpretation and discussion of results. Students will learn to write scientific manuscripts and proposals as well as to prepare posters and oral presentations of results.
Credits: 3
Every Spring

**BIO 107 Genetics**
This course is a study of Mendelian inheritance, multiple gene inheritance, gene structure and function, gene mapping mutation, gene regulation, evolutionary genetics and other basic concepts in genetics. The laboratory will consist of exercises utilizing microorganisms, viruses, insects and plants.
Three hours lecture, three hours laboratory.
Pre-requisite of BIO 103 and BIO 104 are required.
Credits: 4
Every Fall and Spring

**BIO 108 Cell Biology**
Cell biology covers ultrastructure, structure-function relations, and the coupling and regulation of various processes in living cells. Specific topics include cellular energetics, regulation of metabolic processes, organization of cellular structures, and cell -to -cell communication. BIO 108 may be taken in the same semester as BIO 107.
Three hours lecture, three hours laboratory.
Pre-requisites of BIO 103, 104 and Pre-requisite or Corequisite of BIO 107 are required.
Credits: 4
Every Spring

**BIO 109 Ecology**
This course is an introduction to relationships existing among organisms and between organisms and their environment. Emphasis is placed on the distribution and abundance of organisms on the earth. Laboratory stresses the experimental approach to ecology. Students research a topic, design and conduct their own experiments, analyze results, and write papers.
Three hours lecture, three hours laboratory.
Pre-requisite BIO 103 and BIO 104 are required.
Credits: 4
Every Fall

**BIO 110 Evolution**
This course takes a mechanisms approach to evolution. The class begins with the Hardy-Weinberg principle and then examines the various processes that affect allele frequencies in populations over time, such as genetic drift, gene flow, natural selection, sexual selection, and mutation. Other topics are examined, such as speciation and systematics.
Three hours lecture, three hours laboratory/discussion.
Pre-requisite of BIO 107 is required.
Credits: 4
Every Spring

**BIO 111 Human Genetics in Health and Disease**
Basic concepts of genetics are used as a starting point for topics such as the nature of inherited conditions, genetic predisposition and its interpretation and genetic interventions. The course will include classical genetic approaches as well as basic molecular concepts of gene action, population genetics and advances such as DNA fingerprinting, gene chip analysis and manipulation of gene expression. In introductory course for majors and non-majors.
Prerequisites of BIO 7, 8 or BIO 103, 104 are required.
Credits: 3
Every Fall, Spring and Summer

**BIO 141 Biostatistics**
This course covers fundamental principles of data organization, inferential statistics and correlation analysis with specific reference to their use in biological and medical research. Not open to students who have completed or are taking MTH 19 or MTH 23.
Same as MTH 41.
Credits: 3
Every Fall

**BIO 200 Comparative Physiology**
This course is a study of the basic functions and mechanisms of action of tissues, organs, and organ systems. Emphasis is placed on homeostatic processes and the physiological adaptations to environmental factors.
Three hours lecture, three hours laboratory.
Pre-requisite of BIO 107 is required.
Credits: 4
On Occasion

**BIO 201 Molecular Biology**
This course is a study of nucleic acid and protein structures, and complex aggregates such as collagen, chromatin, and viruses. Basic concepts in DNA replication, DNA repair, transcription, translation, gene regulation, gene exchange and rearrangement including recombinant DNA technology.
Three hours lecture, three hours laboratory.
Pre-requisite of BIO 107 is required.
Credits: 4
Every Spring

**BIO 205 Developmental Biology**
This course covers the developmental processes of
animals from gene to genesis to establishment of the principal organ systems. Laboratory includes study of frog, chick and pig development.

Three hours lecture, three hours laboratory. 
Prerequisite of BIO 107 is required.
Credits: 4
Every Fall

BIO 240 Special Topics in Cell/Molecular Biology
Different faculty members will cover different topics in cell or molecular biology in various semesters in lecture or seminar format. The specific topic will be announced in advance and the student may take the course only once.

Three hours lecture when offered for three credits; three hours lecture, three hours laboratory when offered for four credits.
Prerequisite of BIO 107 is required.
Credits: 3 to 4
Annually

BIO 250 Microbiology
This is a study of the morphology, physiology, biochemical activities, ecology, and classifications of microorganisms (viruses, bacteria, fungi, and protista). Includes the study of pathogenic and economically useful forms, and methods of culture, identification, sterilization and bacteriological analyses.

Three hours lecture, three hours laboratory.
Prerequisite of BIO 107 is required.
Credits: 4
Every Fall

BIO 254 Vertebrate Paleontology
Paleobiology and past history of major groups of vertebrates. Emphasis is on the processes of vertebrate evolution from ancient fishes to extinct mammals through geological time. Diversification patterns, extinction, and environmental implications are all considered.

Same as GLY 39.
Three hours lecture, three hours laboratory/museum visits.
Prerequisite of BIO 107 is required.
Credits: 4
On Occasion

BIO 261 Comparative Vertebrate Anatomy
Fundamentals of the taxonomy, morphology, and evolution of the chordates from a comparative point of view. Laboratory includes study and dissection of selected protochordates and representative vertebrates, including lamprey, shark and mud puppy and cat.

Three hours lecture, three hours laboratory.
Prerequisite of BIO 107 is required.
Credits: 4
On Occasion

BIO 270 Animal Behavior
The adaptive, evolutionary, and physiological nature of animal behavior. Ecological as well as comparative, hormonal and neurological aspects of behavior are covered in lecture and laboratory.

Three hours lecture, three hours laboratory.
Credits: 4
On Occasion

BIO 271 Marine Biology
This course introduces life in marine waters. Topics include physical biological properties of marine waters, identification and characteristics of major groups of marine plants and animals, adaptive modifications to marine environments and the special nature and diversity of marine ecosystems.

Field and laboratory work emphasizes methods of collecting, sampling, and analyzing marine organisms.
Three hours lecture, three hours laboratory/fieldwork.
Prerequisite of BIO 107 is required.
Credits: 4
On Occasion

BIO 281 Tropical Marine Biology
A field travel course to the Indo-Pacific or Caribbean which focuses on the ecology of coral reefs. Biodiversity of the fish, invertebrates and algae, and the nature of their interactions are emphasized. Length of course varies based on location. This course has special travel fees.
Prerequisite of one 100-level Biology course or permission of instructor is required.
Credits: 3
On Occasion

BIO 287 Undergraduate Research I
Continuation of BIO 297. Dissemination of the results of the research conducted by either poster or oral presentation is required.
Prerequisite of BIO 298 is required.
Credits: 1 to 3
Every Fall, Spring and Summer

BIO 299 Undergraduate Research II
Continuation of BIO 298. Dissemination of the results of the research conducted by either poster or oral presentation is required.
Prerequisite of BIO 298 is required.
Credits: 1 to 3
Every Fall, Spring and Summer

BIO 301 General Biology I - Honors Core
This course is an examination of basic life processes including molecular and cell biology, genetics and the functioning of the human organism. Students are encouraged to think creatively and critically about topics studied, such as current issues concerning DNA, genes, chromosomes and disease as they relate to man.

Three hours lecture, three hours laboratory.
Prerequisite of Honors Program is required.
Credits: 4
Every Fall

BIO 302 General Biology II - Honors Core
The course focuses on a consideration of the diversity of organisms on Earth, including ecology, evolution, systematics and the major groups of living things. Relevance of these topics to issues of general human concern will be explored through readings and discussion. These issues include human evolution, sociobiology, scientific creationism, and such environmental problems as the extinction of species and the decimation of tropical ecosystems.

Three hours lecture, three hours laboratory.
Prerequisite of Honors Program is required.
Credits: 4
Every Spring

Health Science and Pharmacy Courses

HSC 98 Undergraduate Research
Junior and seniors can undertake an independent research project under the direction of a faculty member in the area of the student's principles interest. Permission of the Department is required to register for this course.
Credits: 1 to 2
On Demand

HSC 99 Independent Research Project
Junior and seniors can undertake this independent research project under the direction of a faculty member in the area of the student's principles interest. Permission of the Department is required to register for this course.
Credits: 3
On Demand
HSC 101 Introduction to Health Professions
This course will provide an introduction and understanding of various qualities and characteristics of professions in the health care field. Students will be exposed to an overview of health care systems and major aspects of health care delivery. In addition, the course will provide an introduction to medical terminology, as well as creating a professional resume that may be used for future opportunities. Mode of instruction: In Person
Credits: 3
Every Fall and Spring

HSC 102 Interdisciplinary Helping Professions
The purpose of this course is to provide students with an introduction to relationship building as the key to effective helping across the health and social service professions. The model of relationship-centered care (RCC) and the narrative medicine approach will provide the conceptual and methodological frameworks for interdisciplinary collaborative care delivery by health professions. Students engage in dyadic and small group exercises designed to develop effective practice skills. Required course for BS Health Science majors, elective for Social Work Majors (Open to Juniors or Seniors, 3 credits)
Open to Juniors or Seniors.
Credits: 3
Annually

HSC 111 Veterinary Science for Beginners
An overview of veterinary science as the basis for consideration of a career as a veterinary professional. The course will present the aspects of natural and medical science that relate to veterinary practice, a review of animal husbandry of some common species attended to by veterinarians, veterinary technologists, and ancillary personnel. The range of career choices available to veterinary professionals, such as clinical practice, research, industry, and education will be discussed. The course will include guest lectures from veterinary professionals.
Credits: 3
On Occasion

HSC 145 Special Topics in Health Sciences
The instructor chooses a study of selected topics related to the Health Sciences ranging from human disease and pathologies to current events and social issues in Healthcare. The subject of each topic is announced in the preceding semester. May be taken twice if topics are different.
Credits: 1 to 3
On Occasion

HSC 221 Topics in Human Genetics
This course will provide an introduction to Mendelian genetics as well as the ethical implications of genetic testing and genetic therapies. Students will be exposed to current advances involving the understanding and strategies for studying various human genetic disorders including among others, cancer, immunological diseases, and the genetics of aging. Students will explore these topics through lectures, classroom discussion, reviewing current research and hands-on activities. This is not a lab course and will not satisfy genetics requirements for pre-med requirements and most other health professions graduate programs requiring a lab-based genetics course.
A pre requisite of BIO 103 or BIO 7 is required
Credits: 3
Every Semester

PHM 1 Pharmacy Orientation Seminar
This course is designed as an introduction for the preprofessional student to the various roles and career pathways available to pharmacists. Students will be introduced to ethical foundations, regulation, drug discovery and development, and other contemporary issues facing the profession. The seminar serves as a source of information regarding the requirements, responsibilities, and attitudes necessary for success in the professional phase of the program. One lecture hour.
Credits: 1
Annually
The Department of Natural Science offers a B.S. in Mathematics and a B.S. in Forensic Science, as well as joint programs with the College of Education, Information and Technology. The bachelor's program in mathematics is designed to provide flexibility while emphasizing mathematical reasoning and problem-solving, preparing the student for graduate school or a career in mathematics in secondary school teaching, business, industry, government, or academia. A person with a degree in mathematics has career options in many fields. In addition, these degrees are regarded as excellent preparation for entrance to professional schools of law, medicine, or business. Our graduates are teaching in secondary schools, employed as actuaries and computer systems analysts, and many have gone on to prestigious graduate schools, obtained Ph.D.s, and are now teaching in colleges around the country. In conjunction with the College of Education, Information and Technology, students can prepare for careers as high school math teachers through the B.S. in Adolescence Education: Mathematics/ Special Education (Grades 7 to 12). A Mathematics concentration is also offered for the B.S. in Early Childhood Education/ Special Education (Birth to Grade 2), the B.S. in Childhood Education/ Special Education (Grades 1 to 6).

B.S. Forensic Science

Forensic science is an exciting field where science and technology meet the law. As a forensic scientist, you will bring the most advanced scientific tools to bear on the most pressing problems, including solving crimes and saving lives. The challenge of forensic science is to look back in time to determine the who, what, when, where, and why of disputed events. In your search for clues that dispel mysteries and serve justice, you will investigate everything from DNA, blood, and other body fluids to textiles, footwear, footprints, tire tracks, documents and signatures, flammables, pollutants, and much more.

LIU Post’s Bachelor of Science in Forensic Science degree will prepare you for a rewarding career in the laboratory departments of police departments, medical examiners’ offices, toxicology, and pathology. The program integrates lecture courses with laboratory work and hands-on field experiences. Students study a broad range of forensic applications such as molecular pathology, criminalistics, human genetics, and forensic anthropology. Classes are taught by practicing forensic scientists, medical professionals, and LIU Post professors of biomedical sciences, chemistry, criminal justice, and forensic science. In addition, students serve as interns at highly productive Long Island and Manhattan crime laboratories, health departments, and medical examiners’ offices.

B.S. Forensic Science

[Program Code: 28326] [HEGIS: 1999.2]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Forensic Science must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Writing II</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>4</td>
</tr>
<tr>
<td>MTH 7</td>
<td></td>
</tr>
</tbody>
</table>

Scientific Inquiry & the Natural World (BIO 103 required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3</td>
</tr>
<tr>
<td>Additional course from one cluster</td>
<td>3-4</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Foundation Courses

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 103</td>
<td>General Biology I</td>
</tr>
<tr>
<td>BIO 104</td>
<td>General Biology II</td>
</tr>
<tr>
<td>CHM 3</td>
<td>Principles of Chemistry I</td>
</tr>
<tr>
<td>CHM 4</td>
<td>Principles of Chemistry II</td>
</tr>
<tr>
<td>CHM 21</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>CHM 22</td>
<td>Organic Chemistry II</td>
</tr>
</tbody>
</table>

AND one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 141</td>
<td>Biostatistics</td>
</tr>
<tr>
<td>ECO 72</td>
<td>Statistics</td>
</tr>
<tr>
<td>MTH 19</td>
<td>Basic Statistics</td>
</tr>
<tr>
<td>MTH 23</td>
<td>Foundations of Statistical Analysis</td>
</tr>
<tr>
<td>PSY 110</td>
<td>Psychological Statistics I</td>
</tr>
<tr>
<td>SOC 53</td>
<td>Sociological Statistics</td>
</tr>
</tbody>
</table>

AND one of the following sequences:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3</td>
<td>University Physics I</td>
</tr>
</tbody>
</table>

B.S. Mathematics

[Program Code: 06409] [HEGIS: 1701.0]

The Bachelor of Science in Mathematics is an excellent choice for students interested in pre-engineering, computer science, or teaching. It includes higher-level math courses and additional credits in science or computer science.

Graduates with degrees in mathematics are in demand by the best employers and graduate schools. The program combines rigorous coursework with outstanding academic support from both professors and peers. Graduates can expect to be seen as attractive candidates by graduate schools or by employers in a variety of industries such as insurance, technology, engineering, education, and manufacturing.

LIU Post Undergraduate Catalog 2022 - 2023
Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. Mathematics must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum
(32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Writing II</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Reasoning (MTH 7)</td>
<td>4</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World (PHY 3)</td>
<td>4</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3</td>
</tr>
<tr>
<td>Additional course from one cluster</td>
<td>3-4</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Mathematics Courses

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 7</td>
<td>Calculus and Analytic Geometry I</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 8</td>
<td>Calculus and Analytic Geometry II</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 9</td>
<td>Calculus and Analytic Geometry III</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 20</td>
<td>Introduction to Sets, Logic, and Mathematical Structures</td>
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</tr>
<tr>
<td>MTH 21</td>
<td>Differential Equations</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 22</td>
<td>Applied Linear Algebra</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 31</td>
<td>Advanced Calculus I</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 32</td>
<td>Advanced Calculus II</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 51</td>
<td>Probability</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 71</td>
<td>Algebraic Structures</td>
<td>3.00</td>
</tr>
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</table>

And one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 90</td>
<td>Mathematics Seminar</td>
<td>1.00</td>
</tr>
<tr>
<td>MTH 389</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 390</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective Mathematics, Computer Science or Laboratory Science Courses

Six additional credits from all MTH courses numbered 23 or above excluding MTH 25 and 41 or any AST, BIO, CHM, CS, ERS, GLY or PHY courses.

Required Co-Related Courses

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 3</td>
<td>University Physics I</td>
<td>4.00</td>
</tr>
<tr>
<td>PHY 4</td>
<td>University Physics II</td>
<td>4.00</td>
</tr>
</tbody>
</table>

Credit Requirements

Major Required Credits: 49
Minimum Total Credits: 120
Minimum Liberal Arts Credits: 60

Joint Programs with College of Education, Information and Technology

For information about Education degrees with content specializations in the sciences, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.
Chemistry Courses

**CHM 2 Introduction to Forensic Chemistry II**
This is the second part of a two-semester sequence in forensic chemistry for non-science majors. Students will learn basic forensic chemistry and how it is used in the practical real world of forensic investigations. Topics include criminal profiling, forensic DNA, ballistics processing, tool mark analysis and serial number restoration, blood splatter geometry and crime scene reconstruction.

Three hours lecture, three hours laboratory. 
Prerequisite of CHM 1 is required. 
Credits: 4 
Every Spring

**CHM 3 Principles of Chemistry I**
This course is the first part of a two-semester sequence that includes the study of the nature of matter and energy, chemical reactions, stoichiometry, gas laws, thermochemistry, atomic structure and chemical bonding.

To enroll in CHM 3, students must either have placed into MTH 7 or have received a grade of C or better in MTH 3 or its equivalent. Three hours lecture, three hours laboratory. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

Prerequisite of MTH 3 or 35 with a grade of C or above or Co-requisite of MTH 7 or MTH 8 is required. Not open to students who have taken CHM 4, 21, 22, 25, 37 or 71. 
Credits: 4 
Every Fall, Spring and Summer

**CHM 4 Principles of Chemistry II**
This course is the second part of a two-semester sequence that includes the study of the nature of matter and energy, chemical reactions, stoichiometry, gas laws, thermochemistry, atomic structure and chemical bonding.

Three hours lecture, three hours laboratory. 
Prerequisite of CHM 3 with a grade of C or better is required. Not open to students who have taken CHM 4, 21, 22, 25, 37 or 71. 
Credits: 4 
Every Fall, Spring and Summer

**CHM 5 Inorganic Chemistry**
A systematic description of the properties and chemical transformations of matter. Using the Periodic Table as a guide, reaction types are studied so that the large body of chemical facts are put in perspective.

Prerequisite of CHM 4 is required. 
Credits: 2 
Every Fall

**CHM 6 Chemistry of Life**
A one-semester survey course (for nursing students and others who need only one semester of chemistry) covering concepts from general, organic and biological chemistry. The course is intended for students preparing for careers in health-related professions and is designated to provide those students with an understanding of the chemistry of biological systems and pharmaceuticals. Cannot be used as a prerequisite for any other CHM course.

Three hours lecture, three hours laboratory. 
On Occasion

**CHM 21 Organic Chemistry I**
This course is the first part of a two-semester sequence that includes the study of nomenclature, structure, bonding, reactions, and syntheses of alkanes, alkenes, and alkynes, and the corresponding cyclic compounds.

Three hours lecture, four hours laboratory. 
Prerequisite of CHM 4 is required. Not open to students who have taken CHM 22 or CHM 71. 
Credits: 4 
Every Fall and Summer

**CHM 22 Organic Chemistry II**
This course is the second part of a two-semester sequence that includes the study of the spectroscopy, structure, reactions, and synthesis of aromatic compounds, alcohols, ethers, carboxylic acids, amines and related compounds.

Three hours lecture, four hours laboratory. 
Prerequisite of CHM 21 is required. Not open to students who have taken CHM 71. 
Credits: 4 
Every Spring and Summer

**CHM 24 Spectroscopic Identification of Organic Compounds**
This course covers a systematic study of laboratory methods for the identification of organic compounds with emphasis on the theory and use of mass spectrometry, ultraviolet/visible, infrared and nuclear magnetic resonance spectroscopy.

One hour lecture, three hours laboratory. 
Prerequisite of CHM 22 is required. 
Credits: 3 
Annually

**CHM 25 Basic Organic Chemistry**
A semester in organic chemistry designed to provide a background in the fundamentals of nomenclature, mechanisms, structures and syntheses. The course is designed for students who require a general knowledge of organic chemistry.

Three hours lecture, three hour laboratory. 
Prerequisite of CHM 4 is required. Not open to students who have taken CHM 71. 
Credits: 4 
Every Fall

**CHM 30 Searching the Chemical Literature**
This course is designed to instruct students in the methods employed to do comprehensive searches of the chemical literature. This will involve online searching of various databases with emphasis on Chemical Abstracts.

Prerequisites of CHM 21 or 25 is required. 
Credits: 1

**CHM 37 Quantitative Analysis**
This course is a study of classical gravimetric and volumetric quantitative determinations. The theory and practice of some of the more modern techniques of instrumental methods are studied.

Three hours lecture, four hours laboratory. 
Prerequisite CHM 4 is required. 
Credits: 4 
Every Fall

**CHM 38 Analytical Instrumentation**
The principles involved in the use of instrumental techniques with applications to qualitative and quantitative analysis are examined. Elementary concepts of instrument design are also covered.

Three hours lecture, four hours laboratory. 
Prerequisite CHM 56 is required. 
Credits: 4 
Every Fall

**CHM 48 Advanced Inorganic Chemistry**
The properties of inorganic substances in terms of modern bonding theory are examined. The laboratory includes the study and synthesis of representative inorganic compounds.

Three hours lecture, four hours laboratory. 
Prerequisite of CHM 5 and CHM 56 are required. 
Credits: 4 
Every Spring

**CHM 55 Physical Chemistry I**
This course is an introduction to chemical thermodynamics and chemical kinetics with applications to gases, solutions and phase equilibria to provide a firm foundation for understanding the physical principles that govern chemical and biological systems. Experimental physical chemistry methods are emphasized.

Three hours lecture, four hours laboratory. 
Prerequisite (CHM 22 or CHM 25) and CHM 37 and MTH 8 and PHY 4 are required. 
Credits: 4 
Every Fall

**CHM 56 Physical Chemistry II**
This course is an introduction to ionic solutions and electrochemistry. The statistical description of bulk properties of matter with applications to chemical thermodynamics, molecular dynamics and kinetics of complex reactions is studied. Elementary applications of the quantum approach are introduced.

Three hours lecture, four hours laboratory. 
Prerequisites of CHM 55, MTH 9 are required. 
Credits: 4 
Every Spring

**CHM 57 Quantum Chemistry**
This course is the quantitative introduction to the major concepts of quantum statistics and its applications to modern chemistry and quantum chemistry calculations. Quantum methods of studying the relationships of bulk properties of
matter with the structure of molecules and their interactions are examined.

**Prerequisites of CHM 56, MTH 21, and PHY 4 are required.**

**Credits: 2**

**Every Fall**

**CHM 71 Basic Biochemistry**

This course is a one-semester introduction to the major concepts of biochemistry including carbohydrates, lipids, amino acids, proteins and nucleic acids.

Three hour lecture, three hour laboratory.

**Prerequisite of CHM 22 or CHM 25 is required.**

**CHM 85 Advanced Organic Chemistry**

This course covers the application of chemical kinetics, molecular orbital theory, orbital symmetry, Woodward-Hoffman theory, energy transfer and photochemistry to organic reactions. Utilization of the modern literature in organic chemistry is included.

**Prerequisite of CHM 56 is required.**

**Credits: 3**

**Every Spring**

**CHM 93 Chemical Research I**

This course is the first part of a two-semester research sequence, conducted under the supervision of a faculty advisor. Students in the Honors Program may substitute the Honors tutorial (CHM 385 or 386) for CHM 93.

**Prerequisite of CHM 21 or 25 is required.**

**Credits: 2**

**Every Fall**

**CHM 94 Chemical Research II**

This course is a continuation of research under the supervision of a faculty advisor, culminating in a research report. Students in the Honors Program may substitute the Honors thesis (CHM 389 or 390) for CHM 94.

**Prerequisite of CHM 93 is required.**

**Credits: 2**

**Every Spring**

**CHM 97 First Year Research: Global Warming Mitigation - Carbon Dioxide Reduction**

Global warming is already having significant and harmful effects on our communities, our health, and our ecological environment. Students will work in small groups to experience the path of how a true scientist conducts scientific research: critical reading, scientific hypothesis, experimental design, experimental execution, data processing and interpretation, scientific presentation. With what you will learn in this course you may develop a practical solution to dramatically reduce our carbon emissions, slow the pace of global warming, and pass on a healthier, safer world to future generations.

**Credits: 3**

**Every Fall**

**CHM 98 Senior Research I**

This course is the first part of a two-semester research sequence, conducted under the supervision of a faculty advisor. The advisor must be selected during the first week of the semester. Students in the Honors Program may substitute the Honors tutorial (CHM 385 or 386) for CHM 98.

**Prerequisite of CHM 56 is required.**

**Credits: 3**

**Every Fall**

**CHM 99 Senior Research II**

This course is a continuation of research under the supervision of a faculty advisor, culminating in a research report. Students in the Honors Program may substitute the Honors thesis (CHM 389 or 390) for CHM 99.

**Prerequisite of CHM 98 is required.**

**Credits: 3**

**Every Spring**

**Earth Science Courses**

**ERS 1 Weather and Climate**

This course is an introduction to physical geography, the Earth and its relationship to the Sun, an introduction to map projections, meteorology and world climates, a consideration of the biogeographical features, world soils and vegetation. Three hours lecture, three hours laboratory fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

**Same as GGR 3.**

**Credits: 3**

**Every Fall**

**ERS 2 Planet Earth**

Basic principles of geomorphology (study of landforms) and the use of topographic maps and air photographs in landform interpretation are studied. Minerals, rocks and geological structures are studied as factors in the evolution of surface topography. Not open to students who have already completed Geology 1.

May be used to satisfy the requirement for Geology 1 in the Geology or Earth System Science programs. Three hours lecture, three hours laboratory fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

**Same as GGR 4.**

**Credits: 4**

**Every Fall and Summer**

**ERS 3 Oceanography**

This course introduces the geological, chemical, physical and biological aspects of the oceans. Topics include: features and origin of the ocean floor such as volcanoes and deep sea trenches, composition of ocean crust and sediment and the processes that produce them, tides, waves, currents, beaches, ecosystems, life strategies of fishes, the properties of sea water, and the effect of global climate change on the ocean. Three hours lecture, three hours laboratory fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

**Credits: 4**

**Every Fall**

**ERS 4 Environmental Sustainability Science**

This course addresses the Earth systems that human society depends on and that are affected by human activity including mineral and energy resources, water resources, soil and food resources, water, air, and soil pollution, global climate change, storm and coastal hazards, and seismic hazards. Three hours lecture, three hours laboratory fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

**Same as EVS 4.**

**Credits: 4**

**Every Fall**

**ERS 8 Our Unstable Earths Continental Drift and Plate Tectonics**

A non-specialist course designed to describe and explain the structure of the earth, the origins of the theory of continental drift and modern ideas on seafloor spreading, plate tectonics, and crustal regeneration which have "revolutionized" the earth sciences.

**Credits: 3**

**On Occasion**

**ERS 11 Introduction to Environmental Sustainability**

How can science and public policies create healthier human-environment relationships? Using an interdisciplinary approach, this course explores contemporary (regional and global) environmental threats and innovative, sustainable solutions. Key topics include food and agriculture, water supplies, forest and ocean ecosystems, biodiversity, energy, and climate.

**Same as GGR 11.**

**Credits: 3**

**Annually**

**ERS 12 Meteorology**

The earth's atmospheric environment and elements of weather are examined. Areas of study are: solar radiation and temperature, moisture in the atmosphere, atmospheric circulation, air masses and fronts, weather forecasting and the influence of human beings on meteorological processes. Three hours lecture when offered for three credits; three hours lecture, three hours laboratory when offered for four credits.

**Same as GGR 12.**

**Prerequisite ERS 1 is required.**

**Credits: 3 to 4**

**Every Spring**

**ERS 17 Introduction to Geographic Information Systems**

This course is an introduction to the hardware, software, and operations of Geographic
Information Systems (GIS), an important modern tool for the analysis of geographical data for the natural and social sciences. Students construct a GIS project and learn about GIS principles, creating and assessing spatial data sets, importing and exporting data, geocoding, tabular data files, charts, layouts, and applications. Three hours lecture when offered for three credits; three hours lecture, three hours laboratory when offered for four credits.

Same as GGR 17.
Credits: 3 to 4
On Occasion

ERS 22 Natural Disasters
This course helps students develop a critical and multidisciplinary approach to the study of natural and human triggered disasters, especially extreme phenomena, such as earthquakes, tsunami, volcanoes, hurricanes, landslides, and floods, are studied both from a geophysical approach to understand their genesis/evolution, and from the socio-economic approach to understand their impact on the built environment. Current strategies for the management and control of emergencies, forecast technologies and disaster mitigation planning, as well as sustainable development policies for recovery and reconstruction after disaster will be discussed. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

Same as GGR 22.
Credits: 4
Every Spring

ERS 85 Literacy in the Experimental Sciences
This course introduces students how to approach and utilize texts characteristic of the experimental sciences. Students will learn to critically interpret readings, quantitative data including graphical and statistical charts and tables and will learn to present material in a variety of documentation styles used in the sciences. This course provides and overview of how knowledge is acquired and presented in the laboratory sciences.

Same as BIO 85 and CHM 86.
Credits: 3
Every Fall

ERS 301 Global Environment I: Atmosphere, Weather, Climate - Honors Core
This course studies earth-sun relationships; elements of meteorology; the global pattern of climate regions; and factors determining patterns of natural vegetation and soil regions with the emphasis on the influence of human activity on all of these aspects of the natural environment. Laboratory work includes the use and study of map projections and United States weather maps; the use of weather recording instruments; and analysis of surface and high altitude pressure and wind systems. Three hours lecture, three hours laboratory; fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

Must be in Honors College
Credits: 4
Alternate Years

ERS 302 Global Environment II: Earth Materials Dynamic - Honors Core
This course studies earth-sun relationships; elements of meteorology; the global pattern of climate regions; and factors determining patterns of natural vegetation and soil regions with an emphasis on the influence of human activity on all of these aspects of the natural environment. Laboratory work includes the use and study of map projections and United States weather maps; the use of weather recording instruments; and analysis of surface and high altitude pressure and wind systems. Three hours lecture, three hours laboratory; fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

Must be in Honors College
Credits: 4
Alternate Years

Environmental Sustainability Courses

EV 4 Environmental Sustainability Science
This course addresses the Earth systems that human society depend on and that are affected by human activity including mineral and energy resources, water resources, soil and food resources, water, air, and soil pollution, global climate change, storm and coastal hazards, and seismic hazards. Three hours lecture; three hours laboratory. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

Same as ERS 4
Credits: 4
Every Fall and Spring

EV 22 Natural Disasters
This course intends to help students develop a critical and multidisciplinary approach to the study of natural and human triggered disasters. Extreme phenomena, such as earthquakes, tsunami, volcanoes, hurricanes, landslides, and floods, are studied both from a geophysical approach to understand their genesis/evolution, and from the socio-economic approach to understand their impact on the built environment. Current strategies for the management and control of emergencies, forecast technologies and disaster mitigation planning, as well as sustainable development policies for recovery and reconstruction after disaster will be discussed. Three hours lecture, three hours laboratory. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

Same as ERS/GGR 22.
Credits: 4
Every Spring

EVS 100 Senior Seminar in Environmental Sustainability
This course provides students with a structure of weekly meetings and readings so that students can successfully complete their Environmental Sustainability capstone projects. This capstone seminar will offer student opportunities to initiate independent research, preferably in the context of a recent or concurrent internship experience. Students will analyze natural processes and their management by relevant institutions, which may include government agencies, private businesses, educational institutions, and/or other nonprofit associations.
Open only to seniors in the Environmental Sustainability concentration of the BA in Interdisciplinary Studies program or with department permission.
Credits: 3
On Occasion

Forensic Science Courses

FSC 1 Introduction to Forensic Chemistry I
This course is the first part of a two-semester sequence in forensic chemistry for non-science majors. Students will learn basic forensic chemistry and how it is used in the practical real world of forensic investigations. Topics include law, science and the scientific method, forensic crime laboratory and the crime scene, fingerprint development and analysis, narcotics, forensic toxicology and death investigation.
Three hours lecture, three hours laboratory.
Credits: 4
Every Spring

FSC 39 Forensic Instrumentation
Introduction to instrumental analysis of physical crime scene evidence. Emphasis is placed on the theory and use of those analytical instruments commonly found in forensic laboratories. Laboratory methods include atomic absorption, mass, infrared and ultraviolet spectrophotometry, column, gas, liquid and thin-layer chromatography. Not open to Chemistry majors.
Three hours lecture, four hours laboratory.
Prerequisite of CHM 22 and 37 are required. Not open to Chemistry majors.
Credits: 4
Every Fall

FSC 51 Forensic Anthropology
This course is a study of the scientific techniques developed in physical anthropology to help identify human remains and understand the circumstances surrounding death. This course also examines the contribution of forensic anthropologists to the medicolegal community involved in solving both criminal and humanitarian cases of unexplained death.
Credits: 3
Annually
FSC 257 Forensic Molecular Techniques
The course provides a detailed introduction to, and history of, forensic molecular techniques and applications, and covers relevant principles from genetics and biochemistry. The subject includes principles of forensic DNA profiling and repetitive DNA in the human genome; individualization versus identification; how genetic polymorphisms arise and are maintained; continuous versus discrete allele systems; DNA isolation methods; RFLP (Restriction fragment length polymorphism) analysis methods; short tandem repeat (STR) markers; PCR-based typing systems; automated systems and DNA databases; applications of mitochondrial DNA analysis; linkage, pedigree analysis, and reverse paternity; introductory applied statistics for forensic laboratories. Three-hour lecture and four-hour laboratory.
Prerequisite of FSC 256 is required.
Credits: 4
Every Fall and Spring

FSC 271 Forensic Science Internship
Students are expected to critically employ evidence collected at a crime scene, analyze the results which may include: document collection, chemistry and toxicological evidence, serology, photography, and microscopy and report their assessment of the findings to determine how the crime was committed. A final report of the internship work is required. Internship placements are internal (on-campus) or external at an approved forensic facility. External placements are dependent on availability and with the approval of the Clinical Director. Two hundred hours are expected for this supervised practical internship.
Prerequisite of FSC 71, FSC 39 and FSC 256 are required.
Credits: 2
Every Semester

FSC 359 Interpretive Crime Scene Case Reconstruction
The course focuses on the leadership and peer mentorship roles as well as teamwork activities of student engagement. Students will investigate a staged homicide scene where subject / victims remains from a shallow grave strategically placed on campus grounds is documented and processed. Their final interpretive results from reconstructing the crime scene chain of events will culminate in each of the individual student teams presenting the findings of their semester’s long crime scene project. Areas of Concentration: Anatomy, Anthropology, Ballistics, DNA, Entomology, Forensic Psychology, Forensic Technology, Law & Evidentiary Procedures, Radiologic Technology, Toxicology, and Veterinary Sciences.
Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.
Credits: 3
On Occasion

Geography Courses

GGR 1 The Geography of Sustainable Development
Sustainable models of development seek to balance economic prosperity, technological innovation, ecological stability, social equity, and human rights. Nations and regions vary in their capacities to meet these competing objectives. Agricultural, industrial, and post-industrial economic systems pose unique challenges for sustainable development. Students will explore the way these systems develop at the urban, regional, national, and global geographic scales. Throughout the semester we examine different systems of power, their legitimacy, and how we assess their success. This course fulfills the thematic cluster requirement for Power, Institutions, and Structures.
Credits: 3
Every Fall and Spring

GGR 2 Geography and the Global Citizen
While citizenship is rooted in a national identity, an expanded notion of global citizenship is essential for understanding and addressing many 21st century issues. The course explores the demographic, ethnic, religious, linguistic, and political factors that structure global cultural diversity, and examines differences and disparities between developed and developing regions. Today's global citizens need a technical understanding of 21st century problems, like climate change, and the intercultural competence to communicate and work together effectively as a global society. This course fulfills the thematic cluster requirement for Perspectives on World Cultures.
Credits: 3
Every Fall and Spring

GGR 3 Earth Science I
This course is an introduction to physical geography, the Earth and its relationship to the Sun, an introduction to map projections, meteorology and world climates, a consideration of the biogeographical features, world soils and vegetation.
Same as ERS 1.
Three hours lecture, three hours laboratory.
Credits: 4
Every Fall, Spring and Summer

GGR 4 Planet Earth
Basic principles of geomorphology (study of landforms) and the use of topographic maps and air photographs in landform interpretation are studied. Minerals, rocks and geological structures are studied as factors in the evolution of surface topography. Not open to students who have already completed Geology 1. May be used to satisfy the requirement for Geology 1 in the Geology or Earth System Science programs. Not open to students who have already completed Geology 1.
Same as ERS 2.
Three hours lecture, three hours laboratory.
Credits: 4
Every Fall, Spring and Summer

GGR 11 Introduction to Environmental Sustainability
How can science and public policies create healthier human-environment relationships? Using an interdisciplinary approach, this course explores contemporary (regional and global) environmental threats and innovative, sustainable solutions. Key topics include food and agriculture, water supplies, forest and ocean ecosystems, biodiversity, energy, and climate.
Same as ERS 11.
Current strategies understand their genesis/evolution, and from the volcanoes, hurricanes, landslides, and floods, are phenomena, such as earthquakes, tsunami, and human triggered disasters, especially extreme multidisciplinary approach to the study of natural management, soil conservation (including the organic approach) and energy conservation.

Three hours lecture when offered for three credits; three hours laboratory when offered for four credits.

Prerequisite of GGR 11 is required.

Credits: 3 to 4

On Occasion

GGR 22 Natural Disasters

This course helps students develop a critical and multidisciplinary approach to the study of natural and human triggered disasters, especially extreme phenomena, such as earthquakes, tsunami, volcanoes, hurricanes, landslides, and floods, are studied both from a geophysical approach to understand their genesis/evolution, and from the socio-economic approach to understand their impact on the built environment. Current strategies for the management and control of emergencies, forecast technologies and disaster mitigation planning, as well as sustainable development policies for recovery and reconstruction after disaster will be discussed. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.

Same as GGR 22.

Credits: 4

Every Spring

GGR 27 Sustainable Cities and Suburbs

Sustainable cities can be joyful, ecological, healthy, and socially just. They also must balance land use, environmental quality, transportation, economic development, taxes, and cultural diversity. Specific course topics include: sustainable and healthy cities, campus ecology, urban sprawl and smart growth, green buildings, and the greening of transportation.

Same as ERS 27.

Credits: 3

On Occasion

GGR 29 Human Dimension of Climate Change

Global climate change will shape human societies in profound ways and force us to make difficult choices in the 21st century. The first half of the course will emphasize how mass media, environmentalists, and global warming critics selectively filter the work of scientists and the International Panel on Climate Change, IPCC. The second half of the semester will examine the human impacts of climate change on our economy, cities, ecological systems, and human health systems.

Credits: 3

On Occasion

GGR 56 Geography of Eastern Europe and Russia

This course consists of a consideration of Eastern Europe and Russia and their physical and human environments. General geographical principles are applied in detail to establish the essential character of the region thereby clarifying the major social, economic, and political features and problems.

Credits: 3

On Occasion

GGR 303 Human Geography: Man, Environment and Technology - Honors Core

The objective of the course is to provide an understanding of the geographical mosaic of ways of life on the Earth, "traditional" and "modern," "undeveloped" and "developed." A space-time approach is adopted to consider the relationship between human beings and the natural environment and to describe the development of technology as a factor in the evaluation and use of earth resources. Commencing with the "clean slate" of the natural earth, the course describes human evolution on the planet and the various technological stages and their repercussions through which mankind has "progressed": the Old Stone Age way of life; the emergence of the Neolithic agricultural revolution and traditional farming; the modern Technological Revolution and the problems it has brought; the population explosion and hunger; and the disparity between the "have" and "have not" nations of the world. This course is included the Perspectives of World Cultures cluster.

Must be in Honors College

Credits: 3

Every Fall

GGR 304 Human Geography: The Cultural and Demographic Environment - Honors Core

A consideration of the differential world geographical patterns produced by human beings in their occupancy of the Earth: ethnic, racial, religious and linguistic factors and their social, economic and political impact. The course also considers population geography such as world patterns of demographic distribution, problems of population growth, and the problem of "overpopulation," with detailed treatment of possible solutions to the increasing pressure of human demands on the earth's limited resources.

This course is included in the Perspectives on World Culture cluster.

Must be in Honors College

Credits: 3

Every Spring

GGR 385 Honors Tutorial

Honors Tutorial

Must be in Honors College

Mathematics Courses

MTH 1 Introduction to College Mathematics

An introduction to the fundamental concepts of contemporary mathematics with topics selected from: sets and logic, numbers theory, geometry, graph theory, topology, probability, combinatorics, algebraic structures, consumer finance, and linear programming.

Not open to students who have taken any MTH course.

Credits: 3

Every Fall, Spring and Summer

MTH 3 College Algebra and Trigonometry

A pre-calculus course providing a unified treatment of functions of algebra and trigonometry.

Credits: 4

Every Fall and Spring

MTH 38 College Algebra and Trigonometry

Same as MTH 3.

Five hours lecture/recitation.

Credits: 4

Every Fall and Spring

MTH 4 Introductory Mathematics for Business and Social Science

Sets, numbers, polynomials, solution of equations, inequalities, functions and graphs are covered.

Not open to students who have taken MTH 3, 3S, 5, 6, 7, 8.

Credits: 3
MTH 4S Introductory Mathematics for Business and Social Science
Same as MTH 4.
Four hours of lecture/recitation.
Not open to students who have taken MTH 3, 3S, 5, 6, 7, 8.
Credits: 3
Every Fall, Spring and Summer

MTH 5 Linear Mathematics for Business and Social Science
Mathematical models for business, linear programming, matrix algebra and applications are covered.
Prerequisite of MTH 4 or 4S is required.
Credits: 3
Every Fall, Spring and Summer

MTH 6 Calculus for Business and Social Science
Limits, derivatives, maxima and minima, indefinite and definite integration, and applications are covered.
Prerequisite of MTH 4 or 4S is required.
Credits: 3
Every Fall, Spring and Summer

MTH 7 Calculus and Analytic Geometry I
This course covers the derivative of algebraic and trigonometric functions with applications to rates, maximization and graphing and integration, the Fundamental Theorem, and logarithmic and exponential functions. Cannot be taken for credit by any student who has completed or is currently taking MTH 8.
Prerequisite of MTH 3 or MTH 3S with a grade of C- or better, or sufficiently high math SAT or ACT score as set by the department or permission of department.
Credits: 4
Every Fall, Spring and Summer

MTH 8 Calculus and Analytic Geometry II
This course covers the applications of the definite integral, the calculus of trigonometric methods of integration, improper integrals and infinite series.
Prerequisite of MTH 7 with a grade of C- or better or department permission is required.
Credits: 4
Every Fall, Spring and Summer

MTH 9 Calculus and Analytic Geometry III
This course covers polar coordinates, vector and matrix algebra, parametric equations and space curves, multivariable calculus (gradients, relative extrema, Lagrange multipliers), surface areas and volumes by double and triple integrals, orthogonal coordinate systems and their Jacobian transformations, potential functions, compressibility, and the theorems of Gauss, Green, and Stokes. This course can fulfill an additional requirement: the Scientific inquiry and the Natural World thematic cluster of the core curriculum alongside the laboratory science requirement.
Prerequisite of MTH 8 with a grade of C- or better or department permission is required.
Credits: 4
Every Fall

MTH 14 Fundamental Computer Mathematics
Basic notions of number representation, matrix arithmetic, logic, set theory, combinatorial analysis and graph theory are studied and algorithmic solutions to problems involving these topics are formulated in program design language.
Prerequisite of MTH 3 or the equivalent is required.
Credits: 3
On Occasion

MTH 15 Mathematics for Elementary Education I
This course develops understanding of concepts underlying the school mathematics curriculum focusing on problem solving, communication, reasoning, multiple representations, and making connections in and out of mathematics. Content includes numbers and numeration, basic arithmetic operations and algorithms, divisibility, prime factorization, integers, and rational numbers.
Credits: 3
Every Fall, Spring and Summer

MTH 16 Mathematics for Elementary Education II
Content includes review of rational numbers, proportional reasoning, decimals, percent, probability, statistics, geometry as shape, transformations, symmetry, and measurement.
Prerequisite of MTH 15 is required.
Credits: 3
Every Fall, Spring and Summer

MTH 19 Basic Statistics
This course is directed toward understanding and interpreting numerical data. Topics covered include: descriptive statistics, regression, correlation, sampling techniques and elements of inferential statistics.
Not open to students who have taken MTH 23, 41 or BIO 141.
Credits: 3
Annually

MTH 20 Introduction to Sets, Logic, and Mathematical Structures
This course covers connectives, truth tables, arguments, quantifiers in addition to the meaning of proof and valid proof, mathematical induction, set operations, properties of relations, equivalence relations, 1-1, and onto functions. This course can fulfill an additional requirement: the Scientific inquiry and the Natural World thematic cluster of the core curriculum alongside the laboratory science requirement.
Prerequisite of MTH 8 is required.
Credits: 3
Every Fall

MTH 21 Differential Equations
This course covers linear and non-linear first order differential equations, homogeneous and non-homogeneous equations of higher order, power series and the methods of Frobenius, Laplace transforms, separation of variables and Fourier series. This course can fulfill an additional requirement: the Scientific inquiry and the Natural World thematic cluster of the core curriculum alongside the laboratory science requirement.
Prerequisite of MTH 9 is required.
Credits: 4
Every Spring

MTH 22 Applied Linear Algebra
This course is an introduction to linear algebra that stresses applications and computational techniques. Topics covered include matrices, systems of linear equations, determinants, vector spaces and linear transformations, eigenvalues and eigenvectors. This course can fulfill an additional requirement: the Scientific inquiry and the Natural World thematic cluster of the core curriculum alongside the laboratory science requirement.
Prerequisite of MTH 8 is required. Not open to students who have taken MTH 19, 41 or BIO 141.
Credits: 3
Every Spring

MTH 23 Foundations of Statistical Analysis
This course is a thorough introduction to statistics as an applied mathematical science that covers discrete and continuous probability distributions, estimation procedures, hypothesis testing, linear regression and tests of correlation, sampling theory and the design of experiments.
Prerequisite of MTH 8 is required. Not open to students who have taken MTH 19, 41 or BIO 141.
Credits: 3
Annually

MTH 29 Applied Statistical Methods
This course builds on topics from MTH 23 including models for regression and correlation, point and interval estimates of parameters, and hypothesis testing. Emphasis is on multilinear regression by ANOVA and data analysis. Basic time series are also developed.
Prerequisite MTH 23 and conquisite of MTH 51 or permission of instructor is required.
Credits: 1
On Occasion

MTH 31 Advanced Calculus I
This course begins a careful treatment of the fundamental theorems of differential and integral calculus: limits of sequences, series, functions, continuity, differentiation and the Riemann integral.
Prerequisite of MTH 9 and MTH 20 or department permission is required.
Credits: 3
Alternate Fall

MTH 32 Advanced Calculus II
This course continues a careful treatment of the fundamental theorems of differential and integral
calculus: transformations of n-dimensional vector spaces, differentials and differentiation, integration and functions of several variables, line and surface integrals, and the theorems of Gauss and Stokes. Prerequisite of MTH 31 is required.

Credits: 3
Alternate Spring

MTH 41 Biostatistics
This course covers the fundamental principles of data organization, inferential statistics and correlation analysis with specific reference to their uses in biological and medical research. Same as BIO 141.
Not open to students who have taken MTH 19 or 23.
Credits: 3
Every Fall

MTH 51 Probability
This course covers probability theory with applications to discrete and continuous random variables. Prerequisites of MTH 9 and 20 or department permission are required.
Credits: 3
Every Fall

MTH 53 Stochastic Calculus
Students will learn basic mathematical concepts and techniques of stochastic calculus as applied to contemporary financial engineering. Topics will include the binomial asset pricing model, stochastic processes, risk evaluation and management, and the basic theorems of Euclidean and non-Euclidean geometries. Prerequisite of MTH 20 or the permission of the department is required.
Credits: 3
On Occasion

MTH 71 Algebraic Structures
This course covers the real and complex number systems, integral domains, groups, rings, and fields. Prerequisite of MTH 20 or the permission of the department is required.
Credits: 3
Alternate Spring

MTH 73 Fundamental Concepts of Geometry
This course covers the axiomatic study of geometry and the basic theorems of Euclidean and non-Euclidean geometries. Prerequisite of MTH 20 or the permission of the department is required.
Credits: 3
On Occasion

MTH 81 Topology
This course is a basic treatment of topology with an introduction to homotopy and homology theory. Prerequisite of MTH 71 is required.
Credits: 3

On Occasion

MTH 82 Numerical Analysis
This course covers the basic notions of numerical analysis, iterative solutions of nonlinear equations, interpolation polynomials, finite differences, numerical integration and differentiation and computer applications. Prerequisite of MTH 8 or the permission of the department is required.
Credits: 3
On Occasion

MTH 84 Introduction to Automata
This course introduces Turing machines, sequential machines, finite automata, state analysis, Godel numbering and unsolvability, push down automata and context-free language. Prerequisite of MTH 22 or the permission of the department is required.
Credits: 3
On Occasion

MTH 85 Partial Differential Equations
This course examines solutions of the heat, wave and Laplace equations; orthogonal functions including Fourier series, Fourier integrals, and Legendre polynomials; and the Dirichlet and Neumann problems are treated in this setting. Prerequisite of MTH 21 is required.
Credits: 3
On Occasion

MTH 90 Mathematics Seminar
This course is the preparation and presentation by students of selected topics from the undergraduate mathematics curriculum. Prerequisite of Senior class standing and any three of the following - MTH 20, 21, 22, 51, 61, 73 are required
Credits: 1
Every Fall

MTH 91 Independent Study
Independent study for honors and other qualified students under the guidance of a faculty member that may be repeated for credit.
Credits: 3
On Occasion

MTH 96 Internship for Financial Engineering
Supervised off-campus placement in a financial engineering organization involving the application of academic skills in a professional environment. Internships will be arranged by the Office of the President of LIU, in consultation with the department chair, and will be supervised by a mathematics faculty member. At the end of the semester, the student will submit a report to the supervising faculty member on the activities and accomplishments of the internship. Open to students who have received an A- or above in MTH 9, MTH 22, MTH 53, FIN 81, CS 113 or with permission of chair.
Credits: 2

On Demand

MTH 97 Actuarial Science Internship
Knowledge gained from coursework is applied through immersion/internship in actuary related professions such as insurance companies, consulting firms, investment banks, government regulatory organizations, and government insurance programs.
Credits: 1
On Occasion

Astronomy Courses

AST 9 Introductory Astronomy I
This course is half of a one-year course in introductory astronomy. Topics include the celestial sphere, the solar system, planetary motion, configurations and phases of the moon, and eclipses.
Same as PHY 9 without laboratory. Three hours lecture.
Students taking this course in fulfillment of the core requirements must take the course with the Laboratory (AST 9A).
This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.
Credits: 3
Every Fall

AST 9A Introductory Astronomy I Laboratory
This course is the optional laboratory for AST 9. Topics include the celestial sphere, the solar system, planetary motion, configurations and phases of the moon, and eclipses.
Three hours laboratory.
Students taking this course in fulfillment of the core requirements must take the course with the lecture (AST 9).
Prerequisite or corequisite of AST 9 is required.
Credits: 1
Every Fall and Summer

AST 10 Introductory Astronomy II
Astronomy 10 is half of a one-year course in introductory astronomy. Topics include the origin, nature, and evolution of stars, nebulae, galaxies, and the universe.
Same as PHY 10 without laboratory. Three hours lecture.
Students taking this course in fulfillment of the core requirements must take the course with the laboratory (AST 10A).
This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.
Credits: 3
Every Spring

AST 10A Introductory Astronomy II Laboratory
This course is the optional laboratory for AST 10. Topics include the origin, nature, and evolution of stars, nebulae, galaxies, and the universe.
Physics Courses

PHY 1 College Physics I
Same as Physics 11 without laboratory. Four hours lecture-recitation.
Credits: 3
On Occasion

PHY 2 College Physics II
Same as Physics 12 without laboratory. Four hours lecture-recitation.
Prequisite of PHY 1
Credits: 3
On Occasion

PHY 3 University Physics I
This is the first half of an introductory, calculus-based, physics course for science and mathematics majors, covering the laws and principles of mechanics, thermodynamics, and waves. Four hours lecture, two hours laboratory. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.
Prerequisite or corequisite of MTH 7 is required.
Credits: 4
Every Fall, Spring and Summer

PHY 4 University Physics II
Physics 4 is the second half of an introductory, calculus-based physics course for science and mathematics majors. It is concerned with the laws and principles of electricity, magnetism, and optics, and includes an introduction to modern physics. Four hours lecture, two hours laboratory. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.
Prerequisites of PHY 3, PHY 4 and prerequisite or co-requisite of MTH 9 are required.
Credits: 4
On Occasion

PHY 50 Digital Electronics
A laboratory course in the design, construction and testing of a variety of digital circuits. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.
Prequisite of PHY 4 or permission of instructor is required.
Credits: 1
On Occasion

PHY 51 Digital Electronics Laboratory
This course is an introduction to digital systems, including treatment of combinational logic, switching algebra, minimization of logic networks, flip-flops and other circuit elements, sequential networks and the design of digital systems.
Credits: 3
On Occasion

PHY 52 Control Theory
This course covers basic aspects of control theory including Laplace transforms, plant/transfer functions, stability, the sampling theorem, and graphical methods. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.
Prequisite of PHY 4 or permission of instructor is required.
Credits: 1
On Occasion

PHY 53 Control Theory Laboratory
This course studies a variety of astronomical processes and structures using a physical approach to understanding their dynamics. Topics include stellar evolution, galaxy structure, cosmology, as well as various high energy events such as supernovae and gamma ray bursts.
Prequisite of PHY 51 is required.
Credits: 3
On Occasion

PHY 1 Modern Physics for the Non-Scientist
An non-mathematical survey of 20th-century physics, specifically, the theories of relativity, quantum mechanics, and laser physics. The course stresses the basic concepts and philosophy of modern physics and its impact on today's society.

PHY 11 College Physics I
This is the first half of an introductory, non-calculus physics course, that covers the laws and principles of mechanics, thermodynamics and wave. The combination of Physics 11 and 12 satisfies the physics requirements of most schools of medicine, dentistry, physical therapy, and the like. Six hours lecture/laboratory. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.
Credits: 4
Every Fall

PHY 12 College Physics II
This is the second half of an introductory, non-calculus physics course covering electricity, magnetism, optics and an introduction to modern physics. Together with Physics 11, it satisfies the physics requirements of most schools of medicine, dentistry, physical therapy, and the like. Six hours lecture/laboratory. This course fulfills the Scientific Inquiry and the Natural World thematic cluster requirement in the core curriculum.
Prerequisite of PHY 11 is required.
Credits: 4
Every Spring

PHY 13 Classical Thermodynamics
This course examines the laws of thermodynamics in addition to thermodynamic equations for simple and heterogeneous systems and thermodynamic equilibrium.
Prerequisites of PHY 3, PHY 4 and prerequisite or co-requisite of MTH 9 are required.
Credits: 3
On Occasion

PHY 14 Modern Optics
This course examines Maxwell's equations, the wave theory of light, cavity resonators, wave guides. An introduction to Fourier optics is included.
Prerequisites of PHY 3, PHY 4 and prerequisite or co-requisite of MTH 9 are required.
Credits: 3
On Occasion

PHY 15 Modern Optics Laboratory
This course examines the wave equation and D'Alembert's solution, refractive index and absorption, least action and ray optics for lenses and mirrors, optical instruments including lasers and their limitations, interference and diffraction.
An introduction to Fourier optics is included.
Prerequisites of PHY 3, PHY 4 and prerequisite or co-requisite of MTH 9 are required.
Credits: 3
On Occasion

PHY 16 Electricity and Magnetism
This course covers electrostatics, steady currents, electromagnetic induction, magnetic fields of electric currents, magnetic materials, alternating currents and Maxwell's equations. Three hours lecture-recitation. This course can fulfill an additional requirement in the Scientific Inquiry and the Natural World thematic cluster of the core curriculum alongside the laboratory science requirement.
Prerequisites of PHY 3,4 and MTH 9 are required.
Credits: 3
On Occasion

PHY 17 Mechanics I
This course covers statics of rigid bodies and the dynamics of particles.
Prerequisites of PHY 3,4 and MTH 9 are required.
Credits: 3
On Occasion

PHY 18 Mechanics II
This course is an introduction to the physics of the 20th century. Topics covered include special relativity, the Heisenberg uncertainty principle, the Schrödinger equation, spin angular momentum, the Pauli principle, atomic and molecular structure, and perturbation theory.
Prerequisites of PHY 3, PHY 4 and prerequisite or co-requisite of MTH 9 are required.
Credits: 3
On Occasion

PHY 19 Modern Physics I
This course is an introduction to the physics of the 20th century. Topics covered include special relativity, the Heisenberg uncertainty principle, the Schrödinger equation, spin angular momentum, the Pauli principle, atomic and molecular structure, and perturbation theory.
Prerequisites of PHY 3, PHY 4 and prerequisite or co-requisite of MTH 9 are required.
Credits: 3
On Occasion
**PHY 62 Advanced Topics in Physics II**
When offered, the specific contents for that semester and the specific prerequisites for that semester are announced in advance of registration. 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*

**PHY 85 Independent Study**
Independent study under guidance of a faculty member.

*Prerequisite of one Physics course numbered 13 or above is required.
Credits: 3
On Occasion*

**PHY 86 Thesis**
This course is the continuation of PHY 85. With the guidance of a faculty member, students will write a thesis on a research project, and give an oral presentation of their work.

*Credits: 3
On Occasion*
SCHOOL OF ENGINEERING, COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE

The School of Engineering, Computer Science and Artificial Intelligence provides students with fundamental and applied knowledge of computer and digital sciences. Our goal is to develop future leaders with skills and experience sufficient to launch careers in rapidly-expanding fields, including but not limited to data acquisition, analysis and communication. Given the predominance of data in today’s world, we emphasize intersections of digital engineering, computers science and artificial intelligence with other scientific and real-world disciplines and applications. Students engage in meaningful research, with opportunities to actively contribute to scientific learning, with the potential for new breakthroughs and publications. A degree from the School of Engineering, Computer Science and Artificial Intelligence can offer many paths to future success and the ability to make meaningful contributions to the planet and to society. The degrees offered include a Bachelor of Science Artificial Intelligence or Computer Science. The school also offers a Master of Science in Artificial Intelligence.

B.S. Computer Science

Few fields offer as many career options as computer science. Embedded systems, workstations, and client/server-based applications, mobile systems, operating systems, gaming systems, and applications – all are vital to modern life and business, and all stem from computer science. The Bachelor of Science in Computer Science is the gateway to a wide array of possibilities in graduate school or rewarding careers.

The B.S. in Computer Science provides students with the knowledge and technical skills necessary to develop software systems and engage in technology startups. All computer science coursework is designed to provide graduates with a strong foundation in technical skills, an overall understanding of the business environment, and the ability to communicate these skills to the end-user.

B.S. Computer Science

[Program Code: 06996] (HEGIS: 0702.0)

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Computer Science must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1 credit</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning (MTH 6)</td>
<td>3 credits</td>
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</table>

for 7 required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific Inquiry &amp; the Natural World (PHY 3 or 11 required)</td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Add'l course from one cluster (PHY 4 or 12 required)</td>
<td>3-4 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific Inquiry &amp; the Natural World cluster</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin. Students will choose electives in order to satisfy 60-credit liberal arts requirement. Note that IT 266 requirement for the major, also counts toward liberal arts and sciences credit requirements. Students will choose electives in order to satisfy 60-credit liberal arts requirement. (Typically this means 4 classes 3.00 credits each).

Required Co-Related Courses

MTH 19 and IT 50 (as FYS) are the only co-related requirement for B.S. Computer Science majors. Please consult with your academic advisor to ensure core requirements for math and science courses are fulfilled.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 50</td>
<td>3 credits</td>
</tr>
<tr>
<td>Effective Strategies for Academic Success</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 19</td>
<td>3.00</td>
</tr>
<tr>
<td>Basic Statistics</td>
<td></td>
</tr>
</tbody>
</table>

Major Requirements

Required Computer Science Courses (54 cr.)

Must receive a C- or better in all courses to satisfy requirement.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 106</td>
<td>3.00</td>
</tr>
<tr>
<td>Foundations of Web Design and Development</td>
<td></td>
</tr>
<tr>
<td>CS 111</td>
<td>3.00</td>
</tr>
<tr>
<td>Object Oriented Programming 1</td>
<td></td>
</tr>
<tr>
<td>CS 116</td>
<td>3.00</td>
</tr>
<tr>
<td>Object Oriented Programming 2 (Data Structures)</td>
<td></td>
</tr>
<tr>
<td>CS 127</td>
<td>3.00</td>
</tr>
<tr>
<td>Introduction to Game Programming</td>
<td></td>
</tr>
<tr>
<td>CS 136</td>
<td>3.00</td>
</tr>
<tr>
<td>Networks and IT</td>
<td></td>
</tr>
<tr>
<td>CS 229</td>
<td>3.00</td>
</tr>
<tr>
<td>Foundations of Information Systems</td>
<td></td>
</tr>
</tbody>
</table>

Credit Requirements

Minimum Total: 120 credits
Minimum Liberal Arts: 60 credits
Minimum Major: 54 credits
Computer Science Courses

CLA 6 Living in a Digital World
This is a survey course of computer concepts designed for non-majors (satisfies the Computer Competency requirement). Topics include: fundamentals of hardware and software, uses and capabilities of personal computers, the Internet, and social, legal and ethical implications of computers. The prerequisite of non-major status is required. Credits: 3 Every Fall and Spring

CS 01 Preparatory Computer Science
This course is designed for students transferring units from other institutions or with life experience, where certain selected topics in our regular courses were not covered by the student's prior work. The student is taught the missing topics by means of faculty supervised independent study and laboratory work. Satisfactory completion permits the granting of full credit and advanced standing for prior work. This course may be taken more than once when required for completion of requirements in different courses. Special fee equal to tuition fee for one unit. Credits: 0 On Occasion

CS 50 Introduction to Robotics
Students will experience integration of basic programming and simple electronics in assembling devices which can "sense" their environment, allowing these devices to respond to external stimuli. This control of such devices in reacting to stimuli is at the heart of robotics. Examination, discussion and analysis of historical and current trends in robotics will allow students to gain a deeper understanding of how robotics can be deployed in today's working environments, the level of technology required to support robotics, how robots may personally affect us as individuals, and the ethics of robotics in current and future society. Credits: 3 On Occasion

CS 101 Problem Solving
This course is an introduction to problem solving and computer programming with practical exercises. Credits: 3 Every Fall

CS 106 Foundations of Web Design and Development
This course covers usage of HTML and CSS in the design and construction of web pages and sites. A focus on design with user interaction in mind is central to the courses theme. Credits: 3 Every Fall

CS 110 Programming with Python
Students will learn the essentials of programming. Fundamental constructs such as decisions, repetitions, datatypes, and basic collections of data (scalar values, arrays, lists and sets) will be covered. Students will understand problem deconstruction and basic modularization (functions). The language will be instructed against a background of "traditional" problems as well as introducing how it is applied in web scraping, data visualization, machine learning, and other examples appropriate in data management domains. No prior programming experience is necessary. Pre requisite: OS or IMT majors only Credits: 3 Every Spring

CS 111 Objected Oriented Programming I
This course discusses the fundamentals of object-oriented programming techniques using a production level language. The course begins with a review of elementary language topics, and proceeds through other topics such as: foundations of data structures, class based programming, inheritance, and polymorphism. Students will be required to produce program specification and testing documentation for each project. A pre requisite of CS 127 is required. Credits: 3 Every Fall

CS 116 Data Structures and Programming 2 (with Data Structures)
This course applies and extends the programming concepts of CS 111. The student will design and build programs of increased complexity and size. Application of more advanced data structures as well as "Big O" will be considered in building solutions. Students will be required to produce program specification and testing documentation for each project. Pre requisite of CS 111 is required or by permission. Credits: 3 Every Spring

CS 127 Design for Game Programming
This course presents the software development life cycle from the perspective of game design. Topics include: rule based scenarios, story boarding, virtual environments, interaction design, and prototyping. Credits: 3 Every Spring

CS 133 Software Systems Methodologies
This course examines software systems analysis and design in relation to various methodologies. Students will learn to express and analyze user requirements and to design components that comply to requirements. Pre requisite CS 116 is required. Credits: 3 Every Fall

CS 136 Networks and IT
This course covers a broad foundation of networking including: computer communications architectures; LANs and WANs, physical network media and their characteristics; data transmission modes and data encoding; communication protocols; gateways and message routing schemes; circuit switching and packet switching; and architecture of the Internet. Credits: 3 Every Fall

CS 151 Enterprise Python
This course covers the enterprise application of the Python language. Topics include data visualization, data manipulation and basic GUI interfaces on both desktop and Web platforms. Pre requisite of CS 111 is required or by permission. Credits: 3 On Occasion

CS 229 Foundations of Information Systems
This course covers the relationship of information systems (IS) organizations. It also covers the fundamentals of RDBMS Systems including entity relationship modeling, relational data design and basic data retrieval using SQL. Credits: 3 Every Spring

CS 233 Operating Systems with Linux
This course covers fundamental operating systems concepts and theory. Using Linux for illustration, the course examines: an overview of operating systems architecture and functionality; comparison of current operating systems; processes, synchronization, scheduling and deadlocks; physical and virtual memory management; file systems; and an introduction to network operating systems. Other operating systems will be examined for comparison. Pre or co-requisite of IT 151 is required. Credits: 3 Every Spring

CS 237 HCI and Usability
This course discusses human factors concepts applied to human-computer interface design. Three generations of interface paradigms are examined in relation to the historical development of hardware and software. Students will explore various development methodologies that have evolved and learn how to organize and plan for usability testing. Students will gain an understanding of the importance of human perception in the development of digital interfaces and the types of strategies involved in that process. Design theories are applied to usability testing problems. Pre requisite of CS 111 is required or by permission. Credits: 3 Every Spring

CS 245 Working in a Team Environment
This course examines the effective participation of information specialists, programmers, systems analysts, and other professionals in vertical, horizontal, and cross-functional teams; techniques
CS 250 Foundations of Mobile Development
The purpose of the course is to instruct students about mobile computing appropriate to web-enabled ecommerce environments. The course will emphasize web services, inter-operability, using an appropriate Interactive Development Environment, Android’s IOs programming language, packaging, application server delivery, and application to client importing. Students will experientially learn various Android mobile programming techniques and tools, the development cycle, continuous integration, release management, debugging and testing, and mobile application performance considerations.
A pre requisite of CS 106 and CS 111 are required.
Credits: 3
Alternate Fall

CS 251 Programming Languages for Data Science
This course is comparative study of high-level programming languages that are used for Data Science. Solutions will serve as a basis for language assessment in addition to “traditional” language concepts such as scope and binding, parameter passing, memory allocation, data representation and abstraction.
Prerequisite of CS 111 is required or by permission.
Credits: 3
Alternate Spring

CS 252 Compiler Theory & Design
This course includes: structure of compiler; review of basic concepts and terminology in programming analysis, finite state machines, state diagrams and graphs, state equivalence; Turing machines, finite automata; lexical analysis, regular expressions, and finite state techniques; context-free grammars; parsing methodologies; intermediate code generation and optimization.
Prerequisite of CS 251 is required.
Credits: 3
On Occasion

CS 256 Software Testing
This course covers software testing (unit, integration, system, acceptance). It includes the following topics: identifying and writing test cases, manual testing, automated testing, regression testing, non-functional testing, and test-driven development. Automated testing tools will be used. Because test-driven development results in iterative development and poor architecture and design, software refactoring to improve architecture and design will be discussed where appropriate.
Prerequisite CS 116 is required.
Credits: 3
On Occasion

CS 261 Operating Systems and Computer Architecture
This course integrates operating systems and computer architecture. Discussion centers on computer organization and management and operating systems architecture and functionality. Detailed topics include: principles of digital logic, memory management, machine and assembly language, input/output processing and control, communication internal to the computer, process scheduling, and file management.
Prerequisites: IT 151 and CS 111
Credits: 3
On Occasion

CS 266 Web Services
This course covers the programming environments that enable ecommerce and enterprise transactions. The course will emphasize: web services and interoperability.
A pre requisite CS 248 is required.
Credits: 3
On Occasion

CS 275 Programming For Cybersecurity
Students will discuss, explore and solve computer-based security issues. Topics include the monitoring, prevention and mitigation of security exposures. Students will develop solutions using high-level languages as well as open source tools in the monitoring and control of systems and components.
Prerequisites of CS 136 and 116 are required.
Credits: 3
On Occasion

CS 281 Computer Project I
Each student is expected to prepare a paper for an oral and/or written presentation on work done, under faculty supervision, dealing with computer science or information systems. Prospective students must present an outline of what they propose to a department faculty sponsor, at least three weeks prior to registration. 1-3 credits.
Credits: 1 to 3
On Occasion

CS 282 Computer Project II
Permission to register for this course is given only to those students or teams of students who have elected a project, which, in the opinion of the department faculty, requires an extra semester to complete.
Credits: 3
On Occasion

CS 283 Special Topics in Computer Science and Information Systems
When offered, the specific content to be covered in that semester and the prerequisites, for that semester, are announced in advance of registration. Students may take this course more than once as topics change.
Laboratory fee.
Credits: 3
On Occasion
**IT 266 Legal, Social and Ethical Issues**

This course covers current and emerging issues in policy formulation and conflict, roles and perspectives of major actors in the policy making process; privacy, freedom of information, intellectual property rights, information dissemination and access; security classification and restriction, computer crime, professional conduct, ethics.

*Pre or co-requisite of IT 151 is required.*

Credits: 3

Alternate Fall

**IT 281 Information Management & Technology Project**

This course is by special arrangement with the faculty and program director.

Credits: 3

On Occasion

**IT 289 Internship**

In this course, students are placed into major-related positions that take up no more than 5-6 hours per week during the semester. Academic requirements include a term paper relating the experience to the student’s major field of study, and attending and participating in weekly seminars and discussions. Topics include comparative working environments, interpersonal relations, and applications of academic knowledge to the working world.

*The pre- or co-requisite of junior or senior status and at least a 3.00 major GPA and permission of the chair are required.*

Credits: 3

On Occasion
The Department of Digital Engineering and Artificial Intelligence offers both a BS and an MS in Artificial Intelligence. Not only are these degrees timely and market relevant, but students graduating with these degrees will enter a welcoming job market with attractive salaries.

B.S. in Artificial Intelligence

The Bachelor of Science degree program in Artificial Intelligence is one of the first degrees of its kind in the country. Students in this program will build the foundational knowledge necessary to design computational systems that exhibit “human-like intelligence” such as the ability to interpret sensory input, learn from experience, understand human language, and support intelligent decision-making. Graduates will have the skillset necessary to meet industry demand for workers able to contribute to research and development in Artificial Intelligence across all industry sectors. The program begins with introductory courses in programming, computer science, mathematics, and statistics that provide a firm technical foundation. The curriculum then introduces core artificial intelligence concepts and techniques including state-space search, game-playing, machine learning, neural networks, and deep learning with applications to various domains (e.g. computer vision, natural language processing and understanding).

The program is supported by a cutting-edge learning and design center which will provide students and faculty with state-of-the-art technologies, tools, and systems to support learning and research. This center will provide students with the opportunity to develop research projects and prototypes with the same big data and artificial intelligence platforms used in cutting-edge industry applications.

Artificial Intelligence, B.S. Requirements

In addition to all major requirements, students pursuing the B.S. Artificial Intelligence must satisfy all core curriculum requirements as follows:

LIU Post Core Curriculum (34 credits)

- POST 101 1 credit
- First Year Seminar 3 credits
- English I 3 credits
- English II 3 credits

For Quantitative Reasoning and Scientific Inquiry & the Natural World,

See Required Science and Math Courses below.

- Creativity, Media and the Arts course 3 credits
- ECO 10: Introduction to Microeconomics 3 credits
- Perspectives on World Cultures course 3 credits
- PHI 8: Introduction to Philosophy 3 credits
- Power Institutions and Structures course 3 credits
- PSY 101: General Psychology 3 credits
- One additional liberal arts elective 3 credits
- Any foreign language course 3 credits

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Required Science and Math Courses (30 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1</td>
<td>Foundations of Biology</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 7</td>
<td>Calculus and Analytic Geometry I</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 8</td>
<td>Calculus and Analytic Geometry II</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 9</td>
<td>Calculus and Analytic Geometry II</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 22</td>
<td>Applied Linear Algebra</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 51</td>
<td>Probability</td>
<td>3.00</td>
</tr>
<tr>
<td>PHY 3</td>
<td>University Physics I</td>
<td>4.00</td>
</tr>
<tr>
<td>PHY 4</td>
<td>University Physics II</td>
<td>4.00</td>
</tr>
</tbody>
</table>

Artificial Intelligence, B.S. Requirements

All of the following are required (56 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI 102</td>
<td>Object Oriented Programming I</td>
</tr>
<tr>
<td>AI 117</td>
<td>Object Oriented Programming II</td>
</tr>
<tr>
<td>AI 130</td>
<td>Algorithms and Data Structures</td>
</tr>
<tr>
<td>AI 132</td>
<td>Discrete Structures</td>
</tr>
<tr>
<td>AI 148</td>
<td>Database Systems</td>
</tr>
<tr>
<td>AI 162</td>
<td>Introduction to Artificial Intelligence</td>
</tr>
<tr>
<td>AI 163</td>
<td>Data Mining and Business Intelligence</td>
</tr>
<tr>
<td>AI 164</td>
<td>Software Engineering</td>
</tr>
<tr>
<td>AI 230</td>
<td>Introduction to Algorithms</td>
</tr>
<tr>
<td>AI 232</td>
<td>Theory of Computation</td>
</tr>
</tbody>
</table>

Credit Requirements

Minimum Total Credits: 120
Required Program Credits: 60
Minimum Liberal Arts Credits: 60
<table>
<thead>
<tr>
<th>Artificial Intelligence Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AI 102 Object Oriented Programming I</strong></td>
</tr>
<tr>
<td>Credits: 3</td>
</tr>
</tbody>
</table>

| **AI 117 Object Oriented Programming II** | This course covers the most advanced features of the C++ programming language that are essential to the creation of complex structures and their applications in designing and developing programs using software engineering concepts: structures, objects and classes, function and operator overloading, collections, strings, recursion, file and string streams, pointers and dynamic data structures, inheritance and dynamic polymorphism, templates, exception handling, Standard Template Library (STL), and advanced C++ topics. Three credits; one-hour laboratory. |
| A pre requisite of AI 102 is required. | Credits: 4 | Every Fall |

| **AI 130 Algorithms and Data Structures** | A study of the design and representation of information and storage structures and their associated implementation in a block-structured language; linear lists, strings, stacks, queues, multi-linked structures, representation of trees and graphs, iterative and recursive programming techniques; storage systems, structures and allocation; file organization and maintenance; and sorting and searching algorithms. Three hours lecture, one hour laboratory. |
| A pre requisite of AI 117 is required. | Credits: 3 | Every Fall |

| **AI 132 Discrete Structures** | A study of the treatment of discrete mathematical structures and relevant algorithms used in the programming and computer science. Topics include the list, tree, set, relational and graph data models and their representation and use in searching, sorting and traversal algorithms; also, simulation, recursive algorithms and programming, analysis of running time of algorithms, and an introduction to finite state machines and automata. Three hours lecture, one hour laboratory. |
| A co requisite of AI 130 is required. | Credits: 3 | Every Fall |

| **AI 148 Database Systems** | The course is designed to impart the concepts and the practical aspects of database management systems and to provide an understanding of how data resources can be designed and managed to support information systems in organizations. Topics covered include: database system functions, Entity-Relationship (E-R) modeling, and relational database model, basic normalization techniques, data integrity, and SQL query language. Three credits; one-hour laboratory. |
| A pre requisite of AI 130 is required. | Credits: 3 | Every Fall |

| **AI 162 Introduction to Artificial Intelligence** | The course covers the basic principles of artificial intelligence. You will learn some basic AI techniques, the problems for which they are applicable, and their limitations. The course content is organized roughly around what are often considered to be three central pillars of AI: Search, Logic, and Learning. Topics covered include basic search, heuristics, search, game search, constraint satisfaction, knowledge representation, logic and inference, probabilistic modeling, and machine learning algorithms. Three credits; one-hour laboratory. |
| A pre requisite of AI 117 is required. | Credits: 4 | Every Fall |

| **AI 163 Data Mining and Business Intelligence** | The study of advanced PROLOG programming, including advanced topics in knowledge representation and reasoning methods, which include semantic networks, frames non-monotonic reasoning and reasoning under uncertainty. A study is made of concepts and design techniques in application areas, such as natural language processing, expert systems and machine learning. Introduction is made to genetic algorithms and neural networks. Three hours lecture, one hour laboratory. |
| A pre requisite of AI 117 and 162 is required. | Credits: 3 | Every Spring |

| **AI 164 Software Engineering** | A study of the variety of ways to represent human languages as computational and logical systems and to provide an understanding of how data resources can be designed and managed to support information systems in organizations. Topics include the basic definitions of algorithmic complexity (worst case, average case), basic tools such as dynamic programming, sorting, searching, and selection; advanced data structures and their applications; graph algorithms and searching techniques such as minimum spanning trees, depth first search, shortest paths, design of randomized algorithms and competitive analysis. Approximation algorithms are also briefly introduced. Three credits; one-hour laboratory. |
| The pre requisite of AI 130 and AI 132 is required. | Credits: 3 | Every Fall |

| **AI 230 Introduction to Algorithms** | This course introduces the fundamental concepts of database management systems and to provide an understanding of how data resources can be designed and managed to support information systems in organizations. Topics include the basic definitions of algorithmic complexity (worst case, average case), basic tools such as dynamic programming, sorting, searching, and selection; advanced data structures and their applications; graph algorithms and searching techniques such as minimum spanning trees, depth first search, shortest paths, design of randomized algorithms and competitive analysis. Approximation algorithms are also briefly introduced. Three credits; one-hour laboratory. |
| The pre requisite of AI 130 and AI 132 is required. | Credits: 3 | Every Spring |

| **AI 232 Theory of Computation** | The course covers the basic principles of artificial intelligence. You will learn some basic AI techniques, the problems for which they are applicable, and their limitations. The course content is organized roughly around what are often considered to be three central pillars of AI: Search, Logic, and Learning. Topics covered include basic search, heuristics, search, game search, constraint satisfaction, knowledge representation, logic and inference, probabilistic modeling, and machine learning algorithms. Three credits; one-hour laboratory. |
| A pre requisite of AI 117 is required. | Credits: 4 | Every Fall |

| **AI 233 Natural Language Processing** | The course serves as an introduction to natural language processing (NLP), the goal of which is to enable computers to use human languages as input, output, or both. NLP is at the heart of many of today's most exciting technological achievements, including machine translation, automatic conversational assistants and Internet search. The course presents the variety of ways to represent human languages as computational and logical systems and to provide an understanding of how data resources can be designed and managed to support information systems in organizations. Topics include the basic definitions of algorithmic complexity (worst case, average case), basic tools such as dynamic programming, sorting, searching, and selection; advanced data structures and their applications; graph algorithms and searching techniques such as minimum spanning trees, depth first search, shortest paths, design of randomized algorithms and competitive analysis. Approximation algorithms are also briefly introduced. Three credits; one-hour laboratory. |
| The pre requisite of AI 130 and AI 132 is required. | Credits: 3 | Every Fall |

| **AI 234 Theory of Computation** | The course emphasizes theoretical models of computation and their analysis. The aim of the analysis is to identify and prove the capabilities and limitations of particular models of computation. The course investigates two fundamental questions about computing: 1) computability; can a problem be solved using a given abstract machine? And 2) complexity; how much time and space are required to solve the problem? The course explores these questions by developing abstract models of computation and reasoning about what they can do and cannot do efficiently. The abstract models include finite automata, regular languages, context-free grammars, and Turing machines. Additional topics covered include solvable and unsolvable problems, complexity classes P and NP, and NP-completeness. |
| The pre requisite of AI 130 is required. | Credits: 3 | Every Spring |

| **AI 235 Machine Learning** | A study of the design and representation of information and storage structures and their associated implementation in a block-structured language; linear lists, strings, stacks, queues, multi-linked structures, representation of trees and graphs, iterative and recursive programming techniques; storage systems, structures and allocation; file organization and maintenance; and sorting and searching algorithms. Three hours lecture, one hour laboratory. |
| A pre requisite of AI 117 is required. | Credits: 3 | Every Fall |

| **AI 236 Data Mining** | The study of advanced PROLOG programming, including advanced topics in knowledge representation and reasoning methods, which include semantic networks, frames non-monotonic reasoning and reasoning under uncertainty. A study is made of concepts and design techniques in application areas, such as natural language processing, expert systems and machine learning. Introduction is made to genetic algorithms and neural networks. Three hours lecture, one hour laboratory. |
| A pre requisite of AI 117 and 162 is required. | Credits: 3 | Every Fall |

| **AI 237 Artificial Intelligence** | A study of the variety of ways to represent human languages as computational and logical systems and to provide an understanding of how data resources can be designed and managed to support information systems in organizations. Topics include the basic definitions of algorithmic complexity (worst case, average case), basic tools such as dynamic programming, sorting, searching, and selection; advanced data structures and their applications; graph algorithms and searching techniques such as minimum spanning trees, depth first search, shortest paths, design of randomized algorithms and competitive analysis. Approximation algorithms are also briefly introduced. Three credits; one-hour laboratory. |
| The pre requisite of AI 130 and AI 132 is required. | Credits: 3 | Every Fall |
AI 344 Artificial Intelligence Language Understanding
The central focus of the course is to enable robust and effective human-computer interaction between humans and machines without supervision. To infer intent and deal with human language ambiguities in text and speech, the course combines advanced concepts of Natural Language Processing, Neural Networks, and Deep learning. Using core NLP technologies, the course takes an experimental approach to develop prototypes of chat and speech enabled intelligent agents that can effectively interact with the public without supervision.
Three credits; one-hour laboratory.
The prerequisite of AI 233 is required.
Credits: 3
Every Fall

AI 248 Introduction to Big Data Computing
This course provides an in-depth coverage of various topics in big data from data generation, storage, management, to data analytics with focus on the state-of-the-art technologies, tools, architectures, and systems that form today’s leading edge big data computing solutions in various industries. The course will focus on the mathematical and statistical models that are used in learning from large scale data processing, the modern systems for cluster computing based on Map-Reduce pattern such as Hadoop MapReduce and Apache Spark; the implementation of big data solutions, including student projects on real cloud-based systems such as Amazon AWS, Google Cloud, or Microsoft Azure.
Three credits; one-hour laboratory.
The prerequisite of AI 163 is required.
Credits: 3
Every Spring

AI 250 Machine Learning
Machine learning, a branch of Artificial Intelligence (AI), uses interdisciplinary techniques to create intelligent automated systems that can learn from examples, data, and experience. Such systems process large volumes of data at high speed to make predictions or decisions without human intervention. Machine learning as a field is now incredibly pervasive, with applications spanning from business intelligence to homeland security, from analyzing biochemical interactions to structural monitoring of aging bridges, from automated manufacturing to autonomous vehicles, etc. This class will familiarize students with a broad cross-section of models and algorithms for machine learning and their applications in various domains. Both supervised and unsupervised learning methods will be covered.
Three credits; one-hour laboratory.
The prerequisite of AI 162 is required.
Credits: 3
Every Spring

AI 255 Cloud Computing Concepts
The course presents a top-down view of cloud computing, from applications and administration to programming and infrastructure. Its main focus is on parallel programming techniques for cloud computing and large scale distributed systems which form the cloud infrastructure. The topics include: overview of cloud computing, cloud systems, parallel processing in the cloud, distributed storage systems, virtualization, security in the cloud, and multicore operating systems. Students will study state-of-the-art solutions for cloud computing developed by Google, Amazon, Microsoft, Yahoo, VMware, etc. Students will also apply what they learn in one programming assignment and one project executed over Amazon Web Services.
Three credits; one-hour laboratory.
The prerequisite of AI 248 is required.
Credits: 3
Every Spring

AI 260 Deep Learning
This course is an introduction to deep learning, a branch of machine learning concerned with the development and application of modern neural networks. Deep learning algorithms extract layered high-level representations of data in a way that maximizes performance on a given task. For example, asked to recognize faces, a deep neural network may learn to represent image pixels first with edges, followed by larger shapes, then parts of the face like eyes and ears, and, finally, individual face identities. Deep learning is behind many recent advances in artificial intelligence, including Siri’s speech recognition, Facebook’s tag suggestions, and self-driving cars. A range of topics are covered which include basic neural networks, convolutional and recurrent network structures, deep unsupervised and reinforcement learning, and applications to various problem domains (e.g. speech recognition, computer vision, handwriting recognition, etc).
Three credits; one-hour laboratory.
The prerequisite of AI 250 is required.
Credits: 3
Every Spring

AI 265 Introduction of Modern Cryptography
Cryptography is the formal study of the notion of security in information systems. The course will offer a thorough introduction to modern cryptography focusing on models and proofs of security for various basic cryptographic primitives and protocols including key exchange protocols, commitment schemes, digital signature algorithms, oblivious transfer protocols and public key encryption schemes. Applications to various problems in secure computer and information systems will be briefly discussed including secure multiparty computation, digital content distribution, evoting systems, digital payment systems, and cryptocurrencies.
THE ROOSEVELT SCHOOL

The Roosevelt School provides students with an international relations and diplomacy foundation, with the goal to develop future leaders with proficiency in advancing policy solutions around the globe. Students engage in transformational research, in conjunction with diplomacy and policy, to advance global progress. As the world becomes increasingly connected, there exists a need for professionals who possess cross-cultural capabilities in technology, management, and government relations; as such, the B.A. in International Relations & Diplomacy offers an M.B.A. option and Ph.D. in Information Studies and prepares students for a variety of international careers. The Roosevelt School is also the home of the Steven S. Hornstein Center for Policy, Polling, and Analysis. Through independent polling, the Center supports empirical research and analysis on a wide range of public issues. The Global Service Institute is also under the umbrella of the Theodore Roosevelt School.

DEPARTMENT OF INTERNATIONAL RELATIONS & DIPLOMACY

B.A. International Relations & Diplomacy

The Roosevelt School at Long Island University offers immersive studies in international relations and diplomacy, public policy, administration, and leadership through a comprehensive range of degree programs. The Roosevelt School experience is defined by the excellence of the Roosevelt’s legacy.

The prestigious Roosevelt School’s Bachelor of Arts in International Relations & Diplomacy prepares graduates for domestic and international leadership positions. The International Relations and Diplomacy’s vibrant curriculum engages students in a comprehensive examination of international politics, negotiation and leadership. Coursework is supplemented by internships at renowned institutions, including the United Nations, for a richer understanding of international affairs. These educational and occupational experiences will prepare you for positions with multinational corporations, private foundations, think-tanks, non-profit organizations and government agencies, and are excellent preparation for graduate study.

B.A. International Relations & Diplomacy

[Program Code: 84034] [HEGIS: 2210.0]

<table>
<thead>
<tr>
<th>Core Curriculum Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>In addition to all major requirements, students pursuing the B.A. International Relations and Diplomacy must satisfy all core curriculum requirements as follows:</td>
</tr>
</tbody>
</table>

**LIU Post Thematic Core Curriculum (32-33 credits)**

| POST 101 | 1 credit |
| First-Year Seminar | 3 credits |
| Writing I | 3 credits |
| Writing II | 3 credits |
| Quantitative Reasoning | 3 credits |
| Scientific Inquiry & the Natural World | 4 credits |
| Creativity, Media & the Arts | 3 credits |
| Perspectives on World Cultures | 3 credits |
| Self, Society & Ethics | 3 credits |
| Power, Institutions & Structures | 3 credits |
| Additional course from one cluster | 3-4 credits |

**Major Requirements**

**Required International Relations and Diplomacy Courses**

Must complete all of the following:

| IRD 51 | International Relations |
| IRD 64 | World Leaders and Foreign Policy |
| IRD 91 | Diplomacy and Negotiation |

The following is required:

| IRD 15 | Research Methods |

**Required Capstone Course**

One of the following:

| IRD 62 | Research Seminar - International Relations |
| IRD 93 | International Relations Internship |

**Elective International Relations and Diplomacy Courses**

7 of the following:

| IRD 7 | Political Aspects of Economics |
| IRD 31 | Espionage and Intelligence |
| IRD 34 | US as a World Power |
| IRD 35 | History of the US Presidency |
| IRD 41 | International Economics |
| IRD 45 | US National Security |
| IRD 46 | American Foreign Policy |

| IRD 50 | International Organizations |
| IRD 53 | International Law I |
| IRD 56 | World Affairs since 1945 |
| IRD 61 | Modern China: Political Doctrines and Society |
| IRD 65 | Politics of the European Union |
| IRD 66 | Politics of South and Southeast Asia |
| IRD 67 | Politics of East Asia |
| IRD 68 | Politics of Western Europe |
| IRD 69 | Politics of Eastern Europe |
| IRD 70 | Politics of the Middle East |
| IRD 71 | Politics of Russia |
| IRD 72 | Politics of Africa |
| IRD 73 | Politics of Latin America |
| IRD 94 | Advanced Internship |

**Credit Requirements**

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 90

**ACCELERATED/SHARED CREDIT PROGRAM**

**B.A. International Relations & Diplomacy and Master of Business Administration**

The Roosevelt School’s dynamic Bachelor of International Relations & Diplomacy coupled with a Masters of Business Administration through shared credit provides exceptional students the ability to graduate in four years with the education and skills to succeed domestically or internationally. This accelerated degree program offers an alternative to traditional business education. Designed for today’s interdependent world – where political and economic forces operate in a global arena – the 4-year program combines the knowledge of global relations and policy, with preparation in management, marketing, finance and world business. Graduates are uniquely equipped for careers in politics, multinational corporations, government and international organizations.

To gain international expertise, students have the option of studying abroad for a semester or an entire year at Long Island University’s Global College centers in Europe, China, or Australia. Long Island University’s School of Business is
one of the elite 5 percent of programs accredited by the Association to Advance Collegiate Schools of Business, and has been recognized in The Princeton Review as a “Best Business School” for 15 consecutive years.

B.A. International Relations & Diplomacy and M.B.A. Business Administration
Program Code 84034 and 79096
HEGIS: 2210 and 0506.0

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.A. International Relations & Diplomacy / M.B.A. Business Administration must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum
(32-33 credits)
- POST 101 First-Year Seminar 1 credit
- Writing I 3 credits
- Writing II 3 credits
- Quantitative Reasoning (must take MTH 5) 3 credits
- Scientific Inquiry & the Natural World 4 credits
- Creativity, Media & the Arts 3 credits
- Perspectives on World Cultures 3 credits
- Self, Society & Ethics 3 credits
- Power, Institutions & Structures (must take ECO 10) 3 credits
- Additional course from one cluster (must take ECO 11) 3-4 credits

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Ancillary Requirements:
*Students must pass a level 4 foreign language course, or show level 4 proficiency in a language other than English, or complete ECO 10: Introduction to Microeconomics and ECO 11: Introduction to Macroeconomics

Undergraduate Major Requirements

Major Requirements

Required International Relations and Diplomacy Courses
All of the following:
- IRD 51 International Relations 3.00
- IRD 64 World Leaders and Foreign Policy 3.00
- IRD 91 Diplomacy and Negotiation 3.00

Required Methodology Course

Required Capstone or Internship Course
One of the following:
- IRD 62 Research Seminar - International Relations 3.00
- IRD 93 International Relations Internship 3.00

Elective International Studies Courses
Seven courses (21 credits) choose from any of the following:
- IRD 7 Political Aspects of Economics 3.00
- IRD 31 Espionage and Intelligence 3.00
- IRD 34 US as a World Power 3.00
- IRD 35 History of the US Presidency 3.00
- IRD 41 International Economics 3.00
- IRD 45 US National Security 3.00
- IRD 46 American Foreign Policy I 3.00
- IRD 50 International Organizations 3.00
- IRD 53 International Law I 3.00
- IRD 56 World Affairs since 1945 3.00
- IRD 61 Modern China: Political Doctrines and Society 3.00
- IRD 65 Politics of the European Union 3.00
- IRD 66 Politics of South and Southeast Asia 3.00
- IRD 67 Politics of East Asia 3.00
- IRD 68 Politics of Western Europe 3.00
- IRD 69 Politics of Eastern Europe 3.00
- IRD 70 Politics of the Middle East 3.00
- IRD 71 Politics of Russia 3.00
- IRD 72 Politics of Africa 3.00
- IRD 73 Politics of Latin America 3.00
- IRD 94 Advanced Internship 3.00

Required General Business Area of Specialization
All of the following:
- To be admitted into the MBA portion, these courses must be completed with a grade of B or better.
- FIN 11 Corporation Finance 3.00
- FIN 71 Global Financial Markets 3.00

Credit and GPA Requirements
Minimum Total Credits: 150
Minimum Total Undergraduate Credits: 120
Minimum Graduate Credits: 39
Minimum Undergraduate Liberal Arts Credits: 90
Minimum Undergraduate Major GPA: 3.20
Minimum Undergraduate Cumulative GPA: 3.20
Minimum Graduate GPA: 3.00

Required Graduate Major Requirements

Required Graduate Management Perspective Courses
All of the following:
- MBA 621 Financial Markets and Institutions 3.00
- MBA 622 Competitive Marketing Strategy 3.00
- MBA 623 Organizational Behavior 3.00
- MBA 624 Operations Management 3.00

Elective Graduate Business Courses
Five courses/fifteen credits from all 700-level business courses (FIN, IBU, MAN, MIS and MKT), BLW 701 and TAX 726.

Required Capstone Graduate Business Course
- MBA 820 Business Policy 3.00

Minimum Graduate GPA: 3.00
International Relations & Diplomacy Courses

IRD 7 Political Aspects of Economics
This course is an examination of the political aspects of economic institutions and processes with particular attention to the relationship of governments and markets on the domestic and international levels.
Credits: 3
Not Set

IRD 15 Research Methods International Relations
This course will provide students with a broad overview of IRD research. Topics to be covered include: general principles of theory, and concepts; research design, variables and hypotheses, citations and reference; international news sources and polling data; primary sources and repositories for diplomatic documents; a basic understanding of regression analysis; and the ability to create a research or policy paper as well as research reports.
Credits: 3
Not Set

IRD 31 Espionage and Intelligence
This course surveys the history and activities of American espionage and intelligence communities. Topics to be covered include tools of the trade, cryptography, spies in literature and Hollywood, celebrated real-life spies, covert military operations, foreign intelligence agencies, the evolution of the CIA, intelligence reform and congressional oversight, homeland security, and high-tech sleuthing in the 21st century.
Credits: 3
Every Fall

IRD 34 US as a World Power
A Cold War history of U.S. Foreign Policy, examining the aftermath of World War II and America’s new role as a global superpower. Topics to be studied include new institutional apparatus in diplomacy, containment theory and policy, Cold War crises under Truman, Eisenhower’s “waging peace,” the Vietnam War, 1970s détente, Reagan’s diplomacy with the Soviet Union, and the Cold War’s conclusion.
Credits: 3
Not Set

IRD 35 History of the US Presidency
A history of the presidency, from its creation to the early twentieth century, which will cover great presidents, failures, and those in-between. Topics will include domestic and foreign policies, wars, achievements, blunders, and scandals. We will also examine presidents’ personalities, speaking styles, and health crises.
Credits: 3
Not Set

IRD 41 International Economics
This course examines the economic aspects of globalization. Attention is paid to international trade in goods and services, international flows of capital (through international lending and borrowing), and migration. Topics include trade theory, tariffs, and other protectionist policies, trade agreements between nations, the World Trade Organization, balance of payments, exchange rates, and the European Monetary Union.
Credits: 3
Not Set

IRD 45 US National Security
This course evaluates the area of U.S. national security with emphasis on military and strategic problems during the Cold War and Post-Cold War eras; defense policy-making; conventional and nuclear dimensions of defense issues; and strategic interests of the United States around the world.
Credits: 3
Not Set

IRD 46 American Foreign Policy I
This course evaluates the continuity and change in American foreign policy goals, strategies, and tactics from the 18th century to World War II. Particular attention is devoted to constitutional issues and the decision-making process.
Credits: 3
Not Set

IRD 50 International Organizations
A study of the origins, role, structure and function of international institutions essential to an understanding of the global system and its attempts at organization. Possible areas of study include the United Nations, the European Union, and World Trade Organizations.
Credits: 3
Not Set

IRD 51 International Relations
This course considers the development and characteristics of relations among states, national policy, sources of strength and weaknesses in the policies of states, actual and potential importance of areas of the world in determining the course of world events. Must be taken by all Political Science majors. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.
Credits: 3
Not Set

IRD 53 International Law I
This course is a study of the concepts of sovereignty and the international community and the development of international organizations from ancient times to the creation of the United Nations.
Credits: 3
Not Set

IRD 56 World Affairs since 1945
This course studies the impact of World War II upon the state system, the cold war and the development of bipolar international politics, the United Nations as an instrument for international order and security, the decline of the colonial system and the emergence of new states, development of the People’s Republic of China and Western Europe as new power centers.
Credits: 3
Not Set

IRD 60 Engaged Citizenships Applications of Democracy, Service, and the Pursuit of Happiness
This course focuses on the theory and practice of democracy, service, and the pursuit of happiness towards a fulfilling and flourishing life. Topics include democracy, citizenship, current events, critical thinking, self-awareness, communication, service-learning, and the science of happiness.
Credits: 3
Every Fall

IRD 61 Modern China: Political Doctrines and Society
The influence of political thought on societal change in modern China from the late Imperial Period to the present is examined.
Credits: 3
Not Set

IRD 62 Research Seminar - International Relations
This course will provide students with a broad overview of IRD research and current international challenges, conflicts and historical solutions. Topics to be covered include: general principles of theory, and concepts; research design, variables and hypotheses, citations and reference; statistics and statistical analysis; international news sources and polling data; primary sources and repositories for diplomatic documents; a basic understanding of regression analysis; and the ability to create a research or policy paper as well as research reports.
Credits: 3
Not Set

IRD 64 World Leaders and Foreign Policy
This course will provide students with a broad overview of IRD research and current international challenges, conflicts and historical solutions. Topics to be covered include: general principles of theory, and concepts; research design, variables and hypotheses, citations and reference; statistics and statistical analysis; international news sources and polling data; primary sources and repositories for diplomatic documents; a basic understanding of regression analysis; and the ability to create a research or policy paper as well as research reports.
Credits: 3
Not Set

IRD 66 World Leaders and Foreign Policy
This course will provide students with a broad overview of IRD research and current international challenges, conflicts and historical solutions. Topics to be covered include: general principles of theory, and concepts; research design, variables and hypotheses, citations and reference; statistics and statistical analysis; international news sources and polling data; primary sources and repositories for diplomatic documents; a basic understanding of regression analysis; and the ability to create a research or policy paper as well as research reports.
Credits: 3
Not Set

IRD 69 Religion, Power, and Conflict
This course will provide students with a broad overview of IRD research and current international challenges, conflicts and historical solutions. Topics to be covered include: general principles of theory, and concepts; research design, variables and hypotheses, citations and reference; statistics and statistical analysis; international news sources and polling data; primary sources and repositories for diplomatic documents; a basic understanding of regression analysis; and the ability to create a research or policy paper as well as research reports.
Credits: 3
Not Set

IRD 70 Religion, Power, and Conflict
This course will provide students with a broad overview of IRD research and current international challenges, conflicts and historical solutions. Topics to be covered include: general principles of theory, and concepts; research design, variables and hypotheses, citations and reference; statistics and statistical analysis; international news sources and polling data; primary sources and repositories for diplomatic documents; a basic understanding of regression analysis; and the ability to create a research or policy paper as well as research reports.
Credits: 3
Not Set

IRD 71 Religion, Power, and Conflict
This course will provide students with a broad overview of IRD research and current international challenges, conflicts and historical solutions. Topics to be covered include: general principles of theory, and concepts; research design, variables and hypotheses, citations and reference; statistics and statistical analysis; international news sources and polling data; primary sources and repositories for diplomatic documents; a basic understanding of regression analysis; and the ability to create a research or policy paper as well as research reports.
Credits: 3
Not Set
IRD 65 Politics of the European Union
This course covers the history, institutions and selected policies of the European Union.
Credits: 3
Not Set

IRD 66 Politics of South and Southeast Asia
This course covers political developments in South and Southeast Asia in the 20th century such as: colonialism and the nationalist revolts, new governments their problems and politics, conflicts of interest of the great powers.
Credits: 3
Not Set

IRD 67 Politics of East Asia
This course is an examination of the political institutions and processes of China, Japan, and Korea.
Credits: 3
On Occasion

IRD 68 Politics of Western Europe
This course covers internal government structures, principles and practices of leading Western European powers.
Credits: 3
Not Set

IRD 69 Politics of Eastern Europe
This course covers internal government structures, principles and practices of leading Eastern European powers.
Credits: 3
Not Set

IRD 70 Politics of the Middle East
This course covers internal government structures, principles and practices of selected countries in the Middle East.
Credits: 3
Not Set

IRD 71 Politics of Russia
This course is an analysis of the institutions, processes and theoretical foundations of government and politics from the Imperial period to the present.
Credits: 3
Not Set

IRD 72 Politics of Africa
This course covers the internal government structures, principles and practices of selected countries in Africa.
Credits: 3
Not Set

IRD 73 Politics of Latin America
This course covers the internal structures, principles and practices of leading Latin American countries.
Credits: 3
Not Set

IRD 74 Diplomacy and Negotiation
This course provides an introduction to the core concepts, processes, and techniques of diplomacy and negotiation. The course focuses on the role of diplomacy by individuals and governments (Track I diplomacy) and other types of diplomacy (Track II and III diplomacy).
Credits: 3
Annually

IRD 94 Advanced Internship
Placement with a public or private entity within the domestic or international environment provides direct experience in politics and/or law.
Credits: 3
Not Set
**SCHOOL OF PROFESSIONAL ACCOUNTANCY**

The School of Professional Accountancy holds the proud distinction of being the first autonomous school of professional accountancy in the nation. Founded in 1974, the School prepares students for careers in accounting as auditors, forensic accountants, tax professionals, financial planners, and more. The Accounting curriculum qualifies students to sit for the Certified Public Accountant (CPA) examination in New York State.

The School’s Master of Science degree is offered in accountancy (select a concentration in professional accounting or taxation). Graduate programs in accountancy and tax are offered fully online. 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.

**B.S. Accountancy**

The Bachelor of Science in Accountancy prepares students for careers in public, corporate, governmental, and not-for-profit accounting, as well careers in budgeting, forecasting, and analysis. Over the course of their studies, students receive many opportunities to participate in paid internships, and nearly 100% of graduates from the LIU Post B.S. in Accountancy program land jobs at the Big Four accounting firms or at other prestigious accounting firms in the NYC/metropolitan area. Alumni of this program can be found in leadership positions in some of the world’s most prestigious businesses.

The B.S. in Accountancy program is characterized by a friendly and professional atmosphere. Professors with extensive professional accounting experience and top academic credentials lead small classes, and interact closely with students.

The curriculum of the B.S. in professional accountancy program prepares students for the CPA exam. It teaches them to solve problems using the most widespread and state-of-the-art accounting software programs. The LIU Post Accounting Society and the Kappa Omicron Chapter of Beta Alpha Psi are active student bodies that bring practicing accounting professionals to campus and hosts formal and informal events throughout the year.

**B.S. Accountancy**

*Program Code: 06983 [HEGIS:0502.0]*

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.S. Accountancy must satisfy all core curriculum requirements as follows:

<table>
<thead>
<tr>
<th>LIU Post Thematic Core Curriculum (32-33 credits)</th>
<th>Required Accountancy Courses</th>
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<td>POST 101</td>
<td>Accounting Principles I</td>
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<td>First-Year Seminar</td>
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For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

**Major Requirements**

Students must have a grade of C or better in all courses to fulfill this requirement.

| ACC 11 Accounting Principles I 3.00 |
| ACC 12 Accounting Principles II 3.00 |
| ACC 21 External Reporting I 3.00 |
| ACC 22 External Reporting II 3.00 |
| ACC 61 Managerial Cost Analysis 3.00 |
| ACC 80 Accounting Information Systems 3.00 |
| ACC 82 Auditing 3.00 |
| ACC 84 Tax & Business Strategies 3.00 |
| ACC 85 Advanced Taxation 3.00 |
| ACC 90 Applications in Accounting 3.00 |

**Required Business Courses**

Student must complete at least 50% (12 credits) of business courses at LIU Post to graduate.

| FIN 11 Principles of Finance I 3.00 |
| FIN 12 Principles of Finance II 3.00 |
| LAW 13 Legal Environment of Business 3.00 |
| LAW 19 Commercial Law and Business Transactions 3.00 |
| MAN 11 Principles of Management 3.00 |
| MIS 20 Information Systems Management 3.00 |

**Required Co-Related Courses**

| ECO 10 Introduction to Microeconomics 3.00 |
| ECO 11 Introduction to Macroeconomics 3.00 |
| MTH 5 Linear Algebra for Business and Social Science 3.00 |
| MTH 6 Calculus for Business and Social Science 3.00 |

Note that ECO 10, ECO 11 and Math 5 are mentioned in the first section as core requirements and repeated here for clarity. Students that do not display computer literacy (either through placement examination or previous course work) may be required to take CLA 6 (3 credits). Students must complete one of the following:

| ORC 1 Public Speaking 3.00 |
| ORC 17 Speech Communication in Organizations 3.00 |

**Credit Requirements**

| Minimum Total Credits: 120 |
| Minimum Liberal Arts Credits: 60 |
| Minimum Accounting and Business Credits: 54 |

**ACCELERATED SHARED CREDIT PROGRAMS**

**B.S. and M.S. Accountancy**

*Program Codes: 06983 and 06982 [HEGIS: 0502.0]*

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.S. / M.S. Accountancy must satisfy all core curriculum requirements as follows:

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For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

| MKT 11 Marketing Principles and Practices 3.00 |
| QAS 19 Business Analytics 3.00 |
| QAS 20 Business Statistics 3.00 |

**Required Co-Related Courses**

| ECO 10 Introduction to Microeconomics 3.00 |
| ECO 11 Introduction to Macroeconomics 3.00 |
| MTH 5 Linear Algebra for Business and Social Science 3.00 |
| MTH 6 Calculus for Business and Social Science 3.00 |

**Required Business Courses**

Student must complete at least 50% (12 credits) of business courses at LIU Post to graduate.

| FIN 11 Principles of Finance I 3.00 |
| FIN 12 Principles of Finance II 3.00 |
| LAW 13 Legal Environment of Business 3.00 |
| LAW 19 Commercial Law and Business Transactions 3.00 |
| MAN 11 Principles of Management 3.00 |
| MIS 20 Information Systems Management 3.00 |

**Required Co-Related Courses**

| ECO 10 Introduction to Microeconomics 3.00 |
| ECO 11 Introduction to Macroeconomics 3.00 |
| MTH 5 Linear Algebra for Business and Social Science 3.00 |
| MTH 6 Calculus for Business and Social Science 3.00 |

**Note:**

- Students that do not display computer literacy (either through placement examination or previous course work) may be required to take CLA 6 (3 credits).
- Students must complete one of the following:
  - ORC 1 Public Speaking 3.00
  - ORC 17 Speech Communication in Organizations 3.00
Self, Society & Ethics 3 credits
Power, Institutions & Structures 3 credits
(ECO 10 required)
Additional course from one 3-4 credits cluster (ECO 11 required)
For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Undergraduate Major Requirements
Required Undergraduate Co-Related Courses
These do not count toward the major.

Required Undergraduate Business Courses
All courses must be completed with a grade of C or better (B or better in ACC 11 and ACC 12)

ACC 11 Accounting Principles I 3.00
ACC 12 Accounting Principles II 3.00
ACC 21 External Reporting I 3.00
ACC 22 External Reporting II 3.00
ACC 61 Managerial Cost Analysis 3.00
ACC 80 Accounting Information Systems 3.00
ACC 82 Auditing 3.00
ACC 84 Tax & Business Strategies 3.00
ACC 85 Advanced Taxation 3.00
ACC 90 Applications in Accounting 3.00

Required Undergraduate Business Courses
All courses must be completed with a grade of B or better

FIN 11 Principles of Finance I 3.00
FIN 12 Principles of Finance II 3.00
LAW 13 Legal Environment of Business 3.00
LAW 19 Commercial Law and Business Transactions 3.00
MAN 11 Principles of Management 3.00
MAN 620* Managing Information Technology and e-Commerce 3.00
MBA 624* Operations Management 3.00
MKT 11 Marketing Principles and Practices 3.00
QAS 20 Business Statistics 3.00

*Note that dual degree candidates in the B.S./M.S. program may take MBA 620 (Managing Information Technology and e-Commerce) in place of MTH 20 (Information Systems Management) and may take MBA 624 (Operations Management) in place of QAS 19 (Business Analytics). These do not count toward the required 30 graduate credits (as is the case for the Dual B.S./M.B.A.).

Undergraduate Major Requirements
Required Graduate Accounting Courses (21 credits)

ACC 742 Financial Statement Analysis 3.00
ACC 750 Advanced Accounting Information Systems 3.00
ACC 720 Not-for-Profit Entity Accounting 3.00
ACC 753 Advanced Auditing and Data Analytics 3.00
ACC 754 Forensic Accounting 3.00
ACC 790 Accounting Seminar 3.00

Elective Graduate Accounting & Taxation Courses
Students must complete three of the following electives (9 credits total). Note that with department approval, students may opt to select electives from the list of any FIN, IBU, MAN, ORC, TAX, MTH or QAS courses 700 or above:

TAX 625 Fed. Taxation of Estates, Gifts and Trusts 3.00
TAX 726 Tax Strategies and Business Decisions 3.00
TAX 729 State & Local Taxation 3.00
TAX 760 Tax Research 3.00
TAX 762 Procedures and Practices in Federal Taxation 3.00
TAX 771 Corporate Taxation 3.00

Required Graduate Core Courses

ECO 10 Introduction to Microeconomics 3.00
ECO 11 Introduction to Macroeconomics 3.00
MTH 5 Linear Algebra for Business and Social Science 3.00
MTH 6 Calculus for Business and Social Science 3.00

Note that ECO 10, ECO 11 and MTH 5 are mentioned in the first section as core requirements and repeated here for clarity. Students that do not display computer literacy (either through placement examination or previous course work) may be required to take CLA 6 (3 credits).

Students must complete one of the following:

ORC 1 Public Speaking 3.00
ORC 17 Speech Communication in Organizations 3.00

Required Graduate Core Courses

TAX 722 Corporate Reorganizations and Consolidations 3.00
TAX 773 Consolidated Returns 3.00
TAX 775 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 Organization 3.00
TAX 780 Fundamentals of Qualified Employee Benefit Plans 3.00
TAX 788 International Taxation 3.00
TAX 791 Independent Study (Director's Permission) 3.00

Credit and GPA Requirements
Minimum Total Credits: 150
Minimum Undergraduate Business Credits: 24
Minimum Undergraduate Accounting Credits: 30
Minimum Undergraduate Liberal Arts Credits: 60
Minimum Graduate Credits: 30
Minimum Undergraduate Major GPA: 3.00
Minimum Undergraduate Cumulative GPA: 3.00
Minimum Graduate GPA: 3.00

B.S. Accountancy and M.B.A. Accountancy

The School of Professional Accountancy offers an accelerated shared credit program for qualified students to earn both a Bachelor of Science Accountancy and an M.B.A. This shared credit program allows the student to obtain both degrees in five years earning a total of 150 credits. The student selects this combined program in the fall semester of his or her senior year but may declare interest at any time. All criteria for admission into the graduate degree program must be met before graduate courses can be taken.

The B.S. Accountancy and M.B.A. meets the 150-hour CPA licensure-qualifying requirements and qualifies toward a one-year reduction of the work experience requirement. Generally, a participant in this program is an undergraduate accounting major at LIU Post. He or she may choose the accelerated shared credit program in his or her senior year. All eligibility requirements for admission to the graduate degree program must be satisfied.

ADMISSION REQUIREMENTS
- Minimum overall GPA of 3.0 (all colleges/universities attended)
At least a grade of "B" (3.0) or better in all of the following undergraduate courses (or their equivalents if taken at another college/university):
- ECO 11 AND ECO 12
- ACC 11 OR ACC 12
- FIN 11 OR FIN 12
- MAN 11
- MKT 11
- ECO 72 or QAS 20

Minimum GMAT score of 400, GRE equivalency of minimum GMAT score of 400, or minimum LSAT score of 141 (LIU students who maintain a 3.5 GPA or better will have the GMAT requirement waived); and

Meet the same standards for admission to the M.B.A. portion of the program as students who apply from other schools, or who have already completed a bachelor's degree at LIU Post.

B.S. Accountancy and M.B.A.

(Program Code: 06983 and 79096) {HEGIS: 0502.0 and 0506.0}

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. Accountancy / M.B.A. Accountancy must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

| POST 101 | 1 credit |
| POST 102 | 1 credit |
| First-Year Seminar | 3 credits |
| Writing I | 3 credits |
| Writing II | 3 credits |
| Quantitative Reasoning (MTH 5 | 3 credits required) |
| Scientific Inquiry & the Natural World | 4 credits |
| Creativity, Media & the Arts | 3 credits |
| Perspectives on World Cultures | 3 credits |
| Self, Society & Ethics | 3 credits |
| Power, Institutions & Structures (ECO 10 required) | 3 credits |
| Additional course from one cluster (ECO 11 required) | 3-4 credits |

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Undergraduate Major Requirements

Required Accountancy Courses
Students must complete at least 50% (15 credits) of accounting courses. Transfer students can only transfer in ACC 11, 12, 21, 22. Students must have a grade of B or better in all courses to fulfill this requirement.

| ACC 11 | Accounting Principles I | 3.00 |

Accounting Principles II 3.00

External Reporting I 3.00

External Reporting II 3.00

Managerial Cost Analysis 3.00

Accounting Information Systems 3.00

Auditing 3.00

Tax & Business Strategies 3.00

Advanced Taxation 3.00

Applications in Accounting 3.00

Required Undergraduate Business Courses
Students must complete at least 50% (12 credits) of business courses at LIU Post to graduate. Students must earn a grade of B or better in all courses to fulfill this requirement.

| FIN 11 | Principles of Finance I | 3.00 |
| FIN 12 | Principles of Finance II | 3.00 |
| LAW 13 | Legal Environment of Business | 3.00 |
| LAW 19 | Commercial Law and Business Transactions | 3.00 |
| MAN 11 | Principles of Management | 3.00 |
| MKT 11 | Marketing Principles and Practices | 3.00 |
| QAS 20 | Business Statistics | 3.00 |

*Note that dual degree candidates in the B.S./M.B.A. take MBA 620 in place of MIS 20 (Information Systems Management) and MBA 624 in place of QAS 19 (Business Analytics). These courses are considered pivot courses taken during the last year of undergraduate work that count toward both undergraduate and graduate credit requirements.

Required Graduate Management Perspective Courses
MBA 620* Managing Information Technology and e-Commerce 3.00
MBA 621 Financial Markets and Institutions 3.00
MBA 622 Competitive Marketing Strategy 3.00
MBA 623 Organizational Behavior 3.00
MBA 624* Operations Management 3.00
MBA 625 Global Business: Environment and Operations 3.00

*Note that dual degree candidates in the B.S./M.B.A. take MBA 620 in place of MIS 20 (Information Systems Management) and MBA 624 in place of QAS 19 (Business Analytics). These courses are considered pivot courses taken during the last year of undergraduate work that count toward both undergraduate and graduate credit requirements.

Required Graduate Accounting Courses
ACC 750 Advanced Accounting Information Systems 3.00
ACC 753 Advanced Auditing and Data Analytics 3.00

Required Graduate Capstone Course
MBA 820 Business Policy 3.00

Elective Undergraduate Courses
Undergraduate accounting courses that are not being used to satisfy major or core requirements may be used as free undergraduate elective courses.

Elective Graduate Courses
Accounting majors pursuing the BS Accountancy and M.B.A. are encouraged to take three accounting electives from the following courses: ACC 720, ACC 742, ACC 754, ACC 790, TAX 620, TAX 760. They may choose any other ACC, TAX, FIN, IBU, MAN, MIS or MKT 700 level or above course.

Credit and GPA Requirements
Minimum Total Credits: 150
Minimum Total Undergraduate Credits: 120
Minimum Undergraduate Liberal Arts Credits: 60
Minimum Graduate Major Credits: 36
Minimum Undergraduate Major GPA: 3.00
Minimum Undergraduate Cumulative GPA: 3.00
Minimum Graduate GPA: 3.00

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Accounting and Business Law Courses

ACC 11 Accounting Principles I
This course presents an introduction to fundamental financial accounting principles, concentrating on identifying, recording, and communicating the economic events of a business organization. This course studies the theory and practice of accounting. Topics covered during the semester include the balance sheet, income statement, and principles required to understand financial accounting systems.
Credits: 3
Every Semester

ACC 12 Accounting Principles II
This course is the second in the accounting principles sequence. The first part of the course focuses on partnerships and the corporate form of business organization, including financial statement analysis and cash flow statements. Students are then introduced to managerial accounting concepts and how they can be used in fostering internal business decision-making. Information concerning the behavior of costs, profit planning, and budgeting is analyzed to enhance meaningful comprehension of managerial accounting.
Prerequisite of ACC 11 is required.
Credits: 3
Every Semester

ACC 13 Accounting for Entrepreneurs
This course provides all the financial tools necessary to allow student entrepreneurs set up their own business. The course will provide an understanding of QuickBooks, tax fundamentals, financial statement analysis, and new technology (i.e., blockchain).
Credits: 3
Not Set

ACC 21 External Reporting I
This course focuses on the preparation and analysis of financial information for users external to the organization. Topics include the accounting cycle; income measurement, cash, receivables, inventories, operational assets, investments, and preparation of financial statements. Pronouncements of the AICPA, FASB, and SEC are an integral part of the course.
Prerequisite of ACC 12 is required.
Credits: 3
Every Fall

ACC 22 External Reporting II
This course is a continuation of ACC 21 External Reporting I. This course is an in-depth study of the underlying concepts, measurement, analysis, and interpretation of financial information for external users. Topics include long-term liabilities, investments, stockholder’s equity, earnings per share, leases, pensions, cash flow statements, accounting errors and changes, and deferred income taxes. Pronouncements of the AICPA, FASB, and SEC are an integral part of the course.
Prerequisite of ACC 21 is required.
Credits: 3
Every Fall and Spring

ACC 61 Managerial Cost Analysis
This course provides an in-depth understanding of the theory and concepts underlying conventional cost systems and the rationale for the development and understanding of modern cost management systems including: 1) cost accumulation systems for product costing, cost behavior concepts for planning and control, and activity-based-costing; 2) the use of cost information for strategic decision analysis and support; and 3) financial planning and control systems with a quality management perspective.
Prerequisite of ACC 21 is required.
Credits: 3
Every Semester

ACC 80 Accounting Information Systems
This course develops an understanding of the roles of accounting information and information technology and their influence on decision making, operational support, and organizational competitiveness. The course will include, but not be limited to, the framework of accounting information systems and decisions that impact on their design and implementation, the role of accounting information systems in transaction processing and internal control, and the functions of the major subsystems. The student will also gain hands-on experience in using and evaluating accounting information systems, as well as further develop collaborative, oral, and written communication skills.
Prerequisite of ACC 21 is required.
Credits: 3
Every Semester

ACC 82 Auditing
This course provides an introduction to auditing, including basic concepts, techniques, and audit applications. Course coverage includes the audit risk model, understanding and testing internal controls, substantive testing, fraud, reports on audited financial statements, professional ethics, and an introduction to computer auditing.
Prerequisites of ACC 22 and ACC 80 are required.
Credits: 3
Every Semester

ACC 84 Tax & Business Strategies
Tax basics of all types of entities will be studied. The course stresses the importance of exposure to a range of tax concepts within the framework of financial reporting. Critical thinking and problem solving skills will be developed utilizing tax planning decision models. Recognition of tax savings and tax hazards will prepare students for many possible work environments.
Coerequisite of ACC 21 is required.
Credits: 3
Every Fall

ACC 85 Advanced Taxation
A continuation of ACC 84, this course will review more advanced areas of the Federal tax law as promulgated by the Internal Revenue Code of 1986, as amended, including applicable rulings, case law precedent and treasury regulations. The student will become familiar with rules applicable to the taxation of business entities, including C and S corporations, LLCs, partnerships, and specially taxed corporations. An introduction to N.Y. State taxes will be covered.
Prerequisite of ACC 84 is required.
Credits: 3
Every Spring

ACC 90 Applications in Accounting
This course covers accounting for business combinations, international transactions and reporting, governmental and not-for-profit entities, and other key advanced topics. The course links theory and practice with constant emphasis on the logic of procedures.
Prerequisite of ACC 22 is required.
Credits: 3
Every Semester

LAW 13 Legal Environment of Business
This course examines the origins of law, business ethics, court system, business related torts, contracts, agency, partnership, corporations, employment law, intellectual property, and international business law.
Credits: 3
Every Semester

LAW 19 Commercial Law and Business Transactions
This course covers real and personal property, bills and notes, insurance, suretyship and bankruptcy, law of sales and negotiable instruments, wills and trusts, secured transactions, accountant’s liability, and security regulation.
Prerequisite of LAW 13 is required.
Credits: 3
Every Semester
product portfolio, distribution, pricing, advertising and promotion, sales, customer service, branding and licensing and digital marketing techniques, and other elements of the marketing mix.

The Finance curriculum and faculty bring new and vital research into the classroom, recognizing the challenges of the global financial marketplace. Students are prepared for careers in corporate financial management and the financial services industry. Experienced faculty members bring fresh ideas and a wealth of experience to the classroom in the areas of money management, banking, capital markets, global debt, investments, commodities, and stock exchanges. Students learn the techniques to adapt to shifting issues in the field, including portfolio allocation and optimization, corporate governance standards, securities regulation, ethics, and compensation. To complement classroom knowledge with real-world experiences, the University offers internships in professional settings.

B.S. Business Administration

The B.S. in Business Administration program curriculum aligns with current organizational marketplace dynamics. It covers a full spectrum of business functions and strategies to help students achieve exceptional job placements. Students gain the skills needed to effectively manage industry challenges. The program boasts a strong network of successful alumni who periodically mentor students and help them find internships and jobs. Students are given opportunities to gain hands-on business experiences that will prepare them to face real-world management challenges.

The LIU Post B.S. in Business Administration program is taught by world-class faculty from highly reputable Universities. It is accredited by the prestigious Association to Advance Collegiate Schools of Business (AACSB) and housed within one of the best Business Schools as ranked by the Princeton Review and the US News & World Report.

B.S. Business Administration  
(Program Code: 06990)  
[HEGIS: 0506.0]

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. Business Administration must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum:  
(32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Writing II</td>
<td>3</td>
</tr>
</tbody>
</table>

Quantitative Reasoning (MTH 5 required)
Scientific Inquiry & the Natural World 4 credits
Creativity, Media & the Arts 3 credits
Perspectives on World Cultures 3 credits
Self, Society & Ethics 3 credits
Power, Institutions & Structures (ECO 10 required) 3 credits

Additional course from one cluster (ECO 11 required)

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Business Administration required courses (45 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 11 Accounting Principles I</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 12 Accounting Principles II</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 11 Principles of Finance I</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 12 Principles of Finance II</td>
<td>3.00</td>
</tr>
<tr>
<td>LAW 13 Legal Environment of Business</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 11 Principles of Management</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 12 Organizational Behavior</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 14 Creating and Managing a Small Business</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 16 Business Communication</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 18 Introduction to Business Information Processing</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 71 Business Policy</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 81 Management Seminar</td>
<td>3.00</td>
</tr>
<tr>
<td>MKT 11 Marketing Principles and Practices</td>
<td>3.00</td>
</tr>
<tr>
<td>MKT 14 Consumer Motivation and Behavior</td>
<td>3.00</td>
</tr>
<tr>
<td>QAS 20 Business Statistics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

B.S. in Business Administration Required Courses (15 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 10 Introduction to Microeconomics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 11 Introduction to Macroeconomics</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 5 Linear Mathematics for Business and Social Science</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 6 Calculus for Business and Social Science II</td>
<td>3.00</td>
</tr>
<tr>
<td>POL 2 Introduction to Political Science II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Students must complete two of the following Management Elective Courses (6 credits):

...
Finance B.S. Requirements

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. Business Administration must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum:**

(32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Writing II</td>
<td>3</td>
</tr>
</tbody>
</table>

Quantitative Reasoning (MTH 4 or MTH 6 required)

Scientific Inquiry & the Natural World

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

Power, Institutions & Structures (ECO 10 required)

Additional course from one cluster (ECO 11 required)

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Liberal Arts Electives

Choose 27 credits of Liberal Arts electives.

**Major Requirements**

All of the following are required (24 credits):

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 11 Accounting Principles I</td>
<td>3.00</td>
</tr>
<tr>
<td>BDA 18 Data Analytics using Excel</td>
<td>3.00</td>
</tr>
<tr>
<td>ENT 101 Foundations of Entrepreneurship</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 11 Principles of Management</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 16 Business Communication</td>
<td>3.00</td>
</tr>
<tr>
<td>MKT 19 Marketing Principles and Practices</td>
<td>3.00</td>
</tr>
<tr>
<td>QAS 19 Business Analytics</td>
<td>3.00</td>
</tr>
<tr>
<td>QAS 20 Business Statistics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

All of the following are required (18 credits):

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 11 Principles of Finance I</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 12 Principles of Finance II</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 29 Private Equity and Venture Capital</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 31 Investments</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 35 Spreadsheet Modeling in Finance</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 65 Money and Capital Markets</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Choose 18 credits from any of the following subject areas: ACC, BDA, BUS, FIN, LAW, MAN, MIS, MKT, QAS

Also required:

FIN 80 Capstone in Finance 3.00

**Total Credits:**

Minimum total credits: 120
Minimum Liberal Arts credits: 60
Minimum Finance major credits: 60

B.S. Marketing

The B.S. in Marketing program at LIU is a state-of-the-art degree that prepares students for careers in the marketing industry. The program includes two concentration options: Branding and Licensing and Digital Marketing. These concentrations give graduates a focused skillset that allows them to showcase their knowledge to potential employers. Student in the B.S. in Marketing program has access to a network of experienced alumni who guide students in their internships and jobs searches.

The LIU Post B.S. in Marketing program is taught by world-class faculty from highly reputable Universities. It is accredited by the prestigious Association to Advance Collegiate Schools of Business (AACSB) and housed in one of the best Business Schools as ranked by the Princeton Review and the US News & World Report.

**Marketing B.S. Requirements**

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Marketing must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum:**

(32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>POST 101</td>
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Quantitative Reasoning (MTH 4 or MTH 6 required)

Scientific Inquiry & the Natural World

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<td>Creativity, Media &amp; the Arts</td>
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</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3</td>
</tr>
</tbody>
</table>

Power, Institutions & Structures (ECO 10 required)

Additional course from one cluster (ECO 11 required)

For a more detailed listing of these requirements, see the core curriculum section of this bulletin. Choose an additional 26 credits of Liberal Arts electives required.

Finance B.S. Requirements

B.S. Finance

The B.S. in Finance degree prepares students to succeed in careers in corporate, public or personal finance. Students are taught to make sound investments using such skills as planning, strategizing, fund raising, risk management, etc.

Students are also able to join the Student Management Investment Fund—one of the College’s experiential learning programs. This along with Bloomberg Terminal training and internship opportunities provide students with real-world, hands-on experiences in the latest technologies and methodologies in finance today. Because of LIU’s proximity to Wall Street, students have access to high profile internship and job opportunities with leading financial industries. Members of the College’s strong alumni base regularly mentor students in their job searches.

The LIU Post's B.S. in Finance program is taught by world-class faculty from highly reputable Universities. It is accredited by the prestigious Association to Advance Collegiate Schools of Business (AACSB) and housed within one of the best Business Schools as ranked by the Princeton Review and the US News & World Report.

Liberal Arts Electives

Choose 27 credits of Liberal Arts electives.

Major Requirements

All of the following are required (24 credits):

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</table>

All of the following are required (18 credits):

<table>
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<tr>
<td>FIN 11 Principles of Finance I</td>
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<tr>
<td>FIN 35 Spreadsheet Modeling in Finance</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 65 Money and Capital Markets</td>
<td>3.00</td>
</tr>
</tbody>
</table>
Choose

Major Requirements
All of the following are required:

- ACC 11 Accounting Principles I 3.00
- DA 118 Data Analytics in Excel 3.00
- FIN 11 Principles of Finance I 3.00
- MAN 11 Principles of Management 3.00
- MAN 16 Business Communication 3.00
- MKT 11 Marketing Principles and Practices 3.00
- MKT 35 Integrated Marketing Communications 3.00
- MKT 70 International Business: The Firm & Environment 3.00
- QAS 20 Business Statistics 3.00

Choose one of the following:

- ENT 17 Social Entrepreneurship Consulting 3.00
- ENT 101 Foundations of Entrepreneurship 3.00

The following are required:

- ECO 10 Introduction to Microeconomics 3.00
- ECO 11 Introduction to Macroeconomics 3.00

Choose one of the following:

- MTH 4 Introductory Mathematics for Business 3.00
- MTH 6 Calculus for Business and Social Science 3.00

Digital Marketing Concentration

Requirements

Digital Marketing Concentration Requirements
All of the following are required:

- MKT 15 Online Consumer Behavior 3.00
- MKT 24 Digital Marketing and Branding 3.00
- MKT 26 Digital Marketing Analytics 3.00
- MKT 23 Social Media Marketing 3.00

Choose six courses from any of the following subject areas: ACC, BDA, BUS, FIN, LAW, MAN, MIS, MKT, QAS

The following capstone course is required:

- MKT 80 Capstone in Digital Marketing 3.00

Branding and Licensing
Concentration Requirements

Branding and Licensing Concentration Requirements

All of the following are required:

- MKT 14 Consumer Motivation and Behavior 3.00
- MKT 25 Brand Management 3.00
- MKT 36 Brand Licensing 3.00
- MKT 41 Advertising 3.00

Choose six courses from any of the following subject areas: ACC, BDA, BUS, FIN, LAW, MAN, MIS, MKT, QAS

The following capstone course is required:

- MKT 82 Capstone in Branding and Licensing 3.00

Credit Requirements

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 60
Minimum Business Major Credits: 57

ACCELERATED SHARED CREDIT PROGRAM

B.S. Business Administration and M.B.A. Business Administration

The 150-credit B.S. Business Administration and M.B.A. in Business Administration accelerated, shared-credit program offers students the opportunity to complete two AACSB-accredited business degrees in only five years. Earn a Bachelor of Science degree in Business Administration, then seamlessly transition into the Master of Business Administration (M.B.A.) program. This accelerated, shared-credit program enables you to enter the business world sooner, armed with superior credentials and higher earning potential.

Small class sizes guarantee individualized attention from our internationally renowned faculty. To accommodate busy schedules, M.B.A. students have the option to take courses offered on weeknights and in some cases on Saturdays. In designing a curriculum that fits your needs and career goals you can choose from a wide array of M.B.A. electives, such as "Financial Reports Analysis," "Global Business: Environment and Operations," "Corporate Mergers and Restructuring Strategies", "Negotiation Strategy" and "Business Consulting" to name a few.

The business programs at LIU Post are accredited by AACSB International – the Association to Advance Collegiate Schools of Business – the world's leading business school accrediting organization. AACSB accreditation represents the highest standard of achievement for business schools worldwide; less than one-third of American schools and 5 percent of international programs can claim this distinction.

ADMISSION REQUIREMENTS

Undergraduate students can apply for admission into the 5-year B.S. Business Administration and M.B.A. in Business Administration accelerated shared credit program during their junior year. Before taking the 600-level courses, as specified below, students must meet the GMAT and GPA index requirements:

1. Minimum overall GPA of 3.0 (all colleges/universities attended)
2. At least a grade of "B" (3.0) or better in all of the following undergraduate courses (or their equivalents if taken at another college/university):
   - ECO 11 AND ECO 12
   - ACC 11 OR ACC 12
   - FIN 11 OR FIN 12
   - MAN 11
   - MKT 11
   - QAS 20
3. Minimum GMAT score of 400, GRE equivalent, or minimum LSAT score of 141 (LIU students who maintain a 3.5 GPA or better will have the GMAT requirements waived); and
4. Meet the same standards for admission to the M.B.A. portion of the program as students who apply from other schools, or who have already completed a bachelor's degree at LIU Post.

B.S. Business Administration and M.B.A. Business Administration

Program Codes: 06990 and 79096
HEGIS: 0506 and 0506

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Business Administration must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

- POST 101 1 credit
- First-Year Seminar 3 credits
- Writing I 3 credits
- Writing II 3 credits
- Quantitative Reasoning (MTH 5) 3 credits required

Scientific Inquiry & the Natural World 4 credits
Creativity, Media & the Arts 3 credits
Perspectives on World Cultures 3 credits
Self, Society & Ethics 3 credits
Power, Institutions & Structures 3 credits

(ECO 10 required)

Additional course from one cluster (ECO 11 required)
For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

**Major Requirements**

**Required Undergraduate Business Administration Courses**

(36 credits)

(A grade of B or better is required in ACC 11 OR 12, FIN 11 OR 12, MAN 11 and MKT 11)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 11</td>
<td>Accounting Principles I</td>
<td>3.00</td>
</tr>
<tr>
<td>ACC 12</td>
<td>Accounting Principles II</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 11</td>
<td>Principles of Finance I</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 12</td>
<td>Principles of Finance II</td>
<td>3.00</td>
</tr>
<tr>
<td>LAW 13</td>
<td>Legal Environment of Business</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 11</td>
<td>Principles of Management</td>
<td>3.00</td>
</tr>
<tr>
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<td>Business Communication</td>
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<td>MAN 18</td>
<td>Introduction to Business Information Processing</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 71</td>
<td>Business Policy</td>
<td>3.00</td>
</tr>
<tr>
<td>MKT 11</td>
<td>Marketing Principles and Practices</td>
<td>3.00</td>
</tr>
<tr>
<td>MKT 14</td>
<td>Consumer Motivation and Behavior</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Management Program Requirements**

**Required Undergraduate Statistics Courses:**

(A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QAS 20</td>
<td>Business Statistics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Undergraduate Management Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN 14</td>
<td>Creating and Managing a Small Business</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 81</td>
<td>Management Seminar</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Nine Credits from the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAN 13</td>
<td>Managing Group Dynamics</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 22</td>
<td>Human Resource Management and Labor Relations</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 23</td>
<td>Business and Society</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 31</td>
<td>Negotiation Strategy</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 34</td>
<td>Service Management</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 51</td>
<td>Production Management</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 75</td>
<td>International Management and Cross Cultural Behavior</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 91</td>
<td>Independent Research Study</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**One additional undergraduate course from:**

ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS is required

**Required Graduate Business Courses:**

(A grade of B or better is required to satisfy this requirement.)

*MNote that dual degree candidates in the B.S./M.S. program may take MBA 620 (Managing Information Technology and e-Commerce) and MBA 624 (Operations Management) in place of MIS 20 (Information Systems Management) and QAS 19 (Business Analytics) respectively. These do not count toward the required 30 graduate credits (as is the case for the Dual B.S./M.B.A.)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<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 624*</td>
<td>Operations Management</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Graduate Management Perspective Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBA 621</td>
<td>Financial Markets and Institutions</td>
<td>3.00</td>
</tr>
<tr>
<td>MBA 622</td>
<td>Competitive Marketing Strategy</td>
<td>3.00</td>
</tr>
<tr>
<td>MBA 623</td>
<td>Organizational Behavior</td>
<td>3.00</td>
</tr>
<tr>
<td>MBA 625</td>
<td>Global Business: Environment and Operations</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Elective Graduate Business Courses:**

Choose any five courses from FIN, IBU, MAN, MIS, MKT numbered 700 or above, BLW 701 or TAX 726.

**Required Graduate Capstone Course:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBA 820</td>
<td>Business Policy</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required Undergraduate Co-Related Courses:**

(A grade of B or better is required for ECO 11, 12. A grade of B or better in QAS 20 is needed to waive GBA 525.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 10</td>
<td>Introduction to Microeconomics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 11</td>
<td>Introduction to Macroeconomics</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 5</td>
<td>Linear Mathematics for Business and Social Science</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 6</td>
<td>Calculus for Business and Social Science</td>
<td>3.00</td>
</tr>
<tr>
<td>POL 2</td>
<td>Introduction to American Politics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

*(A 3.0 GPA in undergraduate Management Program required and a 3.0 GPA in Graduate major required.)*

**Credit and GPA Requirements**

- Minimum Total Credits (for freshmen): 150
- Minimum Total Undergraduate Credits: 120
- Minimum Graduate Credits: 36-48
- Minimum Undergraduate Liberal Arts Credits: 60
- Minimum Undergraduate Major GPA: 2.00
- Minimum Undergraduate Cumulative GPA: 3.00
- Minimum Graduate GPA: 3.00
### Finance Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
<th>Prerequisite(s)</th>
<th>Credits</th>
<th>Offered By</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 11</td>
<td>Principles of Finance I</td>
<td>This course provides basic principles by which the modern corporation manages its assets, controls its liabilities and raises new capital. Topics covered include the mathematics of finance, valuation and rates of return on securities, financial statement analysis, forecasting, planning and budgeting, working capital management, introduction to capital budgeting techniques, and cost of capital considerations.</td>
<td>Prerequisite or Corequisite of ACC 11 is required.</td>
<td>3</td>
<td>Every Semester</td>
</tr>
<tr>
<td>FIN 12</td>
<td>Principles of Finance II</td>
<td>This writing across-the-curriculum course is an analysis of corporate policy with respect to internal financial control, capital budgeting, dividend policy, and the issuance and sale of new securities. Emphasis will be placed on corporate decision-making under uncertainty in areas of investment and financing alternatives, both domestically and internationally. Tools and techniques for risk assessment and risk management will be explored using financial calculators and spreadsheet models.</td>
<td>Prerequisites of FIN 11 and ACC 11 are required.</td>
<td>3</td>
<td>Every Semester</td>
</tr>
<tr>
<td>FIN 23</td>
<td>Personal Finance</td>
<td>This course gives students, regardless of major or background, an overview of how to manage their individual financial circumstances. Topics covered will include: personal, auto, and home equity loans; property and casualty insurance; life insurance; investing fundamentals; tax planning; retirement planning and estate planning. Principles of budgeting, financing, insurance, investing and retirement planning will be outlined so that students will have a better idea of how to live within their means and prepare for the future.</td>
<td>Prerequisite of FIN 11 is required.</td>
<td>3</td>
<td>Every Semester</td>
</tr>
<tr>
<td>FIN 25</td>
<td>Introduction to Real Estate</td>
<td>This course will focus on the business of real estate with a particular focus on the New York metropolitan and Long Island areas. Topics covered will include real estate instruments, real estate brokerage, real estate financing, appraisals and valuations, marketing real estate, managing property and government financing programs. Many of the classes will include presentations by real estate professionals from the area.</td>
<td></td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>FIN 29</td>
<td>Private Equity and Venture Capital</td>
<td>The course is designed to study the venture capital and private equity industry. Topics to be covered include how private equity funds are raised and structured, the features of private equity funds and the fundraising process. In addition, the course considers the interactions between private equity investors and the entrepreneurs that they finance, as well as the exit process for the investor. Several private equity transactions, including venture capital, buyouts, build-ups, and venture leasing, will be illustrated.</td>
<td>Prerequisite of FIN 11 is required.</td>
<td>3</td>
<td>Every Fall</td>
</tr>
<tr>
<td>FIN 31</td>
<td>Investments</td>
<td>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 valuations of equities, fixed income securities, and derivative securities. The objective is to provide a systematic method of analyzing investment portfolios.</td>
<td>Prerequisite of FIN 11 is required.</td>
<td>3</td>
<td>Every Fall and Spring</td>
</tr>
<tr>
<td>FIN 32</td>
<td>Security Analysis and Student Investment Fund</td>
<td>Students in this course will build on the theoretical concepts learned in foundational finance courses, and expanded upon in the prerequisite intermediate course, to put these theories into practice. Students will have the opportunity to propose investment ideas, collectively build a portfolio of investments in listed U.S. equities, take responsibility for stock market sector coverage and make formal written and oral investment proposals. Students will develop, implement and follow investment policies and conceptualize and formulate portfolio reporting culminating in a presentation of portfolio composition and performance to an outside board of advisors and trustees, alumni and donors who have invested the funds to be managed through this engaged learning initiative.</td>
<td>Prerequisite of FIN 31 is required.</td>
<td>3</td>
<td>Every Spring</td>
</tr>
<tr>
<td>FIN 33</td>
<td>Derivative Markets</td>
<td>The purpose of this course is to learn to price derivative instruments and also study their use for speculation and hedging. Students study the use of the Binomial Options pricing model and the Black-Scholes models to price these securities. Some of the other topics covered are netting, haircuts, forward contracts, options, futures on financials and commodities, options on futures, and swaps.</td>
<td>Prerequisite of FIN 11 is required.</td>
<td>3</td>
<td>Annually</td>
</tr>
<tr>
<td>FIN 35</td>
<td>Spreadsheet Modeling in Finance</td>
<td>The purpose of this course is to instruct students in the use of Microsoft Excel for financial analyses and modeling. The course will address the basic Principles of Finance within the context of Microsoft Excel. Topics will include spreadsheet basics including a survey of Excel functions and formulas, financial statement development and analysis, cash budgeting, sensitivity analysis, financial forecasting, the time value of money, duration, stock, and bond valuation, and the cost of capital.</td>
<td></td>
<td>3</td>
<td>Every Fall</td>
</tr>
<tr>
<td>FIN 36</td>
<td>Entrepreneurial Finance</td>
<td>Before going public, companies rely on venture capital financing to grow. Similar companies are increasingly choosing private market solutions. Course focus is on development of secondary markets that provide an alternative to the traditional IPO. This course teaches the necessary tools for investors and entrepreneurs to build and evaluate these early-stage companies.</td>
<td></td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>FIN 37</td>
<td>Seminar in Alternative Investments</td>
<td>Utilizing cases and readings and drawing upon the experience and expertise of practitioners, this course will offer students a perspective on current issues in the various fields of alternative investments. Topics include industry trends, opportunities and challenges, regulation, financial reporting and accounting issues.</td>
<td></td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>FIN 61</td>
<td>Advanced Financial Policies</td>
<td>This course builds upon the basic principles of managerial finance by providing further theoretical knowledge and analytic skills necessary for identification, evaluation and solution of financial policy issues. The course also provides perspectives on corporate financial policies pertaining to three fundamental strategies: namely, investing, financing and dividend decisions. The course investigates the choice of particular policies and quantities the valuation consequences of real world corporate decisions, including those relating to financial analysis; planning and strategy; capital budgeting; intermediate and long-term financing; financial structure; the cost of capital and dividend policy; mergers and acquisitions; and risk management.</td>
<td>Prerequisite of FIN 11 is required.</td>
<td>3</td>
<td>On Occasion</td>
</tr>
<tr>
<td>FIN 65</td>
<td>Money and Capital Markets</td>
<td>The main goal of this writing-across-the-curriculum course is to analyze and understand the main forces that are influencing and changing the U.S. financial system. Emphasis will be placed on both financial theory which includes the loanable funds theory, liquidity preference, the modern quantity theory of money, and theories of the term structure of interest rates and the U.S. institutional structure which includes an examination of financial markets and financial institutions and their competitive strategies. Regulatory changes and traditional and new financial instruments will be evaluated along</td>
<td></td>
<td>3</td>
<td>Annually</td>
</tr>
</tbody>
</table>
FIN 93 Internship
Internships will be arranged through the Finance Department. These internships are planned programs of research observations, study, and participation in selected organizations. They are designed to enrich classroom study with hands-on practical experience.
Prerequisite of Junior/Senior Status is required.
Credits: 3
Every Semester

FIN 94 Internship
Internships will be arranged through the Finance Department. These internships are planned programs of research observations, study, and participation in selected organizations. They are designed to enrich classroom study with hands-on practical experience.
Prerequisite of Junior/Senior Status is required.
Credits: 3
On Occasion

FIN 95 Internships in Alternative Investments
Internships will be arranged through the Finance Department. These internships are planned programs of research observations, study, and participation in various investment organizations. They will be designed to enrich coursework with hands-on practical experience.
Prerequisite of Junior/Senior Status is required.
Credits: 3
Every Semester

MAN 11 Principles of Management
This course introduces the student to management history, concepts, theories and practices. The managerial functions of planning, organizing, leading and controlling are examined.
Credits: 3
Every Fall and Spring

MAN 12 Organizational Behavior
This course focuses on human behavior within organizations, including such topics as personality, job attitudes, motivation, leadership, group process, diversity, formal and informal organizations, decision making and negotiation, and organizational culture.
Credits: 3
Every Semester

MAN 14 Creating and Managing a Small Business
An examination and application of the required skills, resources, and techniques that transform an idea into a viable business. Entrepreneurial decision-making is stressed and its role in idea generation, conception, opportunity analysis, and the marshaling of resources. Among the course requirements is that each student will prepare a formal business plan including market research, operational and organizational design, marketing and financial planning.
Prerequisite of MAN 11 and FIN 11 are required.
Credits: 3
Every Semester

MAN 16 Business Communication
This course is designed to improve effective business communication with emphasis on individual and interpersonal skills building. Topics include, but are not limited to, determining appropriate style and tone in various types of written business communications; strengthening verbal effectiveness through the use of presentations and graphics; and learning to interpret and use non-verbal communication for greater impact. This course addresses the unique communication challenges that arise as a result of diversity, globalization and the pervasiveness of technology.
Credits: 3
Every Semester

MAN 18 Introduction to Business Information Processing
This course is an introduction to information processing. Emphasis is on computer hardware and software and how it is integrated by end-users for management information systems. Personal Computer packages (spreadsheets, database management systems, and word-processing) will be used to illustrate the tools available to managers.
Credits: 3
Every Semester

MAN 23 Business and Society
This course is a review of the major cultural, political and ethical issues that confront corporate systems in its attempt to adapt to the needs of a changing environment. This course of study includes analysis of the interrelationships of business with government (U.S. and foreign), labor, and the individual in society.
Credits: 3
Every Fall and Spring

MAN 31 Negotiation Strategy
This course allows students to develop the ability to convey important points of view, by analyzing complex bargaining positions while applying the totality of intuition and learning gained through their educational and life experience. The delivery of this class is experiential. Students build advanced interpersonal, communication, presentation, and constructive conflict resolution skills through the use of business-specific, knowledge-intensive exercises and role-plays. The course is highly beneficial to students in the management major and is a very strong elective for personal development that can complement any major.
Credits: 3
Every Semester

FIN 71 Global Financial Markets
This course is an overview of the international financial system. International financial markets are investigated, exchange rate markets and behavior are analyzed, and hedging techniques are presented. Prerequisite of FIN 11 is required.
Credits: 3
Annually

FIN 72 Global Financial Management
An analysis of the financial decision-making process of the global corporation will be explored. The financial opportunities and the risks associated with international operations are discussed and analyzed. Major topics include mult_currency cash and exposure management, capital budgeting and cost of capital considerations as well as multinational performance and evaluation criteria. The case study method is utilized.
Prerequisite of FIN 71 is required.
Credits: 3
Annually

FIN 80 Capstone in Finance
The Financial Management capstone will apply corporate financial theory to financial policy and valuation with the goal of synthesizing all previous program learning. Although the projects shall vary from year to year, they shall involve questions in the future career area of the students, who, taking the vantage point of a research analyst, will evaluate questions relating to M&A, IPO’s or Equity Research. It shall provide an opportunity to develop practical excel modelling skills on real time data by constructing spreadsheets for financial forecasting, sensitivity analysis, financial statement analysis, cost of capital, discounted cash flow, and capital budgeting.
Prerequisite of FIN 12 is required.
Credits: 3
Every Spring

FIN 81 Seminar in Financial Services
Students will explore the relationship between corporate financial flows and financial market, industry, and aggregate economic data. Students are required to have junior or senior status.
Prerequisite of FIN 12 is required.
Credits: 3
Every Fall and Spring

FIN 82 Real Estate Finance
An in-depth examination of the real estate market. Prerequisites include FIN 80 and FIN 62.
Credits: 3
On Occasion

FIN 94 Internship
Internships will be arranged through the Finance Department. These internships are planned programs of research observations, study, and participation in selected organizations. They are designed to enrich classroom study with hands-on practical experience.
Prerequisite of Junior/Senior Status is required.
Credits: 3
On Occasion

FIN 95 Internships in Alternative Investments
Internships will be arranged through the Finance Department. These internships are planned programs of research observations, study, and participation in various alternative investment organizations. They will be designed to enrich coursework with hands-on practical experience.
Prerequisite of Junior/Senior Status is required.
Credits: 3
Every Semester

FIN 96 Seminar in Private Equity
This seminar will examine the role of the private equity group in the raising of capital from institutional and corporate investors. Topics include the Private Placement Memorandum (PPM), the role of venture capital, the trend toward secondary market sales, and the role of the merger and acquisition (M&A) group in the due diligence process.
Prerequisite of FIN 12 or permission of Chair is required.
Credits: 3
Every Fall and Spring

FIN 97 Global Banking
This course is an overview of the global operations of the modern financial system. Emphasis will be placed on the structure and operation of major financial institutions. International financial markets, instruments and systems are covered.
Prerequisite of FIN 60 and FIN 12 is required.
Credits: 3
Annually

FIN 98 Global Financial Planning
This course is an overview of the international financial planning process. The course will cover financial planning for personal and business clients. The course will emphasize the integration of personal and corporate financial planning, as well as the use of the Federal Reserve’s flow of funds and material from rating agencies and major financial firms. Current events will also be covered.
Prerequisite of FIN 12 and permission of chair is required.
Credits: 3
On Occasion

FIN 99 Independent Study
These courses offers students the option of either a department approved internship or structured, supervised research in a professor-selected area of finance. Prerequisite of Junior/Senior status is required.
Credits: 1
On Occasion
MAN 71 Business Policy
This is a capstone course in which the disciplines of management, finance, marketing and accounting are integrated to focus on policy decision-making to solve business problems. Computer-based business simulations may be used to make essential policy decisions.
Prerequisite of MAN 11 & 18 & FIN 11 & MKT 11 and Senior status is required.
Credits: 3
Every Semester

MAN 75 International Management and Cross Cultural Behavior
This course is a survey of managerial actions and practices in a global setting. The impact of economic, political, and socio-cultural differences in international business management are explored. This course provides a framework for understanding cultural differences and the implications of such differences in forming managerial policies.
Prerequisite of MAN 11 is required.
Credits: 3
Every Fall and Spring

MAN 81 Management Seminar
In this course, students utilize and direct all previous knowledge attained in the areas of management toward the solution of a pragmatic problem. The research project incorporates theoretical and empirical literature plus relevant methodology.
Prerequisite of Senior status is required.
Credits: 3
Every Semester

MAN 91 Independent Research Study
A program of supervised research in a selected area of management.
Prerequisite of Senior status is required.
Credits: 1
On Occasion

MAN 92 Independent Research Study
A program of supervised research in a selected area of management.
Prerequisite of Senior status is required.

MAN 93 Management Internships
Internships are planned programs of research observations, study and participation in selected organizations. They are designed to enrich classroom study with hands-on practical experience. Students who have reached senior status and have maintained a major GPA of 3.0 or better for the past two academic years may apply.

MAN 94 Management Internships
Internships are planned programs of research observations, study and participation in selected organizations. They are designed to enrich classroom study with hands-on practical experience.

MIS 20 Information Systems Management
This course is an overview of information systems technology. This course will emphasize management concepts and strategy essential for the selection, development, design, implementation, use, and maintenance of information technologies (IT) and information systems (IS) applications. Business case studies are used to facilitate classroom discussion.
Prerequisite or corequisite of MAN 18 is required for all business majors.
Corequisite of ACC80 is required for accounting majors.
Credits: 3
Every Semester

QAS 19 Business Analytics
This course introduces the basic concepts, principles and methods of business analytics, a growing field to support managerial decision making based on data and modeling. Topics include regression analysis, forecasting, data mining, linear programming, integer linear programming, simulation, decision analysis, and database management. A strong emphasis is placed on applying analytics to a wide range of business decision making problems in finance, marketing and operations with Microsoft Excel and Analytics Solver Platform.
Credits: 3
Every Semester

QAS 20 Business Statistics
This course introduces some of the statistical concepts and techniques used in business decision-making at an advanced level. The emphasis is on business application. Problems from the functional areas of accounting, finance, marketing, management, and operations are used to illustrate how probabilistic and statistical thinking and analysis can enhance the quality of decisions.
Credits: 3
Every Semester

Marketing Courses

MKT 11 Marketing Principles and Practices
This is the core-marketing course for the LIU Undergraduate Program and it also appeals to non-business-majors who are interested in marketing. The aim of the course is to provide a rigorous and comprehensive introduction to contemporary marketing practice. The participants learn how to analyze complex business situations, identify underlying problems and decide on courses of action with the help of the modern marketing management techniques. The students learn the concepts and terminology of modern marketing management during lectures, cases and class discussions. Application of the marketing management concepts becomes the focus for the term project.
Credits: 3
Every Semester

MKT 14 Consumer Motivation and Behavior
This course covers the cognitive and emotional processes consumers go through; how individual differences based on social, cultural, economic, personal and psychological factors affect these processes; and how consumers respond to marketing stimuli, such as advertising campaigns or price discounts. Along with other topics, the knowledge of consumer brand awareness and brand preferences students gain in this course should help students learn more about how and why consumers do what they do (and think what they think) and relatedly, help students cultivate their marketing managerial skills to develop more effective marketing plans, such as to promote brands and licensed properties.
Prerequisite of MKT 11 is required.
Credits: 3
Every Semester

MKT 15 Online Consumer Behavior
This course will provide an overview of how companies locate and engage with customers in today's online environment. We will also examine the evolution of buying behavior in the online marketplace, and the ability of digital marketers to access increasing amounts of consumer data as they look to target new consumers. Students will be provided with an overview of the technologies that have enabled marketers to pivot from a one-to-many towards a more personalized approach in communications. During the course, we will examine how successful multi-national companies have utilized online consumer behavior to transition their business model, and also look at companies who have not been able to make this transition and are no longer viable.
Prerequisite of MKT 11 is required.
Credits: 3
Every Fall

MKT 23 Social Media Marketing
Students will learn the necessary components for creating and launching social media campaigns including Facebook, Instagram, and Twitter, among others. We will research how to create effective brand messages based on the use of storytelling. This course will cover the components of designing specific digital advertisements that are geared towards attracting new customers, retaining current customers and/or re-engaging past customers. Students will also create landing pages as an additional tool to assist them in deploying digital campaigns. Students will then target their campaigns to selected markets and measure the results on their activity.
Prerequisite of MKT 11 is required.
Credits: 3
Every Spring
MKT 24 Digital Marketing and Branding
Discover the exciting cutting-edge frontier of marketing and develop skills to help all businesses and organizations adapt to the new digital age. Beginning with an overview of current technology development, this course surveys the most important ideas and tools practiced by leading digital companies including search engine marketing, social network marketing, social media marketing, and electronic commerce. This course examines digital marketing as the intersection between technology and liberal arts, and emphasizes the fundamental role of liberal arts in the areas of product design and promotion. This course emphasizes the role that digital media plays in licensing, brand management, and retail distribution of licensed properties. Hands-on experience is required by learning coding to build digital marketing elements and by using social media to market brand and product.
Prerequisites of MKT 11 and 14 are required. Credits: 3
Every Fall and Spring

MKT 25 Brand Management
Students will develop core skills needed towards understanding, crafting, measuring, and managing brand strategies across a variety of industries, such as fashion, sports, and entertainment. The course draws on marketing, sociological, psychological, and technological theories of consumer behavior and culture and examines branding as a co-creation of consumers, marketers, and culture. The course objectives are to: 1) design effective brand identities and value propositions as part of overall business strategy; 2) develop brand-building and licensing programs including associated legal issues; 3) apply brand licensing and creative elements for effective branding; 4) license key brands to expand retail channels internationally; and 5) leverage digital technologies, such as social media marketing, to promote branding and licensing programs.
Prerequisite of MKT 11 is required. Credits: 3
Every Fall and Spring

MKT 26 Digital Marketing Analytics
Students will learn how to use and interpret data as a critical tool in creating and assessing online marketing campaigns. During the course students will examine various campaigns and data points to learn how to analyze key performance indicators. We will also cover how to determine which factors are forward and lagging indicators, how to conduct A/B testing, and make necessary adjustments in digital campaigns to maximize results.
Prerequisite of MKT 11 is required. Credits: 3
Every Fall

MKT 35 Integrated Marketing Communications
The course focuses on promoting synergy of marketing communications practices and relationships with the customer. It emphasizes strategic planning and management of marketing communications. The program covers a variety of functional areas including advertising, public relations, direct response, sales promotion and event sponsorship, as well as basic principles of brand communication relationships and position strategies.
Prerequisite of MKT 11 is required. Credits: 3
Every Semester

MKT 36 Brand Licensing
This course aims to explore the meaning of brand equity and to study how to evaluate and maximize opportunities for communicating that equity through brand extensions and licensing. It provides students with a clear understanding of how firms utilize brand extensions and licensing for effective marketing communications to help achieve their particular goals and objectives as well as the strategic and creative process that must be followed to succeed. Students will learn how companies deliver new brand-aligned products to the marketplace through the vehicle of trademark licensing. The course relies heavily on examples and case studies of actual brand programs that have been developed by famous and some not-so-famous brands and other owners of intellectual property (including celebrities, sport leagues, and fashion designers among others).
Prerequisite of MKT 11 is required. Credits: 3
Every Fall

MKT 41 Advertising
The course studies advertising strategy including positioning, institutional advertising, advocacy advertising, media selection and scheduling, agency relations, the role of the advertising manager, comparative advertising, the creative process, the use of testimonials, cooperative advertising, and the assessment of advertising effectiveness and consumer reactions.
Prerequisite of MKT 11 is required. Credits: 3
Every Semester

MKT 51 Marketing Research
This course covers marketing research methods and designs, including survey methods, focus groups, in-depth interviews, observations, and experimental approaches. Topics also include sampling techniques, segmentation, analysis and interpretation of data, and writing research reports towards better understanding market trends and brand differentiation. The knowledge of marketing research students gain in this course should help students learn more about how to find out what and why consumers do what they do (and think what they think) and, relatedly, help students cultivate their marketing managerial skills to develop more effective marketing plans, such as by designating marketing analytics to evaluate brand equity and licensed properties.
Prerequisites MKT 11 and QAS 20 are required. Credits: 3
Every Semester

MKT 61 Product Strategy
This course presents a comprehensive presentation of the product planning and development process. Topics include idea generation, concept development, screening criteria, concept testing, commercialization and the development of marketing plans. Marketing mix decisions and strategies over the product’s life cycle are also covered. The global dimensions of product development and product strategies as well as ethical issues are explored and integrated into the course.
Prerequisite or corequisite of MKT 51 is required. Credits: 3
Annually

MKT 70 International Business: The Firm & Environment
The course aims to introduce students to the discipline of international business by discussing the uniqueness of the international environment and identifying the opportunities and threats for domestic business. It explains the key institutions which have facilitated globalization through the multilateral negotiation process and the bilateral forces stimulating regionalization are also analyzed. Theories and concepts related to trade, investment and strategic decisions including corporate structural options are discussed.
Credits: 3
On Occasion

MKT 71 International Marketing
This course is a study of the international marketplace, with special emphasis on the international environment, social/ cultural and political/legal differences, trade barriers, foreign entry, licensing and joint ventures, the multinational firm and global marketing strategy.
Prerequisites of MKT 11 and 14 are required. Credits: 3
Every Semester

MKT 81 Marketing Seminar
This is the capstone course aimed at developing the student’s analytical abilities through class discussion of actual marketing cases and the use of computer simulations involving a variety of marketing decision-making skills and knowledge.
Prerequisite of MKT 51 or corequisite of MKT 51
with instructors permission and Senior status is required.
Credits: 3
Every Semester

**MKT 82 Capstone in Branding and Licensing**
The course investigates the following critical aspects of brand management and licensing including branding and licensing technologies, the cognitive and cultural factors that shape customer perceptions, development of a differentiated brand identity, impact of changing technology on brand communication, and primary and secondary brand identifiers. Students will work in teams to develop an effective marketing plan using marketing analytics to evaluate brand equity and licensed properties.

*Pre requisites: MKT 25, MKT 36 and MKT 41*
Credits: 3
Every Semester

**MKT 91 Independent Research Study**
This is a program of supervised research in a selected area of marketing.
*Prerequisites of MKT 11 and 14 are required.*
Credits: 1
Every Semester

**MKT 95 Internship**
Internships are planned programs of research observation, study and participation in selected organizations. They are designed to enrich classroom study with hands-on practical experience. Internships will be arranged by students and approval must be obtained from the Chair of the Business Administration Department prior to the commencement of the internship. A faculty advisor will be appointed to oversee the internship.

*Prerequisite of MKT 11, 14, Marketing subplan with Senior status and a 3.00 MKT courses GPA are required.*
Credits: 3
Every Semester

**MKT 96 Internship for Branding and Licensing**
Internships are planned programs of research, observation, study, and participation in selected organizations for students who plan to become professional brand or product managers. They are designed to enrich classroom study with hands-on practical experience. Internships will be arranged by students with assistance from LIMA member organizations. Approval must be obtained from the Chair of the Business Administration Department prior to the commencement of the internship. A faculty advisor will be appointed to oversee the internship.

*A pre requisite of MKT 25, MKT 36 and Senior status with a 3.00 MKT courses GPA.*
Credits: 3
Annually
SCHOOL OF ENTREPRENEURSHIP AND INNOVATION

The School of Entrepreneurship and Innovation offers programs designed for students who think creatively and are seeking to work collaboratively with interdisciplinary applications. Courses are taught by faculty who have work experience in their respective fields to add relevant market context to academic content and prepare students for their future careers. The BS and MS degrees in Data Analytics are highly relevant in today’s data-driven marketplace and applicable to all majors. The School of Entrepreneurship and Innovation offers degrees in Data Analytics, Economics, Entrepreneurship, Fashion Merchandising, and Sports Management.

DEPARTMENT OF ENTREPRENEURSHIP AND INNOVATION

B.S in Data Analytics

We live in the era of big data. The last two years alone produced 90% of the data that the world has ever seen (Forbes). In both society and business, the demand for data analytics and data-driven decision-making capabilities is ever-growing. Machine Learning and Artificial Intelligence are the top emerging jobs with 74% annual growth (LinkedIn).

The B.S. in Data Analytics (BSDA) is a STEM-designated degree program that prepares students for an indispensable set of careers with the responsibilities of harnessing an enormous amount of data. Students in the BSDA program will learn cutting-edge technologies in data analytics and build skills to produce practical and meaningful insights for substantial competitive advantages.

In addition to the common core curriculum, the upper-division coursework innovatively consists of four modules. 1) The Foundational Module includes courses of programming in Python, data analytics with Excel, R, and Python, and data structures and algorithms. 2) The Core Module includes courses of database management, data visualization, advanced statistics, data mining and business intelligence, machine learning, and artificial intelligence. 3) The Applied Module includes courses on data analytics ethics, FinTech, cryptography, computational genomics, deep learning, and a capstone project. 4) The Elective Module allows students to take courses in relevant areas, such as Accounting, Artificial Intelligence, Business Administration, Computer Science, Digital Engineering, Entrepreneurship, Fashion Merchandising, Finance, Marketing, and Sports Management.

Data Analytics stands at the interaction of statistics, computer science and business. With competence in these fields, students in the BSDA program will not only gain a strategic advantage for their career development but also build a solid foundation for advanced education.

Core Curriculum Requirements

Students pursuing the B.S. DA must satisfy all core curriculum requirements as detailed in the core curriculum section of this bulletin. The requirement includes required and elective courses added up to 60 credits in liberal arts and sciences. Within the 60-credit core curriculum courses, students are required to take the following two mathematics courses and their pre-requisites if necessary:

- MTH 22 Applied Linear Algebra 3.00
- MTH 23 Foundations of Statistical Analysis 3.00

Major Requirements:

All of the following are required (45 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA 103</td>
<td>Programming in Python</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 118</td>
<td>Data Analytics with Excel</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 120</td>
<td>Data Analytics with R and Python</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 125</td>
<td>Multivariate and Advanced Studies</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 130</td>
<td>Database Management</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 131</td>
<td>Data Structures and Algorithms</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 140</td>
<td>Data Visualization</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 153</td>
<td>Data Analytics Ethics</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 155</td>
<td>Intro to FinTech</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 162</td>
<td>Intro to AI</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 163</td>
<td>Data Mining and Business Intelligence</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 166</td>
<td>Computational Genomics</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 250</td>
<td>Machine Learning</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 260</td>
<td>Deep Learning</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 265</td>
<td>Intro to Modern Cryptography</td>
<td>3.00</td>
</tr>
</tbody>
</table>

The following capstone course is required:

- DA 460 Senior Capstone Project 3

Required Major Electives (12 Credits):

Choose 12 credits from the following subject areas: AI and DA. With program director's written approval students can choose up to 9 credits of electives from any of the following subject areas: ACC, BUS, CS, ECO, ENT, FIN, FM, LAW, MAN, MIS, MKT, QAS, or SPM.

Credit Requirements:

- Minimum Total Credits: 120
- Minimum Liberal Arts and Sciences Credits: 60
- Minimum Major credits: 48

B.A. Economics

Economists grapple with some of the most pressing issues facing society, including globalization and standards of living in the developing world, the impact of public policy on the economy, and the balance between environmental goals and economic growth. The 120-credit hour Bachelor of Arts degree program in Economics is a comprehensive examination of the economies of the United States and the world, led by distinguished professors with backgrounds in a diverse range of economic disciplines.

Graduates of the B.A. in Economics can aspire to careers as lawyers specializing in corporate law and regulations; industry and financial analysts; policy analysts working for governmental and non-governmental organizations; aid workers helping poor countries improve their economies; and diplomats specializing in the relationship between industry and government, to name a few.

B.A. Economics

[Program Code: 07082 and 79096]

[HEGIS: 2204 and 0506]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.A. Economics must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-35 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>First-Year Seminar</td>
<td>1 credit</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Quantitative Reasoning (MTH 5)</td>
<td>6-8 credits (an 6 required) or (MTH 7 and 8)</td>
<td></td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td>4 credits</td>
<td></td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Perspectives on World Cultures (ECO 10 required)</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3 credits</td>
<td></td>
</tr>
<tr>
<td>Additional course from one cluster (ECO 11 required)</td>
<td>3 credits</td>
<td></td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Economics Courses
All of the following (18 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 10</td>
<td>Introduction to Microeconomics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 11</td>
<td>Introduction to Macroeconomics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 61</td>
<td>Microeconomic Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 62</td>
<td>Macroeconomic Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 72</td>
<td>Statistics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 73</td>
<td>Intermediate Business Statistics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Elective Economics Courses

Six of the following (18 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 7</td>
<td>Political Aspects of Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 14</td>
<td>Everyday Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 21</td>
<td>Money and Banking</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 22</td>
<td>Economics for Investors</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO/23</td>
<td>Behavioral Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY</td>
<td>Economic Geography</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 32</td>
<td>Economics of American Industry</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 35</td>
<td>Economics of Government</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 36</td>
<td>Health Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 37</td>
<td>The Economics of Obesity</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 38</td>
<td>Sports Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 40</td>
<td>Contemporary Chinese Economy</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 41</td>
<td>International Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 42</td>
<td>Economics of Underdeveloped Countries</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 43</td>
<td>The Japanese Economy</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 44</td>
<td>The Transition Economics of Central Europe and the Former Soviet Union</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 45</td>
<td>Economics of the Middle East</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 46</td>
<td>Current Economic Issues</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 47</td>
<td>Economics and Aging</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 48</td>
<td>Economics and the Law</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 49</td>
<td>Economics of the Environment</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 54</td>
<td>History of Economic Thought</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 55</td>
<td>American Economic History</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 63</td>
<td>Labor Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO/65</td>
<td>Money and Capital Markets</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN</td>
<td>Mathematical Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 74</td>
<td>Game Theory: Individual Choices and Group Outcomes</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 75</td>
<td>Research Problems in Economics I</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 81</td>
<td>Research Problems in Economics II</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 88</td>
<td>Economics in the World</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 359</td>
<td>Honors Advanced Elective</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 360</td>
<td>Honors Advanced Elective</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 385</td>
<td>Honors Tutorial</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 386</td>
<td>Honors Tutorial</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 389</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 390</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 400</td>
<td>State, Society, and the Individual: Hoxie Colloquium</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Credit Requirements

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 90

B.S. in Entrepreneurship

The B.S. in Entrepreneurship program is designed to engage students to think entrepreneurially while they learn how to execute their vision efficiently and effectively. Entrepreneurship majors will learn how to prepare and execute a comprehensive strategy for launching a new venture. The venture can be in any organizational context – large or small, new or existing, non-profit or for-profit. The entrepreneurial process of value creation through innovation remains the same regardless of the context or the ultimate goal.

Students will interact extensively with the business community both inside and outside the classroom and produce a plan that is both defensible to potential investors and actionable in the real world.

Entrepreneurship B.S. Requirements

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Business Administration must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum: (32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>First-Year Seminar</td>
<td>5 credits</td>
</tr>
</tbody>
</table>

Writing I 3 credits
Writing II 3 credits
Quantitative Reasoning (MTH 4 required or MTH 6 required)
Scientific Inquiry & the Natural World 4 credits
Creativity, Media & the Arts 3 credits
Perspectives on World Cultures 3 credits
Self, Society & Ethics (PHI 8 required)
Power, Institutions & Structures 3 credits
(ECO 10 required)

Additional course from one cluster (ECO 11 required)

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

All of the following are required (27 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 11</td>
<td>Accounting Principles I</td>
<td>3.00</td>
</tr>
<tr>
<td>DA 118</td>
<td>Data Analytics in Excel</td>
<td>3.00</td>
</tr>
<tr>
<td>ENT 101</td>
<td>Foundations of Entrepreneurship</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 11</td>
<td>Principles of Finance I</td>
<td>3.00</td>
</tr>
<tr>
<td>LAW 13</td>
<td>Legal Environment of Business</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 11</td>
<td>Principles of Management</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 16</td>
<td>Business Communication</td>
<td>3.00</td>
</tr>
<tr>
<td>MKT 11</td>
<td>Marketing Principles and Practices</td>
<td>3.00</td>
</tr>
<tr>
<td>QAS 20</td>
<td>Business Statistics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

All of the following are required (18 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENT 13</td>
<td>Financing</td>
<td>3.00</td>
</tr>
<tr>
<td>ENT 15</td>
<td>Idea to Enterprise</td>
<td>3.00</td>
</tr>
<tr>
<td>ENT 17</td>
<td>Social Entrepreneurship Consulting</td>
<td>3.00</td>
</tr>
<tr>
<td>ENT 61</td>
<td>Entrepreneurship in Management: LIU IQ Student Consultancy</td>
<td>3.00</td>
</tr>
<tr>
<td>ENT 71</td>
<td>Entrepreneurship Capstone</td>
<td>3.00</td>
</tr>
<tr>
<td>ENT 81</td>
<td>Entrepreneurship Seminar</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Choose 12 credits from any of the following subject areas: ACC, AI, DA, FIN, LAW, MAN, MIS, MKT, QAS:

Additional Required Course (3 credits):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORC 1</td>
<td>Public Speaking</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Credit Requirement

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 60 credits
Minimum Major Credits: 60 credits
B.S. Fashion Merchandising

Fashion merchandisers work in fashion, beauty, textile, accessories, and retail organizations in both local and international marketplaces. The B.S. degree in Fashion Merchandising provides students with diverse skills and the breadth of knowledge to compete in today’s global environment for positions from start-ups through major conglomerates. Taking an omnichannel approach, students will be prepared to assume positions as buyers, sales managers, planners, logistics managers, product developers, and marketers in the organizations themselves in addition to the agencies, distributors, or wholesalers that serve them.

B.S. Fashion Merchandising
(Program: 37520) [HEGIS: 0509.0]

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. Fashion Merchandising must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum
(32-33 credits)

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1 credit</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3 credits</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts (excluding ART courses)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Additional course from one cluster</td>
<td>3-4 credits</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin. Students will choose electives in order to satisfy 60-credit liberal arts requirement.

Major Requirements
All courses required from the following (36 credits):

| FM   | Introduction to the Fashion Industry                          | 3.00 |
| FM 10| The Business of Fashion Merchandising                        | 3.00 |
| FM 12| Math for Merchandising                                       | 3.00 |

Credit Requirements
Minimum Total Credits: 120
Minimum Liberal Arts Credits: 60
Minimum Major Credits: 48

B.S. in Sports Management

The B.S. in Sports Management program delivers an innovative educational experience grounded in relevant theory and practical application providing the tools each student requires to become a successful leader in the global sports industry. Students will be presented with opportunities to gain invaluable practical field experience through meaningful internships with a variety of sports teams and leagues, sports media entities, sports apparel companies, sports product manufacturers, as well as in the sports fitness and sports recreational industries. The teachers in the Sports Management program are professionals with practical experience in various fields of the sports industry.

B.S. Sports Management
(Program: 39157) [HEGIS: 0599.0]

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. Sports Management must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum
(32-33 credits)

<table>
<thead>
<tr>
<th>Cluster</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1 credit</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3 credits</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts (excluding ART courses)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3 credits</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Additional course from one cluster</td>
<td>3-4 credits</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin. Students will choose electives in order to satisfy 60-credit liberal arts requirement.

Major Requirements
Sports Management required courses (42 credits)

<p>| MAN 11 | Principles of Management                                      | 3.00 |
| MKT 11  | Marketing Principles and Practices                            | 3.00 |
| FIN 11  | Principles of Finance                                         | 3.00 |
| ACC 11  | Accounting Principles                                        | 3.00 |
| ENT 101 | Foundations of Entrepreneurship                              | 3.00 |
| MAN 16  | Business Communication                                       | 3.00 |
| MAN 31  | Negotiation Strategy                                         | 3.00 |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPM 140</td>
<td>Introduction to Sports Management</td>
<td>3.00</td>
</tr>
<tr>
<td>SPM 141</td>
<td>Facility Management</td>
<td>3.00</td>
</tr>
<tr>
<td>SPM 142</td>
<td>Sports Marketing</td>
<td>3.00</td>
</tr>
<tr>
<td>SPM 143</td>
<td>The Economics of Sports</td>
<td>3.00</td>
</tr>
<tr>
<td>SPM 144</td>
<td>Sports Law</td>
<td>3.00</td>
</tr>
<tr>
<td>SPM 145</td>
<td>Internship in Sports Management</td>
<td>3.00</td>
</tr>
<tr>
<td>SPM 146</td>
<td>Psychology of Sports</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Co-Related Required Courses (19 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1</td>
<td>Foundations of Biology I</td>
<td>4.00</td>
</tr>
<tr>
<td>CACJ 39</td>
<td>Sports Crimes</td>
<td>3.00</td>
</tr>
<tr>
<td>HE 205</td>
<td>Substance Abuse</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 10</td>
<td>Nutrition</td>
<td>3.00</td>
</tr>
<tr>
<td>ORC 9</td>
<td>Public Speaking</td>
<td>3.00</td>
</tr>
<tr>
<td>PHI 9</td>
<td>Business Ethics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Credit Requirements**

- Minimum Total Credits: 120
- Minimum Liberal Arts Credits: 60
- Minimum Major Credits: 42
### ACCELERATED/SHARED CREDIT PROGRAM

#### B.A. Economics and M.B.A. Business Administration

Program Codes: 07082 and 79096  
HEGIS: 2204 and 0506

### Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.A. Economics / M.B.A. Business Administration must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum**  
(32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>First-Year Seminar</td>
<td>1 credit</td>
</tr>
<tr>
<td>Writing I</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td></td>
<td>3-4 credits</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td></td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td></td>
<td>3 credits</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td></td>
<td>3 credits</td>
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<tr>
<td>Power, Institutions &amp; Structures</td>
<td></td>
<td>3 credits</td>
</tr>
</tbody>
</table>

ECON 10 (ECON 10 required)

Additional course from one cluster (ECON 11 required)

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

### Major Requirements

#### Required Economics Courses

All of the following:

Grades of B or better in ECO 10, 11 and 72 are required for admission into the M.B.A. portion of this dual program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 10</td>
<td>Introduction to Microeconomics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 11</td>
<td>Introduction to Macroeconomics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 61</td>
<td>Microeconomic Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 62</td>
<td>Macroeconomic Analysis</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 72</td>
<td>Statistics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 73</td>
<td>Intermediate Business Statistics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Elective Economics Courses

Six of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 7</td>
<td>Political Aspects of Economics</td>
<td>3.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 14</td>
<td>Everyday Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 21</td>
<td>Money and Banking</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 22</td>
<td>Economics for Investors</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO/23</td>
<td>Behavioral Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 25</td>
<td>Economic Geography</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 32</td>
<td>Economics of American Industry</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 35</td>
<td>Economics of Government</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 36</td>
<td>Health Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 37</td>
<td>The Economics of Obesity</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 38</td>
<td>Sports Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 40</td>
<td>Contemporary Chinese Economy</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 41</td>
<td>International Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 42</td>
<td>Economics of Underdeveloped Countries</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 43</td>
<td>The Japanese Economy</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 44</td>
<td>The Transition Economies of Central Europe and the Former Soviet Union</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 45</td>
<td>Economics of the Middle East</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 46</td>
<td>Current Economic Issues</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 47</td>
<td>Economics and Aging</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 48</td>
<td>Economics and the Law</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 49</td>
<td>Economics of the Environment</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 54</td>
<td>History of Economic Thought</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 55</td>
<td>American Economic History</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 63</td>
<td>Labor Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO/65</td>
<td>Money and Capital Markets</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 74</td>
<td>Mathematical Economics</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 75</td>
<td>Game Theory: Individual Choices and Group Outcomes</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 81</td>
<td>Research Problems in Economics I</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 82</td>
<td>Research Problems in Economics II</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 359</td>
<td>Honors Advanced Elective</td>
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</tr>
<tr>
<td>ECO 360</td>
<td>Honors Advanced Elective</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 385</td>
<td>Honors Tutorial</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 386</td>
<td>Honors Tutorial</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 389</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 390</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>ECO 400</td>
<td>State, Society, and the Individual: Hoxie Colloquium</td>
<td>3.00</td>
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</table>

#### Required Mathematics Courses

One of the following sequences:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 5</td>
<td>Linear Mathematics for Business and Social Science</td>
<td>3.00</td>
</tr>
<tr>
<td>MTH 6</td>
<td>Calculus for Business and Social Science</td>
<td>3.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 7</td>
<td>Calculus and Analytic Geometry I</td>
<td>4.00</td>
</tr>
<tr>
<td>MTH 8</td>
<td>Calculus and Analytic Geometry II</td>
<td>4.00</td>
</tr>
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</table>

#### Required Undergraduate and Graduate Business Courses

All of the following:

Grades of B or better in ACC 11, FIN 11, MAN 11, MKT 11, MBA 621 and MBA 625 are required for admission into the M.B.A. portion of this dual program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 11</td>
<td>Accounting Principles I</td>
<td>3.00</td>
</tr>
<tr>
<td>FIN 11</td>
<td>Corporation Finance</td>
<td>3.00</td>
</tr>
<tr>
<td>MAN 11</td>
<td>Principles of Management</td>
<td>3.00</td>
</tr>
<tr>
<td>MKT 11</td>
<td>Marketing Principles and Practices</td>
<td>3.00</td>
</tr>
<tr>
<td>MBA 621</td>
<td>Financial Markets and Institution</td>
<td>3.00</td>
</tr>
<tr>
<td>MBA 625</td>
<td>Global Business: Environment and Operations</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Required Graduate Management Perspective Courses

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBA 620</td>
<td>Managing Informational Technology and e-Commerce</td>
<td>3.00</td>
</tr>
<tr>
<td>MBA 622</td>
<td>Competitive Marketing Strategy</td>
<td>3.00</td>
</tr>
<tr>
<td>MBA 623</td>
<td>Organizational Behavior</td>
<td>3.00</td>
</tr>
<tr>
<td>MBA 624</td>
<td>Operations Management</td>
<td>3.00</td>
</tr>
</tbody>
</table>

#### Elective Graduate Business Courses

Five courses/fifteen credits from all 700-level business courses (FIN, IBU, MAN, MIS and MKT), BLW 701 and TAX 726.

#### Required Capstone Graduate Business
Course
MBA 820  Business Policy  3.00

Credit and GPA Requirements
Minimum Total Credits: 150
Minimum Total Undergraduate Credits: 120
Minimum Graduate Credits: 36
Minimum Undergraduate Liberal Arts Credits: 90
Minimum Undergraduate Major GPA: 3.00
Minimum Undergraduate Cumulative GPA: 3.00
Minimum Graduate GPA: 3.00
Data Analytic Courses

DA 103 Programming in Python
This course provides hands-on-learning in leading-edge computing techniques for data science and programming in Python. Students will not only learn programming fundamentals but also leverage the large number of existing libraries available in Python to accomplish tasks with minimal code. Programming concepts are taught with rich Python examples. The course establishes a solid programming foundation for students to further pursue their data analytics studies.

Credits: 3
Every Fall and Spring

DA 105 Making Sense of Data
This course is offered as a First-Year Seminar for undergraduate students who may not major in computer science, data analytics and artificial intelligence to learn a variety of tools and techniques to make sense of data. Topics covered include databases, data analysis, visualization and mining, big data and blockchain. Students will develop an understanding of data analytics through reading literatures and learn to use tools such as Excel, Tableau, Python and MySQL through hands-on case studies and exercises in such fields as sports, finance and healthcare.

Credits: 3
Every Fall and Spring

DA 118 Data Analytics in Excel
The course provides students with the opportunity to learn data processing and data analytic skills needed to execute business and professional functionalities in Microsoft Excel. Emphasis is placed on how to efficiently navigate big datasets and use the keyboard to access commands during data processing. The course provides students extensive hands-on experience in learning through practicing with datasets drawn from accounting, finance and other business scenarios. Data visualization skills are also introduced and reinforced throughout the course. At the end of the course students are expected to earn the Microsoft Office Specialist Certification in Excel.

Credits: 3
Every Fall and Spring

DA 120 Introduction to Data Analytics with R and Python
This core required course in the Data Analytics program provides a comprehensive introduction to the principles of data science that underlie the data-mining algorithms, data-driven decision-making process, and data-analytic thinking. Topics include learning commands, arithmetic operators, logical operators, and functions in the analytical languages, writing scripts, performing descriptive analytics, creating analytical graphs, and working and manipulating data sets using the two most popular analytic languages of R and Python.

Credits: 3
Every Semester

DA 125 Multivariate and Advanced Statistics
This course covers advanced statistical techniques in the context of big data, such as multivariate regression, Bayesian methods, linear discriminant analysis, principal component analysis, factor analysis, and clustering as well as newer techniques, such as density estimation, neural networks, random forests, support vector machines, and classification and regression trees. Students will build a solid statistical foundation in the course for data mining and machine learning.

Pre requisite: MTH 23
Credits: 3
Every Fall and Spring

DA 130 Database Management with MySQL
This core required course in the Data Analytics program provides a comprehensive introduction to the principles and tools for managing and mining data, covering database management, data retrieval, data pre-processing, data analysis and mining. Students will learn enterprise database management and representative data mining algorithms. By the end of the course, the students will have mastered the essential skills and tools to approach problems data-analytically and mine data to discover knowledge and patterns.

Credits: 3
Every Semester

DA 131 Data Structures and Algorithms
This course provides students a comprehensive introduction to data structures and algorithms, including their design, analysis, and implementation. The concept of object-oriented programming is also introduced, including the use of inheritance, so that students can understand similarities and differences of various abstract data types and algorithmic approaches. Topics also include recursion, array-based sequences, stacks, queues, linked lists, trees, maps, hash tables, sorting and selection, text processing, and graphs.

Credits: 3
Every Fall and Spring

DA 140 Data Visualization
This course provides a comprehensive introduction and hands-on experience in basic data visualization, visual analytics, and visual data storytelling and introduces students to design principles for creating meaningful displays of quantitative and qualitative data to facilitate managerial decision-making in the field of business analytics. Modules cover the visual analytics process from beginning to end-from collecting, preparing, and analyzing data to creating data visualizations, dashboards, and stories that share critical business insights. Students will leverage the analytical capabilities of Tableau, the industry leading visualization tool.

Credits: 3
Every Semester

DA 153 Data Analytics Ethics
This course surveys the domestic and international development of data and information privacy law and regulation in response to the growing sense of urgency around data breach and analytics ethics. The course also addresses the way in which law, legal and regulatory institutions, and private sectors govern and control the flow of data and information. Topics also include ethical use of AI, oversight for algorithms, digital profiling, free speech, open government, cybersecurity, data communications. This course is designated as a “writing across the curriculum” (WAC) course offered by the program. Students will produce substantial written work throughout the course, including case briefs, study reports, and final term paper.

Credits: 3
Every Fall and Spring

DA 155 Introduction to Fintech
This course introduces Fintech through a hands-on data analytics approach and fosters students’ essential fintech data analytics skills. Topics include Fintech data acquisition, visualization, and analysis, High-frequency trading (HFT) data analytics, implied volatility analytics, Blockchain in Fintech, Smart contract, machine learning in Fintech, and other state-of-the-art fintech knowledge and skills.

Credits: 3
Every Fall and Spring

DA 162 Introduction to Artificial Intelligence
The course covers the basic principles of artificial intelligence. Students will learn some basic AI techniques, the problems for which they are applicable, and their limitations. The course content is organized roughly around what are often considered to be three central pillars of AI: Search, Logic, and Learning. Topics covered include basic search, heuristic search, game search, constraint satisfaction, knowledge representation, logic and inference, probabilistic modeling, and machine learning algorithms.

Crosslisted with AI 162
Credits: 3
Every Fall and Spring

DA 163 Data Mining and Business Intelligence
The study of advanced PROLOGO programming, including advanced topics in knowledge representation and reasoning methods, which include semantic networks, frames non-monotonic reasoning and reasoning under uncertainty. A study is made of concepts and design techniques in application areas, such as natural-language processing, expert systems, and machine learning. Introduction is made to genetic algorithms and neural networks.

Cross-listed with AI 163.
Credits: 3
Every Fall and Spring

DA 166 Computational Genomics
The course offers an introduction to basic theories,
history of the field, current research areas and clinical applications of computational genomics including disease diagnosis and risk assessment, genetic counseling, microbiome testing and pharmacogenomics. The impact on personalized medicine and medical products will be highlighted and the course emphasizes the principles underlying the organization of genomes and the methods and approaches of studying them. Methods for understanding concepts such as gene regulation, evolution, complex systems, genetics, and gene phenotype relationships are covered. Topics explored include sequence alignment, comparative genomics, phylogenetics, sequence analysis, structural genomics, population genetics, and metagenomic analysis and Bioinformatics tools as provided in the BioPython library will be utilized.

**Prerequisites:** DA 103, 120 & 125
**Credits:** 3
**Every Fall and Spring**

**DA 250 Introduction to Machine Learning & Cloud-based Analytics**
This course covers essential component techniques in machine learning and cloud-based big data analytics skills in business via hands-on learning approaches. The machine learning skills, which cover supervised, unsupervised and semi-supervised learning components, are emphasized via using tensorflow, sklearn, Spark Mlib and Amazon machine learning services to solve state-of-the-art massive data problems in business. AWS-based big analytics is covered in a comprehensive, deep, and hands-on ways, and Microsoft Azure and Google cloud technologies are also introduced. This class provides a series of case studies for students to understand machine learning and cloud computing resolutions for big data analytics better. Students are required to use state-of-the-art machine learning and big data analytics tool to solve real-world business problems and present their results.

**Pre Requisite:** DA 120
**Credits:** 3
**Every Semester**

**DA 260 Deep Learning**
This course is an introduction to deep learning; a branch of machine learning concerned with the development and application of modern neural networks. Deep learning algorithms extract layered high-level representations of data in a way that maximizes performance on a given task. Deep learning is behind many recent advances in artificial intelligence, including Siri speech recognition, Face book tag suggestions, and self-driving cars. A range of topics are covered which include basic neural networks, convolutional and recurrent network structures, deep unsupervised and reinforcement learning, and applications to various problem domains (e.g., speech recognition, computer vision, handwriting recognition, etc.)

**Cross-listed with AI 260.**

**Prerequisite:** DA 250
**Credits:** 3

**Every Fall and Spring**

**DA 265 Intro to Modern Cryptography**
The course will offer a thorough introduction to modern cryptography, focusing on models and proofs of security for various basic cryptographic primitives and protocols including key exchange protocols, commitment schemes, digital signature algorithms, oblivious transfer protocols and public-key encryption schemes. Applications to various problems in secure computer and information systems will be briefly discussed including secure multiparty computation, digital content distribution, evoting systems, digital payment systems, and cryptocurrencies. Cross-listed with AI 265.

**Credits:** 3
**Every Fall and Spring**

**DA 460 Capstone Project**
This core required course in the Data Analytics program trains students on the fundamental concepts needed for the role of a Business Analyst/Business Intelligence Engineer/Data Scientist in companies, and then equips students with the latest available tools to implement these concepts in answering business questions in a data driven way. This course uses hands-on project in business application of data analytics in an area of student interest, such as consumer behavior analytics, pricing analytics, marketing analytics, social media analytics, or other fields.

**Pre or Co-requisite of DA 120, 130, 140 and 250 Credits:** 3
**Every Semester**

**Economics Courses**

**ECO 5 Current Economic Problems**
This course is a one-semester survey of basic economic principles. Topics include: nature and functioning of American capitalism, the socialist alternative, big business and competition, the role of money, inflation and deflation, the economic system and environmental problems, the economy of the city, the ghetto and other urban problems, the U.S. and the international economy. Not open to students who have taken ECO 11. It, after completion of ECO 5, students wish to major in Economics or Business, they should consult the chair.

**Credits:** 3
**On Occasion**

**ECO 10 Introduction to Microeconomics**
This course covers the description and analysis of demand and supply, consumption, production, and competition and non-competitive product markets, markets for resources, and welfare. This course fulfills the requirements of economic stabilization.

**Credits:** 3
**On Occasion**

**ECO 11 Introduction to Macroeconomics**
This course discusses the important economic theory and concepts that facilitate understanding economic theories and concepts that facilitate understanding economic events and questions. Its main focus is on analyzing the behavior of important economic aggregates such as national income, unemployment, inflation, interest rates, exchange rates and economic growth. The effects of the government's monetary and fiscal policies on economic growth and inflation are also examined. This course fulfills the Power, Institutions, and Structures thematic cluster requirement in the core curriculum.

**Pre requisite of ECO 10 is required.**

**Credits:** 3
**On Occasion**

**ECO 21 Money and Banking**
This course covers the description and analysis of the monetary and credit system and appraisal of the contributions of Federal Reserve policy to a program of economic stabilization.

**Pre requisite of ECO 5 or 11 is required.**

**Credits:** 3
**On Occasion**

**ECO 22 Economics for Investors**
This course is a "hands-on" application of basic economic principles in asset allocation and portfolio selection. Emphasis is given to macroeconomic and microeconomic indicators, and the ways they are used to make intelligent investment decisions. The course is also valuable for students interested in pursuing Series 7 and Series 63 certification.

**Pre requisite of ECO 10 or 11 is required.**

**Credits:** 3
**On Occasion**

**ECO 23 Behavioral Economics**
This course describes how the use of evidence from psychology can improve the predictive power of standard economic theories. Standard economic theories represent human beings in ways that are often different from how they really behave. Evidence suggests that human behavior diverges often from standard notions of economic rationality in predictable ways. Predictions about individual behavior are more accurate and the policies of governments are more effective when this evidence is effectively used. This course is a non-technical introduction to the intersection of psychology and economics.

Same as PSY 23.

**Credits:** 3
**On Occasion**

**ECO 32 Economics of American Industry**
This course looks at the factors - including
government policies - that influence the behavior of firms. The effects of firms' choices on the welfare of consumers are examined. Topics include perfect competition, monopoly, oligopoly, monopolistic competition, pricing strategies, antitrust laws, and regulation.
Prerequisite of ECO 10 is required.
Credits: 3
On Occasion

ECO 35 Economics of Government
This course examines the role of government in a market economy, the justification for government intervention, and the design of efficient government policies. Topics include the incidence and effects of taxation, government expenditure programs, public goods, externalities, benefit-cost analysis, efficiency, equity, budget deficits, national debt, and democratic politics.
Prerequisite of ECO 10 or 11 is required.
Credits: 3
On Occasion

ECO 38 Sports Economics
This course focuses on the application of various economic models to enable student understanding of the sports industry. Specifically the course examines the competitive structure of sports leagues and franchises and their profit maximizing behavior, including methods to maintain an adequate competitive balance between franchises. Professional sports leagues maintain rich data on player (worker) performance providing unique opportunities for analyzing labor markets. These labor markets are very complex in that they operate with a great deal of market power on each side. The course also examines the public finance aspect of arena construction and the costs and benefits a city experiences by having a team.
Same as PE 143.
Credits: 3
On Occasion

ECO 40 Contemporary Chinese Economy
This course covers a number of aspects of the modern Chinese economy: its history, economic growth, sectoral analysis, foreign trade and investment, economic frictions, challenges and opportunities for the world economy.
Credits: 3
On Occasion

ECO 43 The Japanese Economy
Japan is one of the largest single economies in the world, an important U.S. trade partner and a major investor in the U.S. economy. Among the issues discussed are Japan's management system, trade with the U.S. and business opportunities and strategies for international firms.
Prerequisite of ECO 10 is required.
Credits: 3
On Occasion

ECO 46 Current Economic Issues
This course explains the economics of current issues such as: immigration, air pollution, health care, drugs and crime, college education, educational reform, social security, poverty, growth, deficits, surpluses and debt. Each issue is analyzed in detail and we discuss the possible outcomes for these issues.
Prerequisite of ECO 10 or 11 is required.
Credits: 3
On Occasion

ECO 48 History of Economic Thought
This course highlights the contributions of leading economists and the relevance of their theories to later periods. Systems of economic thought and consideration of application are compared to address current problems.
Credits: 3
Every Fall

ECO 61 Microeconomic Analysis
This course covers the theory of cost, demand, price, market structures and factor payments with special emphasis on firm economics.
Prerequisite of ECO 10 is required.
Credits: 3
Every Fall

ECO 62 Macroeconomic Analysis
This course covers income and employment theory that deals with the dynamics of aggregate consumption, investment and government spending in relationship to stability and growth.
Prerequisite of ECO 11 is required.
Credits: 3
Every Spring

ECO 63 Labor Economics
This course examines historical and institutional forces in industrial relations. Collective bargaining issues and public policy to promote labor-management cooperation, and other problems and issues associated with industrial society are covered.
Credits: 3
On Occasion

ECO 65 Money and Capital Markets
The main goal of this writing-across-the-curriculum course is to analyze and understand the main forces that are influencing and changing the U.S. financial system. Emphasis will be placed on both financial theory which includes the loanable funds theory, liquidity preference, the modern quantity theory of money, and theories of the term structure of interest rates and the U.S. institutional structure which includes an examination of financial markets and financial institutions and their competitive strategies. Regulatory changes and traditional and new financial instruments will be evaluated along with a discussion of the use of the Federal Reserve's flow of funds and material from rating agencies and major financial firms. Current events will also be covered. Cross-listed with FIN 65.
Prerequisite of FIN 11 or permission of chair is required.
Credits: 3
On Occasion

ECO 72 Statistics
Topics covered include descriptive statistics, elementary probability theory and probability distributions, sampling, estimation, hypothesis testing. Analysis of variance, regression and correlation analysis and index numbers are introduced.
Prerequisite of one of the following courses is required: MTH 1, 3, 3S, 4, 48, 5, 6, 7, 8, 15, or 16.
Credits: 3
Every Fall, Spring and Summer

ECO 73 Intermediate Business Statistics
This course is an introduction to the theory and practice of econometrics, with the goal of making students effective consumers and producers of empirical research in economics. Emphasis is placed on intuitive understanding rather than on formal arguments; concepts are illustrated with applications in economics using statistical software (for example, STATA) to estimate models using data sets.
Prerequisite of ECO 72 is required.
Credits: 3
On Occasion

ECO 74 Mathematical Economics
This course covers the mathematical analysis of economic theory. Topics include aspects of the theory of consumption, cost and production, market structures, existence of Walrasian equilibrium and stability of economic models, theory of economic growth and balanced growth models.
Prerequisites of ECO 10 or 11 and MTH 6 are required.
Credits: 3
On Occasion

ECO 81 Research Problems in Economics
Guided student research in the field of economics. In special cases, the chairman of the department may permit students to enroll in graduate courses.
Credits: 3
On Occasion

ECO 303 Introductory Microeconomics - Honors Core
The course deals with the theory of supply and demand, theory of the firm, resource allocation and
Emotional Intelligence (EO) is the capacity to understand, acknowledge, and be aware of your emotions to relieve stress, empathize with others, overcome challenges, effectively communicate, and resolve conflicts. EO helps build strong relations, succeed at work, and enhance the ability to connect with others on a more personal level. They will learn and practice essential skills and knowledge to control their emotions in the workplace effectively, and turn them into powerful leadership competencies. On the 2021 top 10 LinkedIn soft skills demanded by employers worldwide, it ranks 5th behind Creativity, Persuasion, Collaboration, and Adaptability.

**Entrepreneurship Courses**

**ENT 13 Financing Entrepreneurship Venture**
This course provides basic principles by which the modern corporation manages its assets, controls its liabilities, and raises new capital. Topics covered include the mathematics of finance, valuation and rates of return on securities, financial statement analysis, forecasting, planning and budgeting, working capital management, introduction to capital budgeting techniques, and cost of capital considerations.

Credits: 3  
Every Semester

**ENT 15 Idea to Enterprise**
An examination and application of the required skills, resources, and techniques that transform an idea into a viable business. Entrepreneurial decision-making is stressed and its role in idea generation, conception, opportunity analysis, and the marshaling of resources. Among the course requirements is that each student will prepare a formal enterprise pitch culminating in a presentation to a panel of venture capitalists.

Credits: 3  
Every Fall

**ENT 17 Social Entrepreneurship Consulting**
On a rotating semester basis various entrepreneurship specialties will be covered such as social marketing, crowd funding, E-commerce, social entrepreneurship, etc.

Credits: 3  
Every Semester

**ENT 18 Emotional Intelligence**
Emotional Intelligence (EO) is the capacity to discover, understand, and manage your emotions to cope with problems and conflicts, empathize with others, and respond empathically. EO helps to build strong relationships, succeed at work, and enhance the ability to connect with others on a more personal level. They will learn and practice essential skills and knowledge to control their emotions in the workplace effectively, and turn them into powerful leadership competencies. On the 2021 top 10 LinkedIn soft skills demanded by employers worldwide, it ranks 5th behind Creativity, Persuasion, Collaboration, and Adaptability.

Prerequisite of ECO 303 is required.  
Credits: 3  
Every Spring

**FM 10 Introduction to the Fashion Industry**
This course explores the relationship of the fashion industry to society and consumer demand. It includes fashion history development, a survey of select fashion industries, fashion design, apparel manufacturing, textile marketing, fashion merchandising, and accessory marketing in a global marketplace.

Credits: 3  
Every Fall

**FM 12 Business of Fashion Merchandising**
This course provides students with realistic information about the evolving landscape of the retailing and apparel merchandising industries. Students will learn how a line is created from the research and design stage to the marketing, sourcing, production and distribution stage. Insight on how the industry is organized, how apparel and accessory companies operate, and how they are affected by changing technology and globalization will also be shared. To engage students with real world application, the course meets regularly in The Student Body Boutique and includes periodic excursions to trade shows, visits to vendors and showrooms.

Credits: 3  
Every Spring

**FM 14 Math for Merchandising**
This course develops the mathematical and EXCEL skills for individuals who will be directly or indirectly involved in the activities of merchandising and buying for a fashion company or at the retail level. This course explains the essential concepts, practices, procedures, formulas, calculations, and interpretations of figures that relate to producing profitable buying and selling operations. At the same time, this course uses real world examples often modeled using EXCEL that reflect current industry practices and trends, so students are prepared for merchandising careers.

Credits: 3  
Every Fall

**FM 20 Buying for the Fashion Industry**
This course provides students with the skills and savvy needed to become effective buyers in any area of retail. Typical buying tasks, such as identifying and understanding potential customers, creating a six-month merchandising plan, and developing sales forecasts, will be discussed in the context of current business automated software. Additional topics will include the coverage of important retailing trends and technological advances, including social responsibility, sustainability, fast fashion, and the use of new media and social networking. This course will meet periodically in The Student Body to engage course concepts in a retail environment and on occasion work with the buying team at an actual trade show.

Pre requisites: FM 10 and FM 14  
Credits: 3  
Every Spring

**FM 24 Fashion Trend Forecasting**
Fashion trend analysis and forecasting is vital to product and brand development. Through trend analysis and forecasting using current industry forecasting service software, students gain an understanding of how consumers and industry serve as product developers, gatekeepers and promoters of fashion. This course explores the roles of how fashion consumption impacts the environment and economic development. It looks at how sociocultural changes, social responsibility and the digital consumer affect fashion trends. An ideal mix of creativity and professionalism are employed toward course deliverables including trend boards and associated presentations.

A pre requisite of FM 10 and FM 12 is required.  
Credits: 3  
Every Spring
FM 25 Brand Management
Students will develop core skills needed towards understanding, crafting, measuring, and managing brand strategies within fashion and other related industries. The course draws on marketing, sociological, and psychological theories of consumer behavior and examines branding as a co-creation of consumers, marketers, and culture. The course objectives are to: 1) design effective brand identities and value propositions as part of overall business strategy; 2) develop brand-building strategies 3) apply brand licensing and creative elements for effective branding; 4) leverage digital technologies, such as social media marketing, to promote branding and licensing programs. Coursework may incorporate a live business case and project designed to develop collaboration, critical thinking and creativity in brand management.
Prerequisite of MKT 11 is required.
Credits: 3
Every Fall

FM 26 Importing and Exporting
A global industry for sourcing, the fashion industry must take advantage of low-cost producing countries and their respective manufacturing. However, international trade is a necessity in order to grow and generate profits. The U.S. export-import trade policies/ procedures, current trends and key trade relationships are covered in this course. Students will become skilled in what research, resources and analysis skills come into play in order to decide whether to export or import and then how global trade issues affect the textile and apparel industries.
A pre requisite of FM 10 and FM 12 is required.
Credits: 3
Every Fall

FM 32 Fashion Media
This course will successfully cover how fashion media marketing communicates the value of a brand’s product or service to their target customer. Presently, with the emergence of new media: e-commerce, social media, digital content, interactive media, and mobile apps, the marketing process is moving at light speed. Companies and marketers with this enhanced customer information must be prepared to engage dynamically. In this class, students will explore all facets of new media through discussions, readings and exploration of pertinent websites, blogs and Instagram accounts. Special emphasis will be placed on current new media applications, activities and campaigns, using topical articles and case studies. Students will learn to identify and differentiate key media platforms and understand the pros and cons of each to effectively build targeted marketing strategies.
Credits: 3
Every Spring

FM 35 Computer Aided Design CAD for Merchandising
This fundamental course introduces the basic two-dimensional and three-dimensional graphic design software platform, known as Computer Aided Design (CAD). This tool can be used in various design and technical applications to enable designers to create and produce various design presentation products, such as visual display concepts, retail design, space planning, digital trend and concept boards, textile color developments, among other things. This course offers students the opportunity to upgrade their digital visual merchandising skills to industry standards and add an additional technical capability to their resumes.
Credits: 3
On Occasion

FM 39 Sustainability in Global Fashion
Sustainable fashion refers to fashion products that are manufactured, marketed and used in the most sustainable manner possible, taking into account both environmental and socio-economic aspects. This course provides students an opportunity to acquire a foundational understanding of the scientific, political and social issues related to the design of resilient urban futures. The topic of sustainability in textile manufacture has been the subject of considerable research. In this course, we will also explore the textile industry from the perspective of social sustainability, shifting the focus from the materiality of textile production to the industry's relationships with the communities from which the products originate.
Credits: 3
Every Fall

FM 40 Fundamentals of Textiles
This course explores the science of textiles including information regarding fabric identification: fabric name, fiber content, yarn construction, count, coloration, finishes, weight, and list of characteristics. Students will learn the inherent performance properties and construction of fibers and yarns which are relevant for professionals in the fashion industry, such as product developers, stylists, buyers, designers, etc. This course brings together a wide variety of information enabling students to spend less time trying to connect the ideas and more time applying the concepts so they can make appropriate choices in textile selections for a product.
A pre requisite of FM 10 is required.
Credits: 3
Every Fall

FM 45 The Business of Fashion Event Planning
In this course we will cover the dynamics of event planning, integrating social media, marketing and public relations as well as project management. We will cover a broad range of industries with an emphasis on fashion organizations. Student will perform actual event planning in real time across fashion, sports, entertainment and other disciplines which will vary based on the semester.
Credits: 3
Every Spring

FM 50 Visual Merchandising and Display
On Occasion

FM 56 Luxury Branding
In this course, we will examine luxury and its relationship with desire, status, consumption and economic value, exploring why luxury always triumphs in spite of the economy and world affairs. Students will study the brand, its purpose and target audience, shop the market and analyze merchandising and marketing strategies to reveal insights and create meaningful brand ethos.
Students will use case studies from the luxury sector such as like Chanel, LVMH and Tiffany, as well as luxury travel, retail store design, tech, beauty and accessories in exploring how the most successful luxury brands function and defining what luxury represents in the contemporary world. The final project of the program results in a deliverable that responds to current trends in the luxury marketplace, culminating in a paper and professional presentation.
A pre requisite of FM 10 is required.
Credits: 3
On Occasion

FM 60 Fashion Law
From fashion startups to ongoing business, fashion professionals must be savvy regarding the legal decisions and regulatory developments that affect fashion companies. This course explores intellectual property protection, licensing, anti-counterfeiting and litigation. It also covers the legal aspects for startups, and commercial transactions in local, custom, and international settings. Just as importantly, students will learn about the legal challenges and caveats in fashion advertising, marketing and celebrity endorsements. Course is cross-listed with LAW 13.
Pre requisites: FM 12; FM 25 or MKT 25
Credits: 3
Every Spring

FM 72 Fashion Style Writing
This course incorporates the construction of creative prose into the field of fashion with an emphasis on style. Features and copy for a variety of media including fashion magazines, advertising, trade publications, newspapers and increasingly online forums such as blogs and social media will be addressed. Ideas for source material will be
identified in this course the same way as in the industry by attending fashion shows and collaborating with professionals to identify trends in the marketplace. Pitching articles, conducting interviews, and writing fashion features are some of the learning activities incorporated in this course. A pre-requisite of FM 10 and FM 12 is required. 
Credits: 3
On Demand

**FM 92 Capstone**
In this course, students will develop a Fashion Start-up Entrepreneurial Venture by analyzing their target market and competition that culminates in a comprehensive business plan. Students will learn how to craft a mission statement, company name, product description, SWOT analysis, samples, merchandising plan, timeline, marketing strategy, and pitch. The final work can be used to demonstrate to future employers and other interested parties the students’ skills and aptitude for similar independent external work assignments. A written and oral presentation will be required. This course will satisfy one WAC requirement. A prerequisite of Senior status with a GPA of 2.00 or program director permission is required. Credits: 3
Every Spring

**Sport Management Courses**

**SPM 23 Sports and Leadership**
From leading sports professionals, students will learn skills related to creative problem solving and strategic planning, while developing the skills to lead, organize, and delegate in managerial and leadership positions. In the sports industry and beyond.
Credits: 3
Every Summer

**SPM 140 Introduction to Sports Management**
This course focuses on the basic philosophy, function, and principles of sports at all levels. Students will be exposed to the various career options plus their attendant roles and responsibilities.
Credits: 3
Every Fall and Spring

**SPM 141 Facility Management**
This course will focus on planning, designing and financing of athletics facilities. In addition, attention is accorded to the primary goals and objectives of facility managers. A prerequisite of PE 140 or instructor’s permission is required.
Credits: 3
Every Fall

**SPM 142 Sports Marketing**
This course focuses on the process of designing and implementing activities for the promotion and distribution of a sport product to a consumer. The principal steps in developing a marketing plan are outlined. A prerequisite of PE 140 or instructor’s permission is required.
Credits: 3
Every Spring

**SPM 143 The Economics of Sports**
This course will analyze contemporary sports using an economic approach. Issues such as the remuneration of professional athletes, the impact of competitive balance on team profits, the dichotomy and possible exploitation of student-athletes, and the pricing of television rights are subjected to economic analysis. Antitrust legislation and public financing of facilities are also critically examined. Cross listed with ECO 38. A prerequisite of PE 140 or instructor’s permission is required.
Credits: 3
Every Fall

**SPM 144 Sports Law**
This course will provide the student with a concentrated foundation for understanding the law and its relationship to organized athletics and sports management. Specific topics that will be highlighted include the impact of antitrust laws, personal service contracts, labor law, injury and liability, gender equity and sexual harassment. An examination of the role of legal services within the realm of sports organizations will be covered. A prerequisite of PE 140 or instructor’s permission is required.
Credits: 3
Every Fall

**SPM 145 Sports Management Internship**
In this course, internships will offer hands-on practical experience in a planned program of research observation, study and participation in sports management field settings at the college professional level or in recreation advertising, marketing, facilities management, and manufacturing. Internships will be arranged by the student and approved by the Director prior to commencement of the internship. A faculty advisor will be appointed to oversee the internship experience. A prerequisite of 12 credits in Sports Management Minor is required.
Credits: 3
Every Fall and Spring

**SPM 146 Psychology of Sports**
An introduction to the psychological factors that are important for athletic and team functioning in sports. Students will explore key theories and research across a range of psychological topics relevant to athletes and teams, and examine relationships between psychological factors and how they influence sports performance. Psychological factors that affect sports participation and the application to practical sports situations.
Credits: 3
Alternate Semesters

**SPM 147 Critical Issues in Sports Management**
This course will cover the full scope of the sport industry ranging from sport leagues, team sport, events, facility management, sponsorship, media,
product manufacturers and retailers to community sports, non-profit organizations, sport-for-development, sport development, just to name a few. The course will also cover the critical issues of gender and racial concerns, ethics and social responsibility, organizational changes, leadership, retirement, and more. Familiarity with these issues and how the industry has been shaped into its present conception is vital to your success as a sport professional, as is the understanding of how to examine the sports world through different lenses.

Credits: 3

On Occasion
**DEPARTMENT OF CRIMINAL JUSTICE**

The undergraduate criminal justice program provides an ideal foundation for careers in cyber security, law, and criminal justice. The criminal justice major is designed to take the student through the sequence of events in the criminal justice system, including entry into the system, prosecution and pretrial services, adjudication, sentencing and sanctions, and corrections. The major also prepares students for the growing impact of technology on crime prevention, mitigation, and analysis.

In the Bachelor of Arts in Criminal Justice and accelerated shared credit five-year B.A. Criminal Justice and M.S. Criminal Justice programs, each sequence is comprised of a variety of related courses. In addition to a substantial number of courses devoted to criminal justice theory, the student is exposed to the practice of criminal justice.

Criminal justice majors are required to complete a senior-level internship in which they gain first-hand experience with the criminal justice system. Upon graduation, the student is prepared to seek employment with various public and private agencies. In recent years, students have been employed by a variety of law enforcement agencies, the courts, social service agencies, probation departments, and correctional facilities, to name a few. The major also serves as a well-planned multidisciplinary course of study for pre-law students and those desiring to go on to graduate work in related social and behavioral disciplines.

**B.A. Criminal Justice**

The Bachelor of Arts degree program in criminal justice is designed to meet the demands of students looking for careers in law enforcement, the courts, corrections, and related fields. The program also provides an excellent pathway towards the academic study of law. The criminal justice curriculum is designed to expose students to today’s technology that impacts the criminal justice system. In addition to our core curriculum, which thoroughly explores the theory and practice of criminal justice, students can choose from elective courses that focus on specialized areas of interest such as sports crime and terrorism. Internships opportunities are available for all students in the program. The LIU Post criminal justice professors are an internationally renowned group of academic professionals with extensive experience in the criminal justice field. They provide students with the tools necessary for careers in the field of criminal justice. Our professors will engage and inspire you to achieve your goals.

**B.A. Criminal Justice**

*Program Code: 07077 | HEGIS: 2105.0*

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.A. Criminal Justice must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum**

(32-33 credits)

POST 101 1 credit
First-Year Seminar 3 credits
Writing I 3 credits
Writing II 3 credits
Quantitative Reasoning 3 credits
Scientific Inquiry & the Natural World 4 credits
Creativity, Media & the Arts 3 credits
Perspectives on World Cultures 3 credits
Self, Society & Ethics 3 credits
Power, Institutions & Structures 3 credits
Additional course from one cluster 3-4 credits

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

**Major Requirements**

Required Criminal Justice & Cyber Analytics Courses

<table>
<thead>
<tr>
<th>All of the following (36 credits):</th>
</tr>
</thead>
<tbody>
<tr>
<td>CACJ 11 Introduction to Criminal Justice &amp; Cyber Security 3.00</td>
</tr>
<tr>
<td>CACJ 20 Critical Issues in Criminal Justice 3.00</td>
</tr>
<tr>
<td>CACJ 23 Theories of Crime 3.00</td>
</tr>
<tr>
<td>CACJ 30 Gender and the Law 3.00</td>
</tr>
<tr>
<td>CACJ 37 Foundation for Scholarship 3.00</td>
</tr>
<tr>
<td>CACJ 38 Methods of Criminal Justice Research 3.00</td>
</tr>
<tr>
<td>CACJ 41 Criminal Law 3.00</td>
</tr>
<tr>
<td>CACJ 44 The Police and Community Relations 3.00</td>
</tr>
<tr>
<td>CACJ 60 Terrorism 3.00</td>
</tr>
<tr>
<td>CACJ 68 Correctional Philosophy: Theory and Practice 3.00</td>
</tr>
<tr>
<td>CACJ 76 Criminal Procedure 3.00</td>
</tr>
<tr>
<td>CACJ 85 Criminal Justice &amp; Cyber Security Practicum 3.00</td>
</tr>
</tbody>
</table>

**Accelerated Shared Credit Program**

**Accelerated B.A. Criminal Justice and M.S. Criminal Justice**

This program allows students to earn both the B.A. and the M.S. degrees in Criminal Justice in as few as five years. Students usually apply at the beginning of their junior year, earn 12 credits toward the master’s degree in their senior year, and complete the program in one additional year by taking 24 more credits.

The 144-credit accelerated shared credit program combines a broad-based criminal justice undergraduate education with specialized graduate coursework. The program develops the professional knowledge and skills required for rewarding careers within the field of criminal justice. We offer a wide variety of courses specifically related to the study of law. Experienced faculty members, a well-established internship program, professional networking opportunities, and knowledgeable academic and career advisors empower our students to get the most out of their education.

**Admission Requirements**

- Incoming freshmen must have a B average (3.0 or 82-85 grade point average) and an average SAT score of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above. Transfer students must have a college GPA of 2.0.
- Admission to the upper division of the accelerated shared credit B.A. and M.S. program in Criminal Justice usually requires completion of at least 60 credits with a grade point average of no lower than 3.0 (B) overall and a major grade point average of no lower than 3.0 (B). Admission requires acceptance of the student by the Chair of the Department of Criminal Justice. If the student has not completed 60 credits or does not possess the necessary 3.0 average, the Chair of the Department of Criminal Justice may employ other criteria to ensure qualification (e.g., SAT scores, letters of prior work, interview, etc.).

**Academic Policies**

- All non-Criminal Justice majors may take any criminal justice course without any prerequisites.
- All Criminal Justice majors are required to take...
CACJ 11 and 23 as prerequisites or corequisites for CACJ 30, 37, 38, 41, 44, 60, 68, 76 and 85. There are no prerequisites for Criminal Justice elective courses.

- Criminal justice majors must take CACJ 85 in their senior year.
- In-service students may substitute CACJ 85 by completing an additional course in Criminal Justice.

B.A. Criminal Justice and M.S. Criminal Justice

*Program Code: 07077 and 07078*

*HEGIS: 2105. and 2105.*

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.A. / M.S. Criminal Justice must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum (32-33 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Writing II</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World</td>
<td>4</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>Self, Society &amp; Ethics</td>
<td>3</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3</td>
</tr>
<tr>
<td>Additional course from one cluster</td>
<td>3-4</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

**Undergraduate Major Requirements**

**Required Undergraduate Criminal Justice Courses**

All of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CACJ 11</td>
<td>Introduction to Criminal Justice</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 20</td>
<td>Critical Issues in Criminal Justice</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 23</td>
<td>Theories of Crime</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 30</td>
<td>Gender and the Law</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 37</td>
<td>Foundation for Scholarship</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 38</td>
<td>Methods of Criminal Justice Research</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 41</td>
<td>Criminal Law</td>
<td>3.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CACJ 44</td>
<td>The Police and Community Relations</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 60</td>
<td>Terrorism</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 68</td>
<td>Correctional Philosophy</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 76</td>
<td>Criminal Procedure</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 85</td>
<td>Criminal Justice Practicum</td>
<td>3.00</td>
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</tbody>
</table>

Graduate Major Requirements

**Required Graduate Criminal Justice Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CACJ 555</td>
<td>Cyber Security</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 675</td>
<td>Critical Issues in Criminal Justice</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 690</td>
<td>Theories of Crime Causation</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 699</td>
<td>Foundations of Scholarship</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 700</td>
<td>Research Design and Methods</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 707</td>
<td>Thesis Research</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 708</td>
<td>Thesis Consultation</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 760</td>
<td>Terrorism</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**General Graduate Criminal Justice Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CACJ 523</td>
<td>Computers and the Criminal Justice System</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 530</td>
<td>Victimology</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 577</td>
<td>Police and Professionalism</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 600</td>
<td>Advanced Standing Criminal Justice I</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 601</td>
<td>Advanced Standing Criminal Justice II</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 630</td>
<td>Forensice Psychology</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 631</td>
<td>Seminar in Organized Crime</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 635</td>
<td>The Mass Murderer and the Violent Criminal</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 640</td>
<td>Seminar in Administration of Juvenile Justice</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 655</td>
<td>Counseling in Criminal Justice</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 680</td>
<td>Graduate Internship</td>
<td>3.00</td>
</tr>
<tr>
<td>CACJ 698</td>
<td>Crime and Criminality in Cinematography</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Minimum Total Credits: 144
Minimum Total Undergraduate Credits: 120
Minimum Graduate Credits: 36
Minimum Undergraduate Liberal Arts Credits: 90
Minimum Undergraduate Major GPA: 3.00
Minimum Undergraduate Cumulative GPA: 3.00

Minimum Graduate GPA: 3.00
Criminal Justice Courses

CACJ 11 Introduction to Criminal Justice
This course covers the agencies that make up today's criminal justice system such as police, courts and corrections. It introduces the student to the cyber threats confronted by these agencies and explores the role of cyber security in mitigating crime.
Credits: 3
Every Fall and Spring

CACJ 20 Critical Issues in Criminal Justice
This course reviews contemporary issues in criminal justice. Issues such as the media, gun control, and immigration are all discussed with their impact on the criminal justice system.
Co-requisite of CACJ 11 and 23 are required for all CACJ majors.
Credits: 3
Every Fall and Spring

CACJ 23 Theories of Crime
This course surveys major psychological, sociological, economic, anthropological and biological causative theories relating to crime and delinquency.
Credits: 3
Every Fall and Spring

CACJ 30 Gender and the Law
This course examines the legal system in the United States as it affects women. Particular attention is paid to criminal law as it relates to: issues of privacy; marriage and family life; affirmative action progress; role of women in the criminal justice system; women as victims of crime; and women of color.
Writing Across the Curriculum (WAC) course
Co-requisite of CACJ 11 and 23 are required for all CACJ majors.
Credits: 3
Every Fall and Spring

CACJ 31 Organized Crime in America
This course analyzes the origin, historical development and dimension of organized crime in America. Topics also include the effect of organized crime on law enforcement personnel in its relationship to possible corruption, prevention and prosecution of criminal offenders involved in organized crime and policy consideration.
Credits: 3
On Occasion

CACJ 32 Interviewing Techniques in Criminal Justice
This course covers the development of interviewing skills for work in criminal justice agencies; the demonstration and practice in the use of interviewing techniques; the integration of the criminal justice interview and utilization of significant personnel data and findings.
Credits: 3
On Occasion

CACJ 33 Deviant Behavior
This course discusses the forms of deviant behavior that relate to crime causation and criminal behavior. Writing Across the Curriculum (WAC) course
Credits: 3
On Occasion

CACJ 35 Forensic Psychology and the Violent Criminal
This course analyzes psychological theories relating to aggression and criminal violence; this course focuses on the incidence and forms of violent criminal behavior in all types of surroundings.
Credits: 3
On Occasion

CACJ 37 Foundation for Scholarship
This course develops tools for conducting research and for writing criminal justice papers. Tools include the following: approaches to writing a research paper, correct grammar usage, forms of documentation, library resources, data sources and computer usage. Topics cover various aspects within the field of criminal justice. Writing Across the Curriculum (WAC) course
Co-requisite of CACJ 11 and 23 are required for all CACJ majors.
Credits: 3
Every Fall and Spring

CACJ 38 Methods of Criminal Justice Research
This course discusses the descriptive and inferential function of statistics. Topics include measurement, measures of centrality, dispersion, correlation, regression, parametric and non-parametric measures. Multiple correlation and regression are also discussed.
Co-requisite of CACJ 11 and 23 are required for all CACJ majors.
Credits: 3
Every Fall and Spring

CACJ 39 Sports Crime
This course is a survey of violence and other deviance in sports and how they relate to society and criminal law. Special attention is given to the reduction of violence in sports as well as its defense. Hockey, baseball, football, soccer, basketball, boxing and horse racing are all discussed with respect to violence, drugs and gambling.
Credits: 3
On Occasion

CACJ 41 Criminal Law
This course examines the application of criminal law in the American judicial system specifically. Preservation and protection of life and property through the law is discussed. This course is a survey of historical and philosophical concepts.
Co-requisite of CACJ 11 and 23 are required for all CACJ majors.
Credits: 3
Every Fall and Spring

CACJ 42 Criminology
This course is a study of methods and theories involved in the analysis of criminal behavior with emphasis on the adult offender: apprehension, court actions, punishments, and treatment techniques. Writing Across the Curriculum (WAC) course
Credits: 3
On Occasion

CACJ 43 Juvenile Delinquency
This course covers the development of the scientific study of juvenile delinquency with emphasis on methods, theories and studies concerning causation, treatment and prevention. Writing Across the Curriculum (WAC) course
Credits: 3
On Occasion

CACJ 44 The Police and Community Relations
This course discusses community tensions and conflicts and the special role of law enforcement agencies. Topics include the administrative responsibilities of the police and the social obligations of officers in the field.
Co-requisite of CACJ 11 and 23 are required for all CACJ majors.
Credits: 3
Every Fall and Spring

CACJ 56 Counseling in Criminal Justice
This course examines the development of individual and group counseling skills for use in treatment-oriented criminal justice agencies. This is a survey of the theory and application of counseling methods.
Credits: 3
On Occasion

CACJ 60 Terrorism
This course is a survey of terrorism within the United States. Topics include the threat of domestic, transnational, and international terrorism, terrorist groups, and counter-terrorism strategies, among other related topics.
Co-requisite of CACJ 11 and 23 are required for all CACJ majors.
Credits: 3
Every Fall and Spring

CACJ 68 Correctional Philosophy: Theory and Practice
This course is an introductory survey of the philosophy, theory, and practice involved in the treatment of convicted law violators of all ages. The course also studies the effect of institutional treatment upon post-correctional behavior.
Co-requisite of CACJ 11 and 23 are required for all CACJ majors.
Credits: 3
Every Fall and Spring

CACJ 76 Criminal Procedure
This course surveys the Constitutional rights and
safeguards of individuals from unlawful activities of investigative agencies. The rules of evidence and the protection of individual rights in the administration of criminal justice are examined.

Corequisite of CACJ 11 and 23 are required for all CACJ majors.

Credits: 3

Every Fall and Spring

CACJ 85 Criminal Justice Practicum
This course is a planned program of research, observation, study, and participation in selected criminal justice agencies. It is designed to supplement classroom study with constructive participation in local, state and national criminal justice agencies. Taken during senior year.

Corequisite of CACJ 11 and 23 are required for all CACJ majors.

Credits: 3

Every Fall and Spring

CACJ 88 White Collar Crime in Cyberspace
This course focuses on the crimes committed in the course of the offender’s legitimate occupation. It examines issues in white-collar crime including corporate exploitation of people, the environment, other corporations and collusion between government and business.

Credits: 3

On Occasion

CACJ 99 Independent Study
Individually tailored program of supervised research in a selected area of criminal justice & cyber analytics.

Credits: 3

Every Fall and Spring
School of Health Professions and Nursing

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 Behavioral Health Professions (includes Clinical Doctorate in Psychology, Psychology and Social Work), Diagnostic Health Professions (includes Biomedical/Clinical Laboratory Sciences, Health Administration, Radiologic Technology and Nutrition), Nursing, Therapeutic Health Professions (includes Communication Sciences and Disorders and Veterinary Technology). Please refer to the departments for specific information on degrees and certificates.

Drawing from intense classroom studies, real-world internship opportunities, interprofessional learning experiences, research, 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. The school utilizes state-of-the-art technology for the education of our students, including simulated and research laboratories, 3D dissection tables, and virtual reality technology. 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 and Human Services.

The faculty are renowned experts in their areas of practice and education as evidence by their abilities in teaching, clinical practice, and scholarship.

Department of Behavioral Health Professions

The Department of Behavioral Health Professions offers a variety of programs in the fields of Psychology and Social Work. The Bachelor of Arts in Psychology program offers students the opportunity to develop a strong foundation in the science of psychology. The degree requirements ensure that students gain an understanding of fundamental areas within psychology as well as develop the tools needed - in terms of statistics and research methods - to make advancements in the field. The Master’s in Behavior Analysis program helps students prepare themselves for a rewarding career that allows the application of ideas and principles from Psychology and the field of Behavior Analysis in order to help improve the lives of others. This program provides students with the coursework needed to sit for the Behavior Analysis Certification exam. The doctoral program in Clinical Psychology provides students with training and education needed to have a rewarding career helping others.

The highly respected Bachelor of Science in Social Work program prepares individuals for rewarding careers in health and human service agencies. Our graduates are generalist practitioners who serve as advocates, educators, counselors, mediators, facilitators, coordinators, and leaders. They work to promote the changes needed to enhance the well-being of individuals, families, groups, communities, and organizations. Students also acquire the foundation of knowledge, values, and skills for graduate education. They are eligible (with the proper GPA) to apply for advanced standing, one-year MSW, including LIU’s program with a specialization in services for children and families. The Department of Health and Human Services maintains a strong alumni network, organizes special symposiums with industry experts, and offers opportunities for students to intern in various government, health, and social service agencies. The Department maintains accreditations for professional programs from agencies such as the Network of Schools of Public Policy, Affairs and Administration (NASPAA), the Joint Review Committee on Education in Radiologic Technology (JRCERT), and the Council on Social Work Education (CSWE).

B.A. in Psychology

The Bachelor of Arts in Psychology is a popular and versatile undergraduate degree. It can be applied to almost any area of work, including social services, law, human resources, business, and government. Courses in this program explore the nature of personality, how people learn, how gender affects development, and the different ways in which people interact. Elective courses will introduce you to interesting and relevant topics including forensic psychology, psychosomatics, neuroscience, social psychology, and developmental psychology.

As a psychology major, you will survey current knowledge and viewpoints about the science of behavior and cognitive processes. You will learn the research methods by which such knowledge is obtained, and be allowed to study basic psychological processes, their development, the nature of behavioral aberrations, their treatment, and selected applications of this knowledge. Our faculty’s expertise spans many areas, including neuroscience, social psychology, educational psychology, developmental disabilities, and learning and memory.

B.A. in Psychology

Program Code: 07074  {HEGIS: 2001.0}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.A. Psychology must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum

(32-33 credits)

<table>
<thead>
<tr>
<th>Sequence</th>
<th>Name of Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>General Psychology</td>
<td>3.00</td>
</tr>
<tr>
<td>OR</td>
<td>Principles of Psychology</td>
<td>4.00</td>
</tr>
</tbody>
</table>

Required Psychology Courses

Taken within the first 9 credits in the major, with a required grade of at least C-

<table>
<thead>
<tr>
<th>Course</th>
<th>Name of Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 110</td>
<td>Psychological Statistics I</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 211</td>
<td>Experimental Psychology I</td>
<td>3.00</td>
</tr>
</tbody>
</table>

One of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Name of Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 212</td>
<td>Psychological Tests and Measures</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 213</td>
<td>Psychological Statistics II</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Two of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Name of Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 416</td>
<td>Experimental Psychology II</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 422</td>
<td>Issues in Developmental Psychology</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 430</td>
<td>Differential Diagnosis</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 440</td>
<td>Issues in Social Psychology</td>
<td>3.00</td>
</tr>
</tbody>
</table>
placements in settings such as hospitals, schools, field seminars link classroom learning to field analysis, research methods, and field practice. The social environment, social welfare and policy social work major include human behavior in the experiential component. Classes that make up the and offers a liberal arts training with a strong emphasis on social justice advocacy, clinical education with a focus on the healthcare system. Students interested in healthcare as a future field include:

- Completion of a short self-assessment essay and a social work electives in connection with the health sciences department. The two required courses are:
  - HSC 101 – Introduction to Health Professions
  - SWK 30/HSC 102 – Interdisciplinary Helping Professions

### B.S. Social Work

#### B.S. in Social Work

[Program Code: 19722] (HEGIS: 2104.0)

#### Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Social Work must satisfy all core curriculum requirements as follows:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>First-Year Seminar</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>3 credits</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World (BIO 1 required)</td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Ethics, Self &amp; Society (PSY 101 required)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3 credits</td>
</tr>
<tr>
<td>(ECO 10 required)</td>
<td></td>
</tr>
<tr>
<td>Additional course from one 3-4 credits cluster (PHI 13 required)</td>
<td></td>
</tr>
<tr>
<td>Ethics, Self &amp; Society cluster</td>
<td></td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

#### Major Requirements

<table>
<thead>
<tr>
<th>Required Classes for the B.S. in Social Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPA/ SWK 18 Research Methods</td>
</tr>
<tr>
<td>SWK 19 Statistics for the Administrators</td>
</tr>
<tr>
<td>HPA 20 Computer-Based Management Systems</td>
</tr>
<tr>
<td>SWK 50 Social Welfare Programs &amp; Policies I</td>
</tr>
<tr>
<td>SWK 51 Social Welfare Programs &amp; Policies II</td>
</tr>
<tr>
<td>SWK 60 Human Behavior in the Social Environment I</td>
</tr>
<tr>
<td>Course</td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td>SWK 61</td>
</tr>
<tr>
<td>SWK 70</td>
</tr>
<tr>
<td>SWK 71</td>
</tr>
<tr>
<td>SWK 75</td>
</tr>
<tr>
<td>SWK 79</td>
</tr>
<tr>
<td>SWK 80</td>
</tr>
<tr>
<td>SWK 90</td>
</tr>
<tr>
<td>SWK 91</td>
</tr>
</tbody>
</table>

**Required Social Work Elective Courses**

Choose two of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT 1</td>
<td>Development of the Human Species, Culture and Society</td>
<td>3.00</td>
</tr>
<tr>
<td>ANT 2</td>
<td>Human Society</td>
<td>3.00</td>
</tr>
<tr>
<td>PHI 8</td>
<td>Introduction to Philosophy</td>
<td>3.00</td>
</tr>
<tr>
<td>PHI 14</td>
<td>Introduction to Critical Reasoning</td>
<td>3.00</td>
</tr>
<tr>
<td>PHI 19</td>
<td>Biomedical Ethics</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 25</td>
<td>Developmental Psychology: Childhood</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 26</td>
<td>Developmental Psychology: Adolescence</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 29</td>
<td>Developmental Disabilities</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 30</td>
<td>Personality: Research and Theory</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 32</td>
<td>Social Psychology</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 63</td>
<td>Abnormal Psychology</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 70</td>
<td>Developmental Psychology: Adulthood and Aging</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 121</td>
<td>Human Growth and Development Across the Lifespan</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 2</td>
<td>Social Institutions</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 3</td>
<td>Social Problems</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 15</td>
<td>Social Change</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 22</td>
<td>Sociology of Families</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 24</td>
<td>Sociology of Adolescence and Youth</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 33</td>
<td>Deviant Behavior</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 70</td>
<td>Sociology of Poverty</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 30</td>
<td>Interdisciplinary Helping Professions</td>
<td>3.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWK 31</td>
<td>Child and Family Services: The Practice</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 385</td>
<td>Honors Tutorial</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 386</td>
<td>Honors Tutorial</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 389</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
<tr>
<td>SWK 390</td>
<td>Honors Thesis</td>
<td>3.00</td>
</tr>
</tbody>
</table>

**Required General Co-Related Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 10</td>
<td>Introduction to Microeconomics</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 20</td>
<td>Computer-Based Management Systems</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 40</td>
<td>Organizational Leadership</td>
<td>3.00</td>
</tr>
<tr>
<td>PHI 13</td>
<td>Ethics and Society</td>
<td>3.00</td>
</tr>
<tr>
<td>PSY 101</td>
<td>General Psychology</td>
<td>3.00</td>
</tr>
<tr>
<td>SOC 1</td>
<td>Introduction to Sociology</td>
<td>3.00</td>
</tr>
<tr>
<td>BIO 1</td>
<td>Foundations of Biology I</td>
<td>4.00</td>
</tr>
</tbody>
</table>

**Required Co-Related Biology Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 7</td>
<td>Human Anatomy and Physiology I</td>
<td>4.00</td>
</tr>
</tbody>
</table>

**Credit and GPA Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Total Credits</td>
<td>120</td>
</tr>
<tr>
<td>Minimum Liberal Arts Credits</td>
<td>60</td>
</tr>
<tr>
<td>Minimum Major Credits</td>
<td>50</td>
</tr>
<tr>
<td>Minimum Overall GPA</td>
<td>2.75</td>
</tr>
<tr>
<td>Minimum Major GPA</td>
<td>2.75</td>
</tr>
</tbody>
</table>

**ACCELERATED SHARED CREDIT PROGRAMS**

**Shared Credit B.A. in Psychology/MHA in Health Administration**

The Shared Credit Bachelor’s/Master’s program allows students to earn the Psychology Bachelor of Arts degree and the Master of Health Administration degree in 10 fall/spring semesters.

- During each of the fall and spring semesters of their fourth year in the BA program, students take 6 credits of graduate coursework in Healthcare Administration.
- During each of the fall and spring semesters of their graduate work, students take 12 credits of coursework.

To learn more about the courses required for the Bachelor of Arts degree in Psychology and the Master of Health Administration degree, please reference those related sections of this bulletin and the graduate bulletin. Students who are interested in the program should apply for the Master of Health Administration in their junior year. Admissions requirements include a 3.0 overall GPA.

Healthcare is the number one industry on Long Island. The combination of Psychology and Health Administration allows students to seek a broad range of administrative, management, and social and personnel positions in the public, nonprofit, healthcare, and private sectors.
### Psychology Courses

**PSY 98 Psychological Perspectives of Teaching and Learning**
This WAC course, designed for prospective teachers, explores teaching and learning through the lens of psychological theories. The course addresses individual differences in intelligence, cognitive development, and socioemotional development, focusing on the importance of ascertaining students' backgrounds and individual strengths and weaknesses. The course emphasizes various perspectives of how people learn, concentrating on how to apply learning theories to the design of independent and cooperative learning environments. For education majors only.  
Open to Education Majors only  
Credits: 3  
Every Fall and Spring

**PSY 100 Psychology in Everyday Life**
Psychology can be used to help explain numerous aspects of human behavior, perception, and interaction. This course will use ideas, theories, and findings from the field of psychology to help explain and make predictions about one area of everyday life. The specific area that will be addressed will be announced in advance.  
Pre requisite: Freshman status  
Credits: 3  
Every Fall

**PSY 101 General Psychology**
This course is a survey of principles, concepts, and ideas from psychology. Topics will include research in psychology; biological bases of behavior; sensation and perception; learning; developmental psychology; social psychology. Not open to students who have taken PSY102. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.  
Not open to students who have taken PSY 102.  
Credits: 3  
Every Fall and Spring

**PSY 103 Neuroethics**
Neuroethics is a field of inquiry that requires critical thinking about the advancements in neuroscience and medicine. The student will learn about how the brain has affected our sense of selves and how scientists are faced with ethical dilemmas such as the use of animals in research, informed consent, the implications of uncovering false memories, and the future of brain imaging. A systematic approach will be used to discuss various ethical principles relating to artificial intelligence, prenatal screening, nanotechnology, and the use of drugs for enhancement. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.  
Credits: 3  
On Occasion

**PSY 104 Psychological Statistics I**
This course introduces the principles of descriptive and inferential statistics. Must be taken within the first 9 credits as a psychology major.  
A pre or co requisite of PSY 101 or 102 is required.  
Credits: 3  
Every Fall and Spring

**PSY 120 Developmental Psychology: Childhood**
Behavior and development during childhood is covered. The emphasis, in this course, is on normal physical, intellectual, emotional, and social growth and development.  
Pre requisites: PSY 101 or PSY 102  
Credits: 3  
Every Fall and Spring

**PSY 121 Human Growth and Development Across the Lifespan**
This course provides an overview of human growth and development, covering the lifespan of the individual. Basic concepts, principles, and theories of physical, cognitive, and psychosocial development at each major stage of life from prenatal development through late adulthood are addressed in the course.  
Credits: 3  
Every Fall and Spring

**PSY 130 Neuroscience**
This course is a survey of neural base of behavior. Topics will include the sensory system (e.g., vision and audition), neuroanatomy and neurotransmitter. Brain structure will be associated with neurological functions and dysfunction (e.g. schizophrenia, depression, stroke, Alzheimer's and Parkinson's disease). Finally, neural correlates of "sleep", "movement" and "learning" will be covered.  
Pre requisites: PSY 101 or PSY 102  
Credits: 3  
Every Fall

**PSY 140 Social Psychology**
This course addresses the role of the real and imagined presence of others on people's thoughts, feelings, and behaviors. It examines how people make sense of others' behavior as well as topics including interpersonal relationships, aggression, and altruism.  
Credits: 3  
Every Fall

**PSY 150 Cognitive Psychology**
This course addresses how we understand and make sense of the world. Topics include perception, memory, thinking, knowledge, and language.  
Pre requisites: PSY 101 or PSY 102  
Credits: 3  
Every Spring

**PSY 160 Learning and Memory**
This course is a survey of findings, methods and principles in animal and human learning and memory. Topics usually include classical and operant conditioning, reinforcement theory, short-term and long-term memory, and selected current issues.  
Pre requisites: PSY 101 or PSY 102  
Credits: 3  
Every Fall

**PSY 170 Psychopathology**
This course covers the historical approaches to the concepts of normality and abnormality. The description of traditional patterns of problem behavior in addition to reference to relevant personality theories and clinical research are presented.  
Pre requisites: PSY 101 or PSY 102  
Credits: 3  
Every Fall and Spring

**PSY 180 Research Methods and Analysis**
This course introduces the principles of descriptive and inferential statistics. Students will learn how to interpret statistical analyses presented in research articles, and they will learn to conduct and interpret their own analyses. The use of computer programs for the analysis of data is emphasized.  
A pre requisite of PSY 110 is required.  
Credits: 3  
On Occasion

**PSY 211 Experimental Psychology**
This course is an introduction to the philosophy of science and the basic principles of research. The design of observational, correlational, and experimental research is covered. Representative experiments are performed, analyzed and reported in written form.  
Pre requisites of PSY 101 or PSY 102 and a C+ or better in PSY 110  
Credits: 3  
Every Fall and Spring

**PSY 212 Psychological Tests and Measurements**
This course addresses some of the types of tests and measurements that are used within different areas of psychology. The course focuses on concepts such as reliability and validity and how the utility of tests can be assessed.  
A pre requisite of PSY 110 is required.  
Credits: 3  
On Occasion

**PSY 213 Psychological Statistics II**
This course is a further study of descriptive and inferential statistics. Students will learn how to interpret statistical analyses presented in research articles, and they will learn to conduct and interpret their own analyses. The use of computer programs for the analysis of data is emphasized.  
Pre requisite of PSY 110 is required.  
Credits: 3  
Every Spring

**PSY 220 Developmental Psychology Adolescence**
The course examines cognition, intelligence, social relationships, familial relationships, stress, self-esteem, and moral development during adolescence. Attention is also given to race, gender, and ethnicity. The emphasis is on normal physical, intellectual, emotional, and social growth and development. This course is not open to students who have taken EDI 17.  
Not open to students who have taken EDI 17  
Credits: 3  
Every Spring

**PSY 230 Psychopharmacology**
This course is a survey of drugs that affect behavior.
The course usually begins with the fundamentals of nervous system structure and function, briefly covers techniques for assessment of drug effects, and then scrutinizes representative depressants, tranquilizers, antidepressants, and stimulants and concludes by examining the opiates, the hallucinogens, and marijuana.

Credits: 3
Every Spring

**PSY 242 Psychology of Group Differences**

In an increasingly diverse America, it becomes imperative to understand differences in thinking and behaviors between groups (e.g., gender differences, cultural differences). This course addresses group differences, emphasizing psychology's role in understanding interpersonal relationships and intergroup interactions. PSY 140 recommended.

Credits: 3
Every Fall

**PSY 261 Applied Behavior Analysis**

This course is a survey of the methodology for the analysis of human behavior and techniques for behavioral change. It includes a discussion of behavioral approaches to developing more effective systems of rehabilitation in institutions for the mentally ill and intellectually impaired, and for behavior change in the homes or classrooms of normal and emotionally disturbed children.

A pre or co requisite of PSY 101 or 102 is required.

Credits: 3
Every Spring

**PSY 270 Developmental Disabilities**

This course is a survey of the etiology and treatment of a wide range of developmental disabilities including autism, intellectual impairment, perceptual impairments, speech and language disorders, and behavioral and emotional disabilities.

Credits: 3
On Occasion

**PSY 281 Forensic Psychology: The Law and Human Behavior**

This course covers psychological principles and practices applied to the legal system. Expert testimony, relevancy of mental illness, competencies, abuse and trauma are among the topics covered.

A pre or co requisite of PSY 101 or 102 is required.

Credits: 3
Every Spring

**PSY 282 Psychology in the Workplace**

This course examines the application of psychological principles, theory, and research to work settings. Topics covered usually include individual differences, personnel selection and placement, employee training and development, job analysis and performance measurement, attitudes and motivation in the workplace, fairness and equity, leadership styles, teamwork and effectiveness, and organizational theory and change. The principles taught are applicable in healthcare, education, industrial, and corporate settings.

Pre requisites: PSY 140 or 150
On Occasion

**PSY 283 Psychosomatic Bodily Protest**

This course is a study of physical disease as influenced by the emotions from historical, causative and research points of view.

Psychophysiologic disorders of every bodily system are studied including cancer, heart disease and obesity.

Pre requisites: PSY 101 or PSY 102
Credits: 3
Every Spring

**PSY 284 Behavioral Economics**

This course describes how the use of evidence from psychology can improve the predictive power of standard economic theories. Standard economic theories represent human beings in ways that are often different from how they really behave.

Evidence suggests that human behavior diverges often from standard notions of economic rationality in predictable ways. Predictions about individual behavior are more accurate and the policies of governments are more effective when this evidence is effectively used. This course is a non-technical introduction to the intersection of psychology and economics.

Same as ECO 23.
Credits: 3
On Occasion

**PSY 285 Behavioral Management**

This course offers students an opportunity to learn more about specific topics within social psychology. The course will cover in detail one aspect of social psychology, such as persuasion and attitude change, prejudice and stereotyping, social cognition, applications of social psychology. May not be taken more than once even if topic is different.

A pre or co requisite of PSY 140 and PSY 211 or Instructor Permission.
Credits: 3
Every Fall

**PSY 286 Issues in Applied Behavior Analysis**

This course is a study of physical disease as influenced by the emotions from historical, causative and research points of view. Psychophysiologic disorders of every bodily system are studied including cancer, heart disease and obesity.

Pre requisites: PSY 101 or PSY 102
Credits: 3
Every Spring

**PSY 301 Principles of Psychology - Honors Core**

This course is a survey of principles, concepts, and ideas from psychology. Topics will include research in psychology; biological bases of behavior; sensation and perception; learning; developmental psychology; social psychology. This course fulfills the Ethics, Self, and Society thematic cluster requirement in the core curriculum.

Not open to students who have taken Psychology 101 or 102.
Credits: 3
On Occasion

**PSY 310 Developmental Psychology I: Adulthood and Aging**

This course describes how the use of evidence from psychology can improve the predictive power of standard economic theories. Standard economic theories represent human beings in ways that are often different from how they really behave. Evidence suggests that human behavior diverges often from standard notions of economic rationality in predictable ways. Predictions about individual behavior are more accurate and the policies of governments are more effective when this evidence is effectively used. This course is a non-technical introduction to the intersection of psychology and economics.

Same as ECO 23.
Credits: 3
On Occasion

**PSY 311 Experimental Psychology II**

This course is an advanced treatment of research methods and content in the one area of psychology (e.g., neuropsychology, social psychology, behaviorism). The area of psychology will be advanced in advance. Practical experience in experimental design, execution, analysis of research, and the writing of research reports is included.

Pre requisite of C- or better in PSY 211.
Credits: 3
On Occasion

**PSY 322 Issues in Developmental Psychology**

The course usually begins with the fundamentals of nervous system structure and function, briefly covers techniques for assessment of drug effects, and then scrutinizes representative depressants, tranquilizers, antidepressants, and stimulants and concludes by examining the opiates, the hallucinogens, and marijuana.

The principles taught are applicable in healthcare, education, industrial, and corporate settings.

Pre requisites: PSY 140 or 150
On Occasion

**PSY 323 Psychosomatic Bodily Protest**

This course is a study of physical disease as influenced by the emotions from historical, causative and research points of view.

Psychophysiologic disorders of every bodily system are studied including cancer, heart disease and obesity.

Pre requisites: PSY 101 or PSY 102
Credits: 3
Every Spring

**PSY 324 Behavioral Economics**

This course describes how the use of evidence from psychology can improve the predictive power of standard economic theories. Standard economic theories represent human beings in ways that are often different from how they really behave.

Evidence suggests that human behavior diverges often from standard notions of economic rationality in predictable ways. Predictions about individual behavior are more accurate and the policies of governments are more effective when this evidence is effectively used. This course is a non-technical introduction to the intersection of psychology and economics.

Same as ECO 23.
Credits: 3
On Occasion

**PSY 325 Behavioral Management**

This course offers students an opportunity to learn more about specific topics within social psychology. The course will cover in detail one aspect of social psychology, such as persuasion and attitude change, prejudice and stereotyping, social cognition, applications of social psychology. May not be taken more than once even if topic is different.

A pre or co requisite of PSY 140 and PSY 211 or Instructor Permission.
Credits: 3
Every Fall

**PSY 340 Issues in Social Psychology**

This course is a study of physical disease as influenced by the emotions from historical, causative and research points of view. Psychophysiologic disorders of every bodily system are studied including cancer, heart disease and obesity.

Pre requisites: PSY 101 or PSY 102
Credits: 3
On Occasion

**PSY 350 Developmental Psychology II: Adulthood and Aging**

This course describes how the use of evidence from psychology can improve the predictive power of standard economic theories. Standard economic theories represent human beings in ways that are often different from how they really behave. Evidence suggests that human behavior diverges often from standard notions of economic rationality in predictable ways. Predictions about individual behavior are more accurate and the policies of governments are more effective when this evidence is effectively used. This course is a non-technical introduction to the intersection of psychology and economics.

Same as ECO 23.
Credits: 3
On Occasion

**PSY 360 Issues in Applied Behavior Analysis**

This course is an advanced treatment of research methods and content in the one area of psychology (e.g., neuropsychology, social psychology, behaviorism). The area of psychology will be advanced in advance. Practical experience in experimental design, execution, analysis of research, and the writing of research reports is included.

Pre requisite of C- or better in PSY 211.
Credits: 3
On Occasion

**PSY 370 Developmental Disabilities**

This course is a survey of the etiology and treatment of a wide range of developmental disabilities including autism, intellectual impairment, perceptual impairments, speech and language disorders, and behavioral and emotional disabilities.

Credits: 3
On Occasion

**PSY 381 Forensic Psychology: The Law and Human Behavior**

This course covers psychological principles and practices applied to the legal system. Expert testimony, relevancy of mental illness, competencies, abuse and trauma are among the topics covered.

A pre or co requisite of PSY 101 or 102 is required.

Credits: 3
Every Spring

**PSY 391 Experimental Psychology II**

This course is an advanced treatment of research methods and content in the one area of psychology (e.g., neuropsychology, social psychology, behaviorism). The area of psychology will be advanced in advance. Practical experience in experimental design, execution, analysis of research, and the writing of research reports is included.

Pre requisite of C- or better in PSY 211.
Credits: 3
On Occasion

**PSY 416 Experimental Psychology II**

This course is an advanced treatment of research methods and content in the one area of psychology (e.g., neuropsychology, social psychology, behaviorism). The area of psychology will be advanced in advance. Practical experience in experimental design, execution, analysis of research, and the writing of research reports is included.

Pre requisite of C- or better in PSY 211.
Credits: 3
On Occasion

**PSY 422 Issues in Developmental Psychology**

This course explores theory and research on development of the emerging adult, the young adult, the middle adult, and the late adult. Topics essential to the psychology of aging in each of these stages will be addressed, including physical development and health, memory and cognitive processes, identity, personality, and socioemotional development. In addition to addressing theory through textbook readings, this course focuses on reading and discussing current research in adulthood and aging.

A pre requisite of PSY 211 or instructor permission is required.
Credits: 3
Every Spring

**PSY 430 Differential Diagnosis of Central Nervous System Disorders**

This course will primarily focus on disorders of the central nervous system. It will introduce the student to the standard neurological approaches for diagnosing diseases associated with the brain and spinal cord. It will include some clinical disorders such as cancer (e.g., neoplasms, gliomas, meningiomas), myasthenia gravis, migraine, diseases of the spine and skull (e.g., cervical spondylitis, syringomyelia) and motor neuron diseases.

Prerequisite: PSY 130 or PSY 170 or PSY 230
Credits: 3
On Occasion

**PSY 440 Issues in Social Psychology**

This course offers students an opportunity to learn more about specific topics within social psychology. The course will cover in detail one aspect of social psychology, such as persuasion and attitude change, prejudice and stereotyping, social cognition, applications of social psychology. May not be taken more than once even if topic is different.

A pre or co requisite of PSY 140 and PSY 211 or Instructor Permission.
Credits: 3
Every Fall

**PSY 460 Issues in Applied Behavior Analysis**

This course will cover the symptoms of Autism Spectrum Disorder and address how Applied Behavior Analysis can be used to provide interventions for those with ASD.

A pre or co requisite of PSY 160 is required
Credits: 3
Every Fall
Social Work Courses

SWK 1 Introduction to Social Work and Social Welfare
This course teaches the values, knowledge and skills that inform the helping professions. Students learn the broad definition of improving the well being of people by meeting their unmet needs and advocating for social justice. Examples of community projects and presentations include activities such as combating hunger, reducing homelessness and educating about mental health. Open to all students.
Credits: 3  
Every Fall and Spring

SWK 18 Research Methods
This course provides an overview of the theoretical empirical research process as it informs social work practice. In the this writing intensive class, students will read and interpret quantitative and qualitative research studies, design ethically sound research, and learn to use research to guide and evaluate their professional practice. Prerequisite of Junior status or greater is required of Social Work plan of study. Open to all non-majors without prerequisite.
Credits: 3  
Every Spring

SWK 19 Statistics
This class discusses statistical procedures, research design, sampling techniques, descriptive and inferential statistics, and specifically frequency distributions, measures of central tendency, dispersion, correlations, regressions, test of significance and reliability. Prerequisite of HPA 18 or SWK 18 is required.
Credits: 3  
Every Fall

SWK 30 Interdisciplinary Helping Professions
This course teaches an introduction to relationship building as the conceptual and methodological framework for interdisciplinary collaborative care delivery. Students engage in dyadic and small group exercises that teach effective practice skills. Important course for health care professions including social work, speech therapy, physical therapy, nutrition, medicine and nursing.
Credits: 3  
Annually

SWK 50 Social Welfare Programs & Policies I
This course introduces students to policy practice and analysis through an exploration of the tradition of advocacy and social reform. Topics covered include historical and contemporary social welfare services, the political, economic, cultural and organizational systems influencing social policies, and social issues. Students study inequitable treatment of specific population groups and the social justice approach to meeting social needs. Prerequisite of SOC 1 is required for SWK majors only. Open to all other majors without prerequisite.
Credits: 3  
Every Spring

SWK 51 Social Welfare Programs & Policies II
SWK 51 teaches how social problems are defined and trigger social policy. Students analyze and design policies in terms of their responses to age, race, gender, culture and class issues of oppressed populations. Open to Juniors or Seniors.
Credits: 3  
Every Fall

SWK 60 Human Behavior in the Social Environment I
This course provides foundation knowledge of the theoretical perspectives informing individual behavior across the lifespan from conception through late childhood. Biological, psychological, social and spiritual factors that affect human growth and development are examined. Special topics covered include child abuse/neglect, oppression, marital conflicts, mental illness, developmental disabilities, addiction and deviant behaviors. Prerequisites of SOC 1, PSY 101, 102, (BIO 1 or BIO 101), SWK 1, and SWK 50 are required. SWK 1 and 50 can be taken as co-requisites if Junior transfer.
Credits: 3  
Every Fall

SWK 61 Human Behavior in the Social Environment II
This writing intensive course is the second in the human development sequence and teaches human behavior from adolescence through late adulthood. Developmental stages are studied in the context of social systems including families, groups, organizations and communities. Students examine specific social problems such as addiction, domestic violence, mental illness and diversity variables. Prerequisite of Junior status or greater is required.
Credits: 3  
Every Spring

SWK 70 Social Work Practice I
The first of a two-course sequence, this course is designed to provide students with the knowledge, skills and values essential for beginning generalist social work practice and entry into field placement. This course teaches generalist practice with individuals and organizations. Open to Juniors only
Prerequisite SWK 1 and SWK 50
Co-requisite SWK 79
Prerequisite of SWK 1 and 50 is required. If taken as a junior transfer can be taken as co-requisites. An additional co-requisite of SWK 79 is required.
Social Work majors only.
Credits: 3  
Every Fall

SWK 71 Social Work Practice II
The second of a two course sequence, this course teaches the helping process as identified in working with families, groups and communities. Students learn the generalist practice skills of engagement, assessment, and contracting. Prerequisite SWK 70
Co-requisite SWK 80
Prerequisite of SWK 70 and a co-requisite of SWK 80 is required
Credits: 3  
Every Spring

SWK 75 Diversity-Sensitive Social Work Practice
This course studies the impact of ethnicity, social class and minority status on generalist social work practice. Students learn the skills to make ethnicity-sensitive social work assessments and interventions. Emphasis is placed on understanding the complex problems that face diverse cultures and populations at risk for discrimination and oppression. Prerequisite SWK 71
Prerequisite of SWK 71 is required. Open to students with Senior status only.
Credits: 3  
Every Spring

SWK 79 Introduction to Field Instruction
This course provides an orientation for students to their field practicum. Class discussions include the role and responsibilities of student interns in field placements, the importance of supervision, the specific tasks and requirements of the field students, and navigating the learning experience as a student intern. Students are prepared for the challenges and opportunities that field experiences offer the social work student.
Social Work majors only
Open to Juniors only
Prerequisite of SWK 1 and 50 is required. If taken as a junior transfer can be taken as co-requisites. An additional co-requisite of SWK 70 is required.
Social Work majors only.
Credits: 1  
Every Fall and Spring

SWK 80 Field Instruction I
Students are placed in a social work-related field setting for a total of 100 hours during the Spring semester of their junior year. This course accompanies the field assignment and supports the student’s learning experience. Through journals, assignments and class discussions, students learn to problem solve situations at their agency and with their clients. Specific learning opportunities include understanding the agency mission, purpose and services; the supervisory process, diversity and ethical practices.
Open to Juniors only
Prerequisite of SWK 79 is required. Junior status or greater only.
Credits: 4  
Every Spring

SWK 90 Field Instruction II
Taken during the senior year (approximately 200
hours), this course (along with SWK 91 Field Instruction III) provides students with opportunities to test in the field setting the theories and principles learned in the classroom. Students are assigned to social work agencies or social work programs. Students receive on-site field supervision from a professional social worker and participate in individual and group faculty advisory seminars.

Prerequisite of SWK 80 is required.

Credits: 6

Every Fall

**SWK 91 Field Instruction III**

This course is taken along with the student's field placement requiring 200 hours at the field agency in the Spring semester. The class supports the field learning and covers the theories and principles of social work practice that are applied to field practice. Students learn through assignments, class discussions and journals how to maximize the learning opportunities in field placement.

Pre-requisite SWK 90

Prerequisite of SWK 90 is required.

Credits: 6

Every Spring
DEPARTMENT OF
DIAGNOSTIC HEALTH
PROFESSIONS

The Department of Health Sciences and Administration offers a broad range of academic programs both on the undergraduate and graduate levels with significant clinical and internship placements. Our programs pride themselves on our accreditation’s and community support which lead to excellent career opportunities in the health professions. We have a faculty which combines scholarship with distinguished professional experience. What makes us unique is our interdisciplinary approach to education. Our students are exposed to all of our disciplines which allows them to select the appropriate career path.

Once you visit us you will see quality and concern for our student's growth. The Department of Health Sciences and Administration is committed to both your excellence and your success. You are our first priority. Below you can read about each program and then come visit us.

The Bachelor of Science in Clinical Laboratory Science (CLS) is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). This program prepares competent and knowledgeable generalists dedicated to the highest standards of science and health care. The B.S. in CLS is a generalist program that integrates student laboratory-based didactic courses with the six-month clinical practicum taught at NAACLS-approved clinical affiliate laboratories. University-based courses are reinforced in the professional laboratory setting. Students who are competitively selected to become CLS interns at the clinical affiliate site:

1. Generalists rotate through the following laboratory areas at the clinical affiliate site:
   - Chemistry
   - Hematology
   - Immunohematology
   - Microbiology
   - Urinalysis
   - Clinical Immunology
   - Histology (optional)

2. Once students complete their course work at LIU Post and receive a Bachelors degree in Nutrition and Dietetics in four years. The Bachelor of Science in Nutrition and Dietetics program at the LIU Post is accredited by the ACEND.

B.S. Biomedical Sciences: Clinical Laboratory Science - Generalist

Clinical laboratory scientists are highly skilled laboratory professionals who are qualified to work in all areas of the clinical laboratory: hematology, microbiology, transfusion service, chemistry, immunology, and molecular diagnostics. They play a key role in the detection, diagnosis, and treatment of diseases and illnesses. Using sophisticated laboratory equipment, clinical laboratory scientists perform tests and analyze cells, blood, and other body fluids to detect abnormalities. They are a vital source of information to doctors who use the test results to determine a course of treatment for patients.

The 120-credit B.S. in Clinical Laboratory Science (CLS) - Generalist program accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), which is the national accrediting body for Clinical Laboratory Science (CLS) programs. This degree integrates a complex level of theoretical and technical instruction in simulated laboratories on campus. Selected students are then competitively placed into a clinical internship at top-ranked local hospitals. Students completing this generalist CLS program are eligible to take the ASCP (American Society of Clinical Pathologists) national certification examinations. Certification is necessary for employment nationwide and is required for licensure in New York State. CLS generalists rotate through the following laboratory areas at the clinical affiliate site:

<table>
<thead>
<tr>
<th>Area</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>3.00</td>
</tr>
<tr>
<td>Hematology</td>
<td>3.00</td>
</tr>
<tr>
<td>Immunohematology</td>
<td>3.00</td>
</tr>
<tr>
<td>Microbiology</td>
<td>3.00</td>
</tr>
<tr>
<td>Urinalysis</td>
<td>3.00</td>
</tr>
<tr>
<td>Clinical Immunology</td>
<td>3.00</td>
</tr>
<tr>
<td>Histology (optional)</td>
<td>1.00</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Biomedical Sciences: Clinical Laboratory Science - Generalist must satisfy all core curriculum requirements as follows:

<table>
<thead>
<tr>
<th>Clusters</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Writing II</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Reasoning (MTH 3 or 7)</td>
<td>3</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World (must take BIO 7)</td>
<td>4</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3</td>
</tr>
<tr>
<td>Ethics, Self &amp; Society</td>
<td>3</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3</td>
</tr>
</tbody>
</table>

For more information, contact the Office of Admissions at 516-299-2900 or e-mail post-enroll@liu.edu.

Required Core Biomedical Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 49</td>
<td>Laboratory Information Systems</td>
<td>1.00</td>
</tr>
<tr>
<td>BMS 80</td>
<td>Immunology</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 87</td>
<td>Clinical Immunology</td>
<td>3.00</td>
</tr>
<tr>
<td>BMS 90</td>
<td>Microbiology in Health Sciences</td>
<td>4.00</td>
</tr>
<tr>
<td>BMS 225</td>
<td>Histopathology of Body Systems</td>
<td>3.00</td>
</tr>
</tbody>
</table>

And one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 40</td>
<td>Computer Applications</td>
<td>3.00</td>
</tr>
<tr>
<td>HPA 20</td>
<td>Computer Applications</td>
<td>3.00</td>
</tr>
<tr>
<td>CLA 6</td>
<td>Computer Literacy</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Required Clinical Laboratory Sciences Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS 50</td>
<td>Clinical Chemistry I and Urinalysis</td>
<td>4.00</td>
</tr>
<tr>
<td>BMS 63</td>
<td>Introduction to Hematology/Phlebotomy</td>
<td>3.00</td>
</tr>
</tbody>
</table>
BMS 147  Management, Supervision, Teaching and Professionalism Seminar  2.00
BMS 150  Clinical Chemistry II & Instrumentation  4.00
BMS 161  Hematology and Body Fluids  3.00
BMS 162  Coagulation  2.00
BMS 185  Immunohematology  4.00
BMS 191  Clinical Bacteriology  3.00
BMS 194  Mycology and Parasitology  3.00
BMS 244  CLS Review Seminar  1.00

Choose one of the following:

FSC 256  Diagnostic Techniques in Molecular Pathology  4.00
BMS 656  Molecular Diagnostics  3.00

Acceptance into the clinical rotations is competitive and based on GPA and an interview conducted by the Program Director. Students who are not accepted into the clinical rotations have the option of repeating courses in the major and re-applying the following year or switching their major to the Biomedical Technology Program which does not lead to certification and licensure for CLS.

Required Senior Year Practicum Courses

BMS 259  Practicum in Clinical Chemistry  3.00
BMS 269  Practicum in Hematology and Coagulation  3.00
BMS 289  Practicum in Immunohematology  3.00
BMS 299  Practicum in Microbiology  3.00

Required Basic Science Courses

BIO 7  Human Anatomy and Physiology I  4.00
BIO 8  Human Anatomy and Physiology II  4.00
CHM 3  Principles of Chemistry I  4.00
CHM 4  Principles of Chemistry II  4.00
CHM 25  Basic Organic Chemistry  4.00
CHM 71  Basic Biochemistry  4.00

One of the following:

BIO 141  Biostatistics  3.00
ECO 72  Statistics  3.00
MTH 19  Basic Statistics  3.00

One of the following:

Note: CHM 3 has a pre-requisite of MTH 3 or a co-requisite of MTH 7.

Required Basic Science Courses

BIO 7  Human Anatomy and Physiology I  4.00
BIO 8  Human Anatomy and Physiology II  4.00
CHM 3  Principles of Chemistry I  4.00
CHM 4  Principles of Chemistry II  4.00
CHM 25  Basic Organic Chemistry  4.00
CHM 71  Basic Biochemistry  4.00

One of the following:

BIO 141  Biostatistics  3.00
ECO 72  Statistics  3.00
MTH 19  Basic Statistics  3.00

One of the following:

Note: CHM 3 has a pre-requisite of MTH 3 or a co-requisite of MTH 7.

MTH 3  College Algebra and Trigonometry  4.00
MTH 5  Linear Mathematics for Business and Social Science  3.00
MTH 6  Calculus for Business and Social Science  3.00
MTH 7  Calculus and Analytic Geometry I  4.00
MTH 8  Calculus and Analytic Geometry II  4.00
MTH 15  Mathematics for Elementary Education I  3.00
MTH 16  Mathematics for Elementary Education II  3.00

Credit Requirements

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 82
Minimum Major Credits: 63

B.S. Health Care Administration

The B.S. degree in Health Administration is designed to prepare students for a career in the organization and management of health services. Upon completion of the 120-credit degree program, graduates will be prepared to assume entry and mid-level positions in health care administration. Throughout study, students will acquire a keen understanding of the political, social, and economic components of the health services sector through courses that range from statistics to financial management. Special emphasis will be placed upon developing the students' ability to identify, comprehend, describe and differentiate among the major components of the health services system.

Potential work sites for graduates include large and complex health agencies, ambulatory services programs, regulatory agencies and insurance programs, management positions in nursing homes, group medical practices, and unit management within hospitals. Within the largest hospitals, positions would include assignments in central services, materials management, purchasing, security, admissions, and the business office.

B.S. Health Administration

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Health Care Administration must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

POST 101  1 credit
First-Year Seminar  3 credits
Writing I  3 credits
Writing II  3 credits
Quantitative Reasoning  3 credits
Scientific Inquiry & the Natural World  4 credits
Creativity, Media & the Arts  3 credits
Perspectives on World Cultures  3 credits
Self, Society & Ethics (must take PHI 13)  3 credits
Power, Institutions & Structures (must take ECO 10)  3 credits
Add'l course from one cluster  3-4 credits

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Health Care Administration Courses

All of the following:

HAD 10  American Health Systems  3.00
HAD 13  Legal Aspects of Health Care/Public Admin.  3.00
HAD 15  Health Resource Allocation in Health Care/Public Sector  3.00
HAD 18  Research Methods  3.00
HAD 19  Statistics for the Administrators  3.00
HAD 28  Strategic Planning and Program Evaluation  3.00
HAD 30  Critical Issues in Health/Public Admin.  3.00
HAD 32  Internship in Health and Public Administration  6.00
HAD 40  Organizational Leadership  3.00

*Students deciding to pursue the 5-year accelerated dual degree BS/MPA program must take the graduate level courses of the following required sequences listed in order to complete their Masters at the LIU Post campus.

Required Course List 1 - one of the following:

HAD 11  Management of Health Care Organizations  3.00
ADM 507  The Policy Process in Health Care and Public Administration  3.00

Required Course List 2 - one of the following:
MEDICAL IMAGING
PROGRAM

B.S. Radiologic Technology

The Bachelor of Science in Radiologic Technology is professionally accredited by the Joint Review Committee on Education in Radiologic technology (JRCERT). The program is designed to provide professional training for students aiming to become part of the health care team as a Radiologic Technologist. Upon successful completion of the degree you will be eligible to sit for the American Registry of Radiologic Technologist (ARRT) certification exam and New York State licensure. Once certified and licensed you can seek employment performing diagnostic x-rays, mammograms, Computer Tomography (CT) and Magnetic Resonance Imaging (MRI) scans. Technologists provide images of bones, tissues and organs to help radiologists and other physicians determine the best course of care for the patient.

The Radiologic Technology Program's curriculum provides a variety of learning environments and experiences. Students are introduced to material in didactic lecture courses, have hands - on instruction in the program's state of the art laboratories and apply what they've learned working with patients in the clinical setting. All faculty are available by appointment for extra help and tutoring.

The Radiologic Technology Program is one of the only in the country to have a laboratory with two live rooms, a simulation room, a mammography suite, as well as a surgical simulation room. The program's laboratory houses digital equipment, a portable machine for simulating portable radiography, a portable C-Arm fluoroscope for completing operating room simulations and a mammography unit for simulation of mammographic positioning using live models. The program's mammography, Computer Tomography (CT), and Magnetic Resonance Imaging (MRI) courses satisfy the Structured Learning requirement for advanced certification in those areas.

ADMISSION REQUIREMENTS
General Program Requirement

If you have ever been convicted of a felony or misdemeanor, or have been subjected to a sanction as a result of a violation of an academic honor code or suspended or dismissed by an educational program designed to meet ARRT certification requirements, you must check with the New York State Department of Health and the American Registry of Radiologic Technologists to verify that you satisfy the requirements for New York State Licensing and the National Registry.

A criminal conviction and/or the use of illegal drugs may impede or bar entry into your chosen field of study. You should be aware that clinical and hospital sites may reject a student, or remove a student from their site, if a criminal record is found or if a positive drug test is noted. Inability to gain clinical or field work will result in the inability to meet program 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.

Admissions and Application

Application to the Medical Imaging Program is a two-step process.

The first step is acceptance to LIU Post. You can apply for admission to LIU Post at https://apply.liu.edu/quickapp/. For more information on the application process, visit the Admissions Office home page.

The second step requires a formal application to the Bachelor of Science in Medical Imaging Program. Upon acceptance to LIU Post, interested students may obtain an application packet for the Medical Imaging Program by calling 516-299-2743.

The program's admission procedure includes a separate application form, letters of reference, a personal statement, an entrance examination and an interview with members of the Medical Imaging Admissions Committee. All applicants must complete and submit written documentation of six hours of observation in a hospital or office setting. The Medical Imaging Admissions Committee will make the final selections of candidates who are admitted into the program.

Students enter the professional portion of the program the August prior to beginning their junior year. Freshmen and transfer students desiring to enter the program must have completed 56 academic credits of liberal arts and sciences coursework to be eligible for entrance to the Medical Imaging Program. Students are advised to contact the program office starting in November prior to the fall semester in which they wish to enter.

Admission to the Medical Imaging Program is highly competitive. Students must have achieved a minimum grade point average (GPA) of 2.0 with a demonstrated interest in science and health and must complete one academic year of Anatomy and Physiology with lab, a basic math (1 semester of college algebra and trigonometry or higher), and a basic computer course prior to starting the program. LIU equivalency for BIO 7, BIO 8, MTH 3 and CLA 6.

Students in the Medical Imaging Program will take two Writing Across the Curriculum courses while in the program. Please plan accordingly to ensure completion of Writing Across the Curriculum requirements in a timely manner.

B.S. Radiologic Technology
Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Radiologic Technology must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1 credit</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing I</td>
<td>3 credits</td>
</tr>
<tr>
<td>Writing II</td>
<td>3 credits</td>
</tr>
<tr>
<td>Quantitative Reasoning (must take MTH 3)</td>
<td>3 credits</td>
</tr>
<tr>
<td>Scientific Inquiry &amp; the Natural World (must take BIO 7)</td>
<td>4 credits</td>
</tr>
<tr>
<td>Add'l course from one cluster (must take BIO 8)</td>
<td>4 credits</td>
</tr>
<tr>
<td>Creativity, Media &amp; the Arts</td>
<td>3 credits</td>
</tr>
<tr>
<td>Perspectives on World Cultures</td>
<td>3 credits</td>
</tr>
<tr>
<td>Ethics, Self &amp; Society</td>
<td>3 credits</td>
</tr>
<tr>
<td>Power, Institutions &amp; Structures</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Radiologic Technology Courses

*Must have grade of "C" or better in all major and co-related courses to fulfill requirement*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDT 100</td>
<td>Introduction to Medical Imaging 3.00</td>
</tr>
<tr>
<td>RDT 103</td>
<td>Methods Of Patient Care 3.00</td>
</tr>
<tr>
<td>RDT 103L</td>
<td>Venipuncture/Patient Care Lab 0.00</td>
</tr>
<tr>
<td>RDT 105</td>
<td>Principles Of Radiation Protection 3.00</td>
</tr>
<tr>
<td>RDT 116</td>
<td>Radiographic Pathology 3.00</td>
</tr>
<tr>
<td>RDT 118</td>
<td>Breast Imaging 1.00</td>
</tr>
<tr>
<td>RDT 120</td>
<td>Medical Language 3.00</td>
</tr>
<tr>
<td>RDT 121</td>
<td>Quality Assurance and Quality Control 2.00</td>
</tr>
<tr>
<td>RDT 125</td>
<td>Radiation Physics 3.00</td>
</tr>
<tr>
<td>RDT 128</td>
<td>Radiographic Cross Sectional Anatomy 3.00</td>
</tr>
<tr>
<td>RDT 144</td>
<td>Computed Tomography 3.00</td>
</tr>
<tr>
<td>RDT 145</td>
<td>Magnetic Resonance Imaging 3.00</td>
</tr>
<tr>
<td>RDT 147</td>
<td>Principles in Medical Imaging I 4.00</td>
</tr>
<tr>
<td>RDT 147L</td>
<td>Mathematical Recitation Laboratory 0.00</td>
</tr>
<tr>
<td>RDT 155</td>
<td>Medical Imaging Procedures I 4.00</td>
</tr>
<tr>
<td>RDT 155L</td>
<td>Medical Imaging Procedures I Laboratory 0.00</td>
</tr>
<tr>
<td>RDT 156</td>
<td>Medical Imaging Procedures II 4.00</td>
</tr>
<tr>
<td>RDT 156L</td>
<td>Medical Imaging Procedures II Laboratory 0.00</td>
</tr>
<tr>
<td>RDT 157</td>
<td>Medical Imaging Procedures III 4.00</td>
</tr>
<tr>
<td>RDT 170</td>
<td>Medical Imaging Capstone Seminar 3.00</td>
</tr>
<tr>
<td>RDT 180</td>
<td>Advanced Topics in Digital Imaging 3.00</td>
</tr>
<tr>
<td>RDT 200</td>
<td>Introduction to Clinical Practice 1.00</td>
</tr>
<tr>
<td>RDT 201</td>
<td>Medical Imaging Practicum I 1.00</td>
</tr>
<tr>
<td>RDT 202</td>
<td>Medical Imaging Practicum II 2.00</td>
</tr>
<tr>
<td>RDT 203</td>
<td>Medical Imaging Practicum III 3.00</td>
</tr>
<tr>
<td>RDT 204</td>
<td>Medical Imaging Practicum IV 3.00</td>
</tr>
<tr>
<td>HAD 11</td>
<td>Management of Healthcare Organizations 3.00</td>
</tr>
</tbody>
</table>

Required Prerequisite Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 7</td>
<td>Human Anatomy and Physiology I 4.00</td>
</tr>
<tr>
<td>BIO 8</td>
<td>Human Anatomy and Physiology II 4.00</td>
</tr>
<tr>
<td>MTH 3</td>
<td>College Algebra &amp; Trigonometry 3.00</td>
</tr>
<tr>
<td>HAD 11</td>
<td>Mgt of Health Care Org 3.00</td>
</tr>
</tbody>
</table>

Electives

Students should consult with the program director and academic advisor to determine the remaining number of elective credits* required to satisfy the degree plan and which courses are better suited to meet their professional or career plans.

Possible Recommended Electives:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSC 101</td>
<td>Introduction to Health Professions 3.00</td>
</tr>
<tr>
<td>BIO 103</td>
<td>General Biology I 4.00</td>
</tr>
<tr>
<td>BMS 211</td>
<td>Pathophysiology I 3.00</td>
</tr>
<tr>
<td>CHM 3</td>
<td>Principles of Chemistry I 4.00</td>
</tr>
<tr>
<td>CHM 4</td>
<td>Principles of Chemistry II 4.00</td>
</tr>
<tr>
<td>HPA 20</td>
<td>Computer-Based Management Systems 3.00</td>
</tr>
<tr>
<td>MTH 7</td>
<td>Calculus and Analytic Geometry I 4.00</td>
</tr>
<tr>
<td>MTH 8</td>
<td>Calculus and Analytic Geometry II 4.00</td>
</tr>
<tr>
<td>PHY 3</td>
<td>University Physics I 4.00</td>
</tr>
<tr>
<td>PHY 4</td>
<td>University Physics II 4.00</td>
</tr>
<tr>
<td>SOC 20</td>
<td>Sociology of Aging 3.00</td>
</tr>
<tr>
<td>SOC 21</td>
<td>Sociology of Health &amp; Illness 3.00</td>
</tr>
<tr>
<td>SOC 72</td>
<td>People in Crisis 3.00</td>
</tr>
</tbody>
</table>

*Students in the Medical Imaging program typically need a minimum of 2 elective credits*

Credit Requirements

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 60
Minimum Major Credits: 61
Minimum Overall GPA: 2.0
Minimum Major GPA: 2.0

B.S. Nutrition and Dietetics

The Bachelor of Science degree in Nutrition and Dietetics prepares graduates for rewarding careers as nutritionists, dietitians, wellness experts, food service managers, and community counselors. The four-year, 120-credit program provides students with a basic liberal arts and strong science education, and the knowledge required to understand nutrition. Students take courses in biology, chemistry, and statistics and master such subjects as normal nutrition, medical nutrition therapy, community nutrition, institutional food service management, cultural and social aspects of food, energy, and exercise, and food technology. The program also prepares students to apply their knowledge of nutrition to promote healthy eating and lifestyle choices among individuals and groups as well as those with special nutritional needs. The goal of the program is to develop a graduate who meets the foundation knowledge and skills required by the Accreditation Council for Education in Nutrition and Dietetics (ACEND).

The B.S. degree includes the Didactic Program in Dietetics (DPD). ACEND of the Academy of Nutrition and Dietetics (120 South Riverside Plaza, Suite 2190, Chicago, IL 60606-6995) has accredited the DPD. Upon successful completion of the program, students are eligible to apply to an accredited supervised practice program (the Dietetic Internship (DI)) or to obtain an entry-level position that does not require the Registered Dietitian Nutritionist (RDN) credential. Students must complete both the B.S. degree and an ACEND-accredited DI to be eligible to sit for the national examination for the RDN credential.

The undergraduate nutrition program at LIU Post meets the academic requirements to be a Certified Dietitian/Nutritionist (CDN) in New
York State. Successful completion of a DI and the RDN examination qualifies individuals to be a New York State CDN.

Upon completion of the B.S. degree and the DPD, graduates are also eligible to write the Registration Examination for Dietetic Technicians. For information about this examination, visit the CDR website: www.cdrnet.org/programdirector/info.html.

To earn a verification statement a student must maintain a cumulative GPA of 3.0 and a major GPA of 3.3. Students who receive a grade of “B-” or below in a required NTR (nutrition) course may need to repeat the course and receive a grade of “B” or better unless their major GPA exceeds minimum requirements. Upon completion of the B.S. in Nutrition and Dietetics, an accredited Dietetic Internship and completion of a Masters Degree is required before a student is eligible to sit for the RDN examination.

**Admission Requirements**

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT score of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above. High school chemistry and biological science courses are strongly recommended.

- **Transfer students** must have completed more than 24 college credits. A minimum college Grade Point Average (GPA) of 3.0 is required for application review. If students have completed fewer than 4 college credits, they must also submit high school transcripts and SAT/ACT scores. Students who have a baccalaureate degree in another field may obtain a second undergraduate degree, the B.S. in Nutrition and Dietetics. Applicants who have completed a previous baccalaureate degree with a GPA of at least 3.0.

- **DPD students** are required to acknowledge the following terms and conditions to earn a verification statement, and therefore are eligible for ACEND accredited programs:
  - By the time of graduation, the student must obtain an overall GPA of 3.0 and a major (NTR) GPA of 3.3
  - Courses may be repeated until the NTR GPA is at least 3.3; however, NTR courses may only be repeated once

**B.S. in Nutrition and Dietetics**

(Program Code: 86047) {1299.0}

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.S. Nutrition and Dietetics must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
</tbody>
</table>

| First-Year Seminar          | 3 credits |
| Writing I                   | 3 credits |
| Writing II                  | 3 credits |
| Quantitative Reasoning (MTH 3 3 credits or MTH 7) | |
| Scientific Inquiry & the Natural World (satisfied by PSY 101) | 4 credits |
| Creativity, Media & the Arts | 3 credits |
| Perspectives on World Cultures | 3 credits |
| Ethics, Self & Society (satisfied by PSY 101) | 3 credits |
| Power, Institutions & Structures | 3 credits |
| Additional course from one 4-credit cluster (satisfied by BIO 8) | |

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

**Major Requirements**

**Required Courses 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 16</td>
<td>2.00</td>
</tr>
<tr>
<td>NTR 16L</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 21</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 21L</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 23</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 24</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 100</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 101</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 103</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 200</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 206</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 210</td>
<td>2.00</td>
</tr>
<tr>
<td>NTR 211</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 212</td>
<td>3.00</td>
</tr>
<tr>
<td>NTR 212L</td>
<td>1.00</td>
</tr>
<tr>
<td>NTR 215</td>
<td>3.00</td>
</tr>
</tbody>
</table>

| NTR 221   | Food in Contemporary Society | 3.00 |

**Required Courses 2**

One of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTR 202</td>
<td>Research Methodology</td>
</tr>
<tr>
<td>NTR 385</td>
<td>Honors Tutorial</td>
</tr>
<tr>
<td>NTR 386</td>
<td>Honors Tutorial</td>
</tr>
</tbody>
</table>

**Co-Related Courses**

**Co-Related List 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 7</td>
<td>Human Anatomy and Physiology I</td>
</tr>
<tr>
<td>BIO 8</td>
<td>Human Anatomy and Physiology II</td>
</tr>
<tr>
<td>BMS 90</td>
<td>Microbiology in Health Sciences</td>
</tr>
<tr>
<td>CHM 3</td>
<td>Principles of Chemistry I</td>
</tr>
<tr>
<td>CHM 4</td>
<td>Principles of Chemistry II</td>
</tr>
<tr>
<td>CHM 25</td>
<td>Basic Organic Chemistry</td>
</tr>
<tr>
<td>CHM 71</td>
<td>Basic Biochemistry</td>
</tr>
<tr>
<td>PSY 101</td>
<td>General Psychology</td>
</tr>
</tbody>
</table>

**Co-Related List 2**

One of the following:

Note: CHM 3 has a pre-requisite of MTH 3 or a co-requisite of MTH 7.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 3</td>
<td>College Algebra and Trigonometry</td>
</tr>
<tr>
<td>MTH 7</td>
<td>Calculus and Analytic Geometry I</td>
</tr>
</tbody>
</table>

**Co-Related List 3**

One of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 141</td>
<td>Biostatistics</td>
</tr>
<tr>
<td>ECO 72</td>
<td>Statistics</td>
</tr>
<tr>
<td>MTH 19</td>
<td>Basic Statistics</td>
</tr>
<tr>
<td>MTH 41</td>
<td>Biostatistics</td>
</tr>
</tbody>
</table>

**Credit and GPA Requirements**

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 60
Minimum Major Credits: 42
Minimum Overall GPA: 3.0
Minimum Major GPA: 3.3
ACCELERATED SHARED CREDIT PROGRAMS

B.S. Health Care Administration and M.H.A. Health Administration

The Department of Health Care and Public Administration offers an accelerated shared credit program that enables qualified students to complete requirements for both a Bachelor of Science in Health Care Administration and a Master of Health Administration in Health Administration in an accelerated time frame. This 150-credit program allows the student to obtain both degrees in five years.

Successful completion of undergraduate and graduate work will qualify you for a career in the organization and management of health services. Graduates are employed as supervisors and managers in hospitals, health care agencies, nursing homes, group medical practices, regulatory agencies, county health departments, ambulatory services and insurance companies.

The program is multidisciplinary and explores the sociological, political and economic issues of health care and public administration.

Undergraduate courses include the “American Health System,” “Legal Aspects of Health and Public Administration” and “American National Government.” Graduate classes focus on “Statistics for the Administrator,” “Medical Ethics,” and “Foundations of Budgeting and Finance in Health Administration.”

Students participate in internships at health service organizations, such as hospitals, nursing homes and government agencies. The internship is an extremely valuable means to acquire administrative experience and to establish connections in the job market.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 GPA) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 19 or above.
- **Transfer students:** Completion of 60-64 credits with a minimum GPA of 3.0. If a student does not possess the necessary 3.0 GPA, the admission committee may employ other criteria to ensure qualification; e.g., S.A.T. scores, letters of recommendation, samples of prior work, etc.
- The five-year program will reflect the standard B.S. in Health Care Administration Plan of Study for the first three years, with the appropriate changes in the last two years of study. Consult with the academic advisor to complete an appropriate plan of study.
- Undergraduate financial assistance does not apply to the graduate portion of this program.

B.S. Health Care Administration and M.H.A. Health Administration

[Program Codes: 83493 and 79014]

[HEGIS: 1202.0 and 1202.0]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the accelerated shared credit B.S. Health Care Administration and M.H.A. Health Administration must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum

(32-33 credits)

| POST 101 | 1 credit |
| First-Year Seminar | 3 credits |
| Writing I | 3 credits |
| Writing II | 3 credits |
| Quantitative Reasoning (MTH 1,3,5,6,7,8,15 or 16) | 3 credits |
| Scientific Inquiry & the Natural World | 4 credits |
| Creativity, Media & the Arts | 3 credits |
| Perspectives on World Cultures | 3 credits |
| Ethics, Self & Society (must take PHI 13) | 3 credits |
| Power, Institutions & Structures (must take ECO 10) | 3 credits |
| Add'l course from one cluster (must take ECO 11) | 3-4 credits |

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Undergraduate Health Care Administration Courses

| HAD 10 | American Health Systems 3.00 |
| HPA 13 | Legal Aspects of Health Care/Public Administration 3.00 |
| HPA 18 | Research Methods 3.00 |
| HPA 19 | Statistics for the Administrators 3.00 |
| HPA 22 | Personnel Administration in Health Care/Public Sectors 3.00 |
| HPA 28 | Strategic Planning and Program Evaluation 3.00 |
| HPA 30 | Critical Issues in Health/Public Administration 3.00 |
| HPA 32 | Internship in Health and Public Administration 6.00 |

| HPA 40 | Organizational Leadership 3.00 |

Required Co-Related Courses

| ECO 10 | Introduction to Microeconomics 3.00 |
| ECO 11 | Introduction to Macroeconomics 3.00 |
| PHI 13 | Ethics and Society 3.00 |
| POL 2 | Introduction to American Politics 3.00 |

One of the following:

| HPA 11 | Careers in Public and Social Service 3.00 |
| PHI 19 | Biomedical Ethics 3.00 |

Required Senior Year Graduate Health Administration Courses

| HAD 603 | Foundations of Budgeting and Finance in the Health Sector 3.00 |
| MPA 503 | Economic Environment and the Public Sector 3.00 |
| MPA 506 | Performance Management and Information Systems in the Public Sector 3.00 |
| MPA 507 | The Policy Process in Health Care and Public Administration 3.00 |

Free Electives

Courses that are not being used to satisfy major or core requirements.

Credit and GPA Requirements

Minimum Total Credits (for freshmen): 150
Minimum Total Undergraduate Credits: 120
Minimum Graduate Credits: 36
Minimum Undergraduate Liberal Arts Credits: 60
Minimum Undergraduate Major GPA: 3.00
Minimum Undergraduate Cumulative GPA: 3.00
Minimum Graduate GPA: 3.00
Biomedical Science Courses

**BMS 49 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 online Internet services is also presented. Students identify criteria to be considered to evaluate the success of LIS systems, quality management and their competency. Prerequisite of BMS 40 or CLA 6 is required. Credits: 1 Every Spring

**BMS 50 Clinical Chemistry I and Urinalysis**
This course introduces students to safety principles, quality control and laboratory math and the analysis, quantitation, physiologic and pathologic assessment of the serum and urine specimen. Emphasis is based on the clinical correlations and analytical procedures commonly performed on serum to determine the quantity of carbohydrates, lipids, proteins, enzymes, and non-protein nitrogen substances and to assess cardiac, liver, renal, pancreatic and gastrointestinal function. Analysis of the physical, chemical and microscopic examination of urine (urinalysis) is also presented along with the disease processes that hinder kidney function. Prerequisite of CHM 21 or 25 is required. Credits: 4 Every Spring

**BMS 51 Pharmacology**
The study of drugs or poisons and their effect to correct abnormal body function is presented. Emphasis is placed on the use of drugs to therapeutically treat disease and the consequence or expectation of body changes possible with their continued use. The Pharmacokinetics, Pharmacology and Pharmacodynamics of drugs, in common use to treat disorders, is also discussed. Prerequisite of CHM 22 or 71 is required. Credits: 3 Every Spring

**BMS 63 Introduction to Hematology/Phlebotomy**
This course is an introduction to the methodologies, instrumentation and OSHA regulations within a clinical hematology lab. Collection and preservation of blood specimens, description of all formed cellular elements, analysis of blood smears and classification of hematological disorders, such as the anemias and leukemias are discussed. The clinical significance of sedimentation rates and reticulocyte counts and proper phlebotomy techniques and theory are also identified. Safety regulations for blood collection, universal precautions and patient preparation ethics, confidentiality and patient rights are addressed. Practice and competency in phlebotomy is required for course completion. Prerequisite of BIO 8 is required. Credits: 3 Every Fall and Spring

**BMS 80 Immunology**
This course is an introduction to Immunology and Immunochemistry. The structures, reaction and biological effects among antigens, antibodies and complement in the body (in vivo) and in vitro are discussed. Cells of the immune and inflammatory responses, their structure, functions and inter-relationships in normal individuals and in disease states are also presented. Prerequisite of BIO 8 or BIO 104 is required. Credits: 3 Every Fall

**BMS 87 Clinical Immunology**
In addition to reviewing the cells and tissues of the immune system, specific and non-specific mechanisms of the immune response, the major histo-compatibility complex, hypersensitivities and tumor surveillance of the immune system, this course emphasizes immunologic techniques in the serologic identification of antigens and antibodies. Emphasis is made on measurement of the immune product or reaction which can yield significant information in the clinical differential diagnosis or monitoring the progress of a disorder/disease. Prerequisite of BMS 80 is required. Credits: 3 Every Spring

**BMS 90 Microbiology in Health Sciences**
This course is required for all medical biology majors and health related majors including those students seeking graduate study in the biological sciences and those seeking admission into professional schools. The course introduces the principles of clinical microbiology and characteristics of microorganisms, host-parasite relationships, resistance, immunity, hypersensitivity, public health, epidemiology as well as applied, medical and industrial microbiology; includes clinical diagnostic methods such as culture, control, identification, sterilization, microbiological techniques and concepts; emphasizes those techniques specifically employed in the clinical microbiological laboratory. Credits: 4 Every Fall and Spring

**BMS 97 Virology**
Viral structure, mode of infection of human cells, replication and classification are discussed. The DNA and RNA viruses associated with human diseases as well as the resultant clinical syndromes; diagnostic procedures used to collect and detect viral antigens in clinical specimens; viral serology; viral culture and storage are also presented. Credits: 3 Every Fall

**BMS 98 Undergraduate Research**
Junior and seniors can undertake an independent research project under the direction of a faculty member in the area of the student's principles interest. Permission of the Department is required to register for this course. Credits: 2 On Demand

**BMS 99 Independent Study**
Junior and seniors can undertake this independent study under the direction of a faculty member in the area of the student’s principles interest. Permission of the Department is required to register for this course. Credits: 2 On Demand

**BMS 147 Management, Supervision, Teaching Seminar**
This Management, Supervision and Teaching 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 about 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: Educational Methodology. This course is typically taught off campus at a hospital affiliate. Credits: 2 Every Spring

**BMS 150 Clinical Chemistry II & Instrumentation**
This Clinical Chemistry course presents topics addressing endocrinology, electrolyte and acid/base balance, porphyrins, vitamins and nutrition status, therapeutic drug monitoring, toxicology and identification of tumor markers. The clinical correlations, analytical methods commonly performed on serum or urine are discussed with an emphasis on evaluating the patient's health care status. The principles of operating instrumentation used in clinical chemistry laboratories including point of care testing devices are also presented. Prerequisite of BMS 50 is required. Credits: 4 Every Fall

**BMS 161 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, amniotic fluids and seminal fluid in terms of normal and abnormal findings, methods of collection and assessment. Prequisite of BMS 63 is required.

Credits: 3
Every Fall

BMS 162 Coagulation

The mechanism of Blood Coagulation/Hemostasis is discussed including evaluation of bleeding disorders and thrombosis. Case studies identify the diagnostic evaluation of normal and disease states. Prequisite of BMS 63 is required.

Credits: 2
Every Fall

BMS 185 Immunohematology

Theoretical aspects of immunohematology (blood banking) with emphasis on laboratory techniques used in blood banking are presented. Students completing this course perform techniques in actual use in the characterization of blood in hospital blood banks. Prequisite of BMS 87 is required.

Credits: 4
Every Fall

BMS 191 Clinical Bacteriology

The study of the bacteria that are medically important to humans with emphasis on identification of clinically significant pathogens distinguished from members of the normal flora are described. Methods of isolation, identification and characterization of bacteria are integral components of this course. Prequisites of BMS 90 and BMS 97 are required.

Credits: 3
Every Fall

BMS 194 Mycology and Parasitology

This course introduces the student to the science of Mycology and Parasitology. It addresses the pathogenesis, clinical manifestations and laboratory diagnosis of medically important fungi and parasites. Emphasis is given to the differential characteristics in the identification and clinical diagnosis of mycotic and parasitic diseases. The laboratory component of this course introduces students to various diagnostic techniques used to identify these eukaryotic organisms. Prequisite of BMS 90 is required.

Credits: 3
Every Spring

BMS 211 Pathophysiology

The changes in the human body that may be biological, physical, chemical or anatomical which induce disease or an abnormal process are discussed. The etiology and pathogenesis of altered body systems is emphasized. How change can significantly reduce normal function of body systems is also identified.

Credits: 3
Every Fall and Spring

BMS 212 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. Prequisite of BMS 211 (previously BMS 20) is required.

Credits: 3
Every Spring

BMS 225 Histopathology of Body Systems

The student comprehends the magnitude of changes that occur in diseased cells and tissues of the human body that are diseased. Emphasis is on major changes observed in tissues undergoing pathologic processes such as: Inflammation, degeneration, 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. Prequisites of BIO 7 & 8 are required.

Credits: 3
Every Fall

BMS 234 Research Seminar (Weeks 1-52)

This 3-credit course will allow students to understand the different steps of scientific method, read and analyze scientific literature in Biomedical Sciences, build critical thinking skills and design a testable research proposal

This course is considered an elective for HS/CLS students

Credits: 3
Every Spring

BMS 244 CLS Review Seminar

This course is designed to provide senior CLS students with the appropriate experiences in answering ASCP and NCA certification examination questions and in case study analysis. Review questions in the major categories of hematology, chemistry, immunology, immunohematology (blood bank), and microbiology are addressed. The seminar culminates in a mock exam which contributes to the determination of the final grade for the course. This course extends into the summer session.

Credits: 1
Every Spring

BMS 248 Undergraduate Research Project

This course serves as the culminating experience for students in the Biomedical Technology degree program. Students select a mentor to pursue a hands-on laboratory research project which investigates a Biomedical problem or question.

They are then expected to analyze the data obtained and submit to the department and the mentor a written copy of the research project in a format consistent with that of a scientific publication/thesis. Department consent is required to register for this course.

Credits: 4
Every Spring

BMS 259 Practicum in Clinical Chemistry

The student works at the laboratory bench in clinical chemistry under the direct supervision of a certified clinical laboratory scientist and receives review of routine and specialized procedures. The assessment of results obtained from clinical specimens and their diagnostic significance regarding the patient/client health status is determined. Maintenance and operation of relevant instrumentation in chemistry is also addressed. (This course is eight hours/day, five days/week for six weeks=240 hrs. total practicum time).

Credits: 3
Every Spring

BMS 269 Practicum in Hematology and Coagulation

The student works at the laboratory bench in Hematology and Coagulation under the direct supervision of a certified clinical laboratory scientist and receives review of routine and specialized procedures. This course also reviews a routine urinalysis, other body fluid analyses, automated instrumentation in hematology and phlebotomy techniques. (This course is eight hours/day, five days/week for six weeks=240 hrs. total practicum time).

Credits: 3
Every Spring

BMS 289 Practicum in Immunohematology

The student works at the laboratory bench in Immunohematology (Blood Banking) under the direct supervision of a certified clinical laboratory scientist and receives review of blood banking techniques/ procedures and serologic methods used for clinical diagnosis of principle disorders. This course also reviews routine instrumentation use and its standardization in performing blood banking methods. (This course is eight hours/day, five days/week for six weeks=240 hrs. total practicum time).

Credits: 3
Every Spring

BMS 299 Practicum in Microbiology

The student works at the laboratory bench in Microbiology under the direct supervision of a certified clinical laboratory scientist and receives review of clinical bacteriology, clinical virology, mycology and parasitology techniques/ procedures used for the clinical specimen isolation, cultivation and identification for diagnosis of disease. Utilization of equipment and instrumentation used in Microbiology is also presented. (This course is eight hours/day, five days/week for six weeks=240
Health Care and Public Administration Courses

**HAD 10 American Health Systems**
Survey of the American health care system that examines the elements related to the organization, delivery, financing and planning of health services.
 Credits: 3  
Every Spring

**HAD 11 Management of Health Care Organizations**
A study of the development of health planning as it is affected by political, social and economic factors. Special attention is devoted to the theories, applications, issues, and controversies in health planning as well as the work environment of the health planner.
 Credits: 3  
Every Fall and Spring

**HPA 11 Careers in Public and Social Service**
This course will focus on the different career opportunities within the public service field. Special attention will be devoted to explore different sectors of public service such as federal government, state and local government and health care. Students will learn resume writing, interviewing skills and how to network and job search.
 Credits: 3  
Annually

**HPA 12 Citizenship and the Community**
An analysis of citizen participation in governmental and non-governmental community activities including levels of government, political activity and not for profit organizations.
 Credits: 3  
Annually

**HPA 13 Legal Aspects of Health Care/Public Administration**
The course considers the importance of law and regulations in the administrative process with an emphasis on general introduction to law, the legal environment of public and health organizations and the impact of the law upon administrative decision making. Freedom of information and right to privacy issues are also examined. An attempt is made to acquaint the student with critical legal issues that are faced by managers.
 Prerequisite of HAD 10 is required for all students except for Health Information Management & Social Work majors.
 Credits: 3  
Annually

**HPA 14 Financial Management in the Health Care/Public Administration**
A survey of the principles and practices of financial management theory and its applications to health care and public administration. The course will focus on budgeting and cost control, cost reimbursement, taxation and revenue, cost incentive programs and financial analysis specific to the health care and public sectors.
 Prerequisite of HAD 10 is required for all students except for Health Information Management & Social Work majors.
 Credits: 3  
Annually

**HPA 15 Health Resource Allocation in Health Care/Public Sectors**
This course focuses on the application of special problems involving health and public resources, allocation, markets, personnel shortages, as well as issues relating to the equity and stabilization of the public/health sector.
 Prerequisite of HAD 10 is required.
 Credits: 3  
Annually

**HPA 16 Research Methods**
An overview of the scientific method as it applies to research in fields of health care and public administration. Special attention will be devoted to examining issues related to cost effectiveness and alternatives.
 Prerequisite of HAD 10 is required.
 Credits: 3  
Every Semester

**HPA 18 Research Methods**
An overview of the scientific method as it applies to research in fields of health care and public administration. Special attention will be devoted to examining issues related to cost effectiveness and alternatives.
 Prerequisite of HAD 10 is required.
 Credits: 3  
Every Semester

**HPA 19 Statistics for the Administrators**
Statistical procedures, research design, sampling techniques, descriptive statistics, frequency distributions, measures of central tendency, dispersion, correlation, regression, tests of significance and reliability are all discussed as they apply to the specific needs of the health and public administrator.
 Prerequisite of HAD 10 is required.  
 Prerequisite of HPA 18 or SWK 18 is required.
 Credits: 3  
Annually

**HPA 20 Computer-Based Management Systems**
This course is a comprehensive review of computer concepts and usage in health and public sectors. It covers the types of computers which are appropriate and the storage devices needed. Students learn to create programs, and to evaluate packaged software for its applicability to their department's needs. The course involves extensive "hands-on" computer use.
 Prerequisite of HAD 10 is required for all students except for Health Science, Health Information Management & Social Work majors.
 Credits: 3  
Every Semester

**HPA 21 Personnel Administration in Health Care/Public Sectors**
An introduction to the personnel function in the health care and public sector. Special emphasis will be placed upon recruitment, placement, performance, assessment, labor relations and employee services.
 Prerequisite of HAD 10 is required.
 Credits: 3  
Annually

**HPA 28 Strategic Planning and Program Evaluation**
To prepare a student to develop a strategic plan for the implementation and evaluation of an administrative policy and program.
 Prerequisite of HAD 10 is required.
 Credits: 3  
Every Fall and Spring

**HPA 30 Critical Issues in Health/Public Administration**
Multidisciplinary seminar focusing on sociological, political and economic issues of health care and public administration. Selected issues will be determined by recent developments in the organization and delivery of health care and public services.
 Prerequisite of HAD 10 is required.
 Credits: 3  
On Occasion

**HPA 32 Internship in Health and Public Administration**
Placement within a public or health agency to provide students with administrative experience in the operations of such facilities.
 Prerequisite of HAD 10, permission of advisor & faculty are required.
 Credits: 6  
Annually

**HPA 34 Administrative Law**
This course will present fundamental concepts of administrative law and procedure in governmental agencies with an emphasis on the health care or public manager's role in the administrative process. It will examine the positions that agencies occupy in our constitutional system of government by detailing the respective roles of the legislative, executive and judicial branches of government. Topics include: the structure and operation of federal, state and local administrative agencies; rule-making and adjudication; agency investigations and agency sanctions. Agencies to be detailed include but are not limited to: Department of Health and Human Services, Food and Drug Administration, Office of Inspector General and Department of Health.
 Credits: 3  
Annually

**HPA 35 Vulnerable Populations in the U.S.A.**
The purpose of this course is to introduce students to groups defined by the U.S. government as Vulnerable Populations, otherwise known as populations with special health needs. The unique challenges accessing healthcare will be reviewed along with other socio-cultural, economic and
political issues impacting these individuals. Students will learn to apply an analytical perspective as they review the individual, familial, health, environmental, social and governmental factors affecting the experience of these individuals with the U.S. health care delivery system.

Credits: 3

Annually

NPM 12 Nonprofit Leadership and Management
The study of management principles and practice for nonprofit organizations. Consideration is given to leadership in a nonprofit environment, the motivation of staff and volunteers, the role of the founder and the board, and types and structures of nonprofit organizations.

Credits: 3

Alternate Years

NPM 13 Budgeting and Finance in the Nonprofit Sector
This course is designed to provide the skills and knowledge to plan an organizational budget, to implement best practices in financial policies and procedures, to interpret financial statements, to make financial decisions, and to comply with the legal reporting requirements.

Credits: 3

Alternate Years

NPM 14 Communications in Nonprofits
An examination of theory and practice in written and oral communication as applied to the nonprofit sector and its unique challenges with communicating with various constituencies.

Credits: 3

Alternate Years

Nutrition Courses

NTR 10 Nutrition
In this course, students learn about the role of nutrition in improving health and applying these ideas to developing healthy eating patterns. They will understand how food choices and physical activity contribute to total well-being. Open to Non-Majors only.

Credits: 3

Every Fall and Spring

NTR 16 Cultural & Social Aspects of Food
Students will explore the many factors that mold personal food preferences and food choices. The influences that culture, religion, celebration, geography and economics have on food intake patterns around the world will be revealed and discussed. Fundamental to this course is an emphasis on understanding and acceptance of various cultural factors that drive personal food behaviors.

Corequisite of NTR 16L is required.

Credits: 2

Every Spring

NTR 16L Cultural & Social Aspects of Food Laboratory
Students will prepare traditional dishes from different cuisines around the world. The foods lab experience will include food tastings and discussions about ingredients used to create region-specific dishes.

Corequisite of NTR 16 is required

Credits: 1

Every Spring

NTR 21 Introductory Food Science
A fundamental course about foods that concentrates on the chemical and physical properties affecting the handling, preparation and storage of food. Also includes the effect of microorganisms on the storage, preparation, preservation, processing and serving of food.

Corequisite NTR 21L is required.

Credits: 3

Every Fall

NTR 21L Introductory Food Science Laboratory
NTR 21L is a laboratory course that accompanies the lecture course NTR 21. Lab exercises are completed in which students prepare foods and observe the chemical and physical properties that affect the product. Students gain experience in fundamental food preparation and critique foods using learned evaluation techniques.

Corequisite of NTR 21 is required

Credits: 1

Every Fall

NTR 23 Introduction to Food Hospitality
An introduction to the administrative aspects of food service institutions. It covers the basic management principles required to operate any type of food service. In addition to management principles and systems theory, it tracks food service from the conception of the menu to the service of the meal. Included in the semester is the food safety training and certification program 'ServSafe'. Upon successful completion of this module, students receive the ServSafe Food Protection Manager Certification.

Prerequisite of NTR 23 is required

Credits: 3

Every Fall

NTR 24 Food Hospitality Management
The principles of food service management including organizational design, leadership qualities, personnel management, financial considerations, and kitchen design are addressed. Food trips and guest speakers are included to acquaint the student with various types of food service facilities and management styles.

Prerequisite of NTR 23 is required.

Credits: 3

Every Spring

NTR 99 Independent Study
This is an independent study course that is designed for undergraduate students who require one or two credits in a selected area of nutrition. Enrollment in this course will be subject to the review and approval of the faculty member and the department chair.

Credits: 1 to 3
NTR 100 Concepts in Nutrition
An in-depth view of the six nutrients required for normal healthy metabolism. Emphasis will be placed on nutrient interaction in digestion, absorption, transport, and metabolism. Pre-requisite of BIO 8 and corequisite of CHM 3 are required.
Credits: 3
Every Fall

NTR 101 Contemporary Nutrition Strategies
The selection of an adequate diet using knowledge of a variety of dietary standards. These standards as well as nutrient needs will be incorporated into the planning of diets during the life cycle for pregnant women, infants, children, adolescents, the middle-aged and the elderly. A prerequisite of NTR 100 is required.
Credits: 3
Every Spring

NTR 102 Nutrition in Health and Disease
This 3-credit course (45 contact hours) is a required course in the Nutrition, Health and Wellness and 'Nutrition and Food Hospitality' concentrations. It examines nutrition screening and assessment techniques to understand the use of dietary, biochemical, and anthropometric data related to health and disease prevention. The pathophysiology, etiology, and prevention of certain medical conditions such as gastrointestinal disorders, diabetes mellitus, obesity, and cardiovascular disease will be examined. Other topics examined will include drug nutrient/supplement interactions, complementary and alternative (CAM) therapies, and nutrigenomics. A prerequisite of NTR 101 is required.
Credits: 3
On Demand

NTR 103 Introduction to Nutrition and Dietetics
This 1-credit course (15 contact hours) provides an overview of the profession of nutrition and dietetics, including standards of practice, standards of professional performance, code of ethics, educational and career opportunities, professional credentialing and dietetic internship application process. A review of the history, current practices and future trends in nutrition and dietetics will be covered. Requisites: B.S. in Nutrition and Dietetics students only. Co-requisites: NTR 210 and NTR 211.
Credits: 1
Every Fall

NTR 200 Advanced Concepts in Nutrition
This course provides an in-depth examination of human nutrition and metabolism with emphasis on the interrelationships of nutrients and metabolism based on the principles of biochemistry. Current research issues will be discussed.

Pre-requisites: B.S. in Nutrition and Dietetics students only. NTR 100
Corequisite: CHM 71
Credits: 3
Every Spring

NTR 201 Practicum in Nutrition
Based on a student's individual interests. For students in the Nutrition & Dietetics program, the practicum is 90 hours per semester. For students in the Food, Nutrition & Wellness Program, the practicum includes class meeting time and 30 hours practical experience in the field. A designated faculty member serves as the liaison between the field site and the student.
Credits: 3
Every Spring

NTR 202 Research Methodology
Introduction to the scientific method of problem-solving. Identification of the research process in nutrition. Development of the practical tools for the interpretation and application of research findings. A research proposal will be completed. B.S. in Nutrition and Dietetics students: Pre-requisite of MTH 19 or 40 or ECO 72 and corequisite of NTR 211 are required.
B.S. in Food, Nutrition and Wellness students: Pre-requisites of NTR 102 and MTH 19 or 40 or ECO 72 are required.
Credits: 4
Every Spring

NTR 206 Nutrition Communication
This course is designed to provide the nutrition student with an overview of oral, written, and technical skills necessary for successful communication with clients, employees, the general public and allied health professionals. A focus on skill building in the use of motivational interviewing and cognitive behavioral therapy techniques that promote effective employee and client interactions will be provided. B.S. in Nutrition and Dietetics students: Pre- or corequisites of NTR 211 is required.
Credits: 3
Every Fall

NTR 210 Nutrition in the Community
A look at Nutrition Monitoring in the U.S. and the integral components necessary to develop effective programs and services to improve the nutrition and health for all segments of society. Needs assessment, legislation, public policy, program development, monitoring and evaluation will be addressed. B.S. in Nutrition and Dietetics students: Co-requisites of NTR 103 and NTR 211 are required.
Credits: 2
Every Fall

NTR 211 Medical Nutrition Therapy I
This course is the first semester of a two-semester sequence covering the pathophysiology and medical nutrition therapy for specific disorders and diseases. In this initial semester, the cause, prevention and treatment of certain medical conditions such as liver disease, diabetes mellitus, and anemias will be examined. Nutritional assessment techniques will be introduced to evaluate dietary, biochemical and anthropometric changes that relate to nutrition and disease processes. Case problems and studies are incorporated into the course to develop clinical practice skills.
Requisites: B.S. in Nutrition and Dietetics students only. Pre-requisite of NTR 101 is required.
Credits: 3
Every Fall

NTR 212 Medical Nutrition Therapy II
This course is the second part of a two-semester sequence covering the pathophysiology and medical nutrition therapy for specific disorders and diseases. In this second semester, the causes, prevention and treatment of certain medical conditions such as pulmonary disorders, kidney disease, cardiovascular disease, and cancer will be examined. Clinical skills related to interpreting laboratory values and to planning enteral/parenteral nutrition care will also be addressed as will documentation in the medical record and the nutrition care process. Case problems and studies are incorporated into the course to develop clinical practice skills.
B.S. in Nutrition and Dietetics students only: Pre-requisite of NTR 211 and co-requisite of NTR 212L are required.
Credits: 3
Every Spring

NTR 212L Medical Nutrition Therapy Laboratory
Theory and concepts from Medical Nutrition Therapy (MNT) I and II are applied through a variety of methods such as nutrition assessment, care plans, chart notes, and case studies. Practical application of tools and techniques used for assessment and management of nutritional status will be covered. B.S. in Nutrition and Dietetics students only. Co-requisite of NTR 212 is required.
Credits: 1
Every Spring

NTR 215 Energy and Exercise
A discussion of energy needs and factors affecting energy requirements; development and treatment of obesity; characteristics and treatment of eating disorders; nutritional needs and recommendations during physical exercise.
For Nutrition & Dietetics: Pre-requisite NTR 100
Credits: 3
Every Fall

NTR 221 Food in Contemporary Society
An overview of food legislation, regulations and policies. Issues related to food production and sustainability of the food supply. A discussion of factors leading to the deterioration of food. Methods of food preservation including irradiation, canning, refrigeration, freezing, drying of foods and fermentation. Nutritional losses and nutrition of foods will be discussed. Other topics of current interest such as biotechnology, phytochemicals,
functional foods, alternative sweeteners, fat substitutes, and food packaging will be included. For Nutrition & Dietetics: a pre-requisite of NTR 21 is required. Credits: 3  
Every Spring

NTR 222 Designing Cuisines
This 2 credit course (45 contact hours) is a required course in the Food, Nutrition & Wellness Program. It is designed to provide students with the knowledge and practice required to design, plan and prepare cuisines for various individuals with a variety of socioeconomic and dietary considerations. This course will provide opportunities for active participation in various food activities.  
Pre requisite: NTR 21 & NTR 24  
Co requisite: NTR 102  
Credits: 2  
On Demand

NTR 223 Food, Beverage and Labor Cost Controls
This 3 credit course (45 contact hours) is a required course in the “nutrition and Food Hospitality” concentration. It provides a comprehensive look at the methods, tools and techniques to control food, beverage and labor costs. Emphasis is placed on controlling costs and inventory, forecasting sales, allocation of overhead, and fiscal accountability in a sustainable environment.  
Pre requisite: NTR 21 and NTR 24

NTR 224 Fundamentals of Quantity Food Production
This 3 credit course (2 credit lecture, 1 credit lab) course is designed to build knowledge and experience in quantity food production and service in an institutional food service operation. Basic principles of volume food production, menu planning, recipe and menu development and standardization, food and kitchen safety, institutional equipment operation, and customer service will be covered. General food production skills in meat, poultry, fish/shellfish, fruit and vegetable, dairy and baked goods will also be covered. Elements of plate presentation and buffet operations are emphasized. Students will directly observe all aspects of quantity food preparation, from purchasing to service, in the campus dining facilities.  
A Pre or Co requisite of NTR 21, NTR 23, NTR 24, NTR 222 (or equivalent) is required.

NTR 401 Food, Nutrition and Wellness Seminar
This 3 credit course (45 contact hours) is a required course in the Nutrition, Health and Wellness concentration. Utilizing cases and research and incorporating experience and expertise of the faculty and practitioners, this course will provide students with a perspective on current issues in wellness, community nutrition, and exercise and fitness.  
Pre requisite: NTR 102; Pre or Corequisite NTR 202 & NTR 206.

NTR 402 Experiences in Nutrition
Experiences in Nutrition can be provided as an international study abroad, domestic exchange, or local community activity. Student may serve on or off campus at a one-time volunteer event or by participating in, or organizing, a program. Experiences in Nutrition programs are led by a faculty mentor or under the auspices of a professional. Students may participate in a research project, develop or implement a community service or outreach project, or provide nutrition counseling and education.  
Credits: 0  
On Demand

Radiologic Technology Courses

RDT 103 Methods Of Patient Care
Designed to prove the basic concepts of the physical and emotional needs of the patient. Describes routine and emergency procedures, insertions and maintenance of an intravenous line. As well as infection control utilizing universal precautions and recognition and treatment of reactions to contrast media. Educate student in obtaining vital signs and contrast media injection. Identifies the importance of patient education. Includes medical ethics, law and cultural differences.  
Corequisite of RDT 103L is required.  
Credits: 3  
Every Fall

RDT 103L Venipuncture/Patient Care Lab
This course is the practical application of knowledge and techniques learned in RDT 103 Methods of Patient Care.  
Credits: 0  
Every Fall

RDT 105 Principles Of Radiation Protection
Provides knowledge of radiation protection and radiation biology as related to the legal and ethical responsibilities of the radiographer. Reviews Regulatory Agencies and their requirements. Identifies biological effect and response to radiation on patients, personnel, and the public. Writing Across the Curriculum course (WAC).  
Credits: 3  
Every Fall

RDT 107 Medical Ethics & Law in Medical Imaging
This content provides a foundation in ethics and law related to the practice of medical imaging. An introduction to terminology, concepts and principles will be presented. Students will examine a variety of ethical and legal issues found in clinical practice.  
A pre requisite of RDT 103 is required.  
Credits: 2  
Every Spring

RDT 116 Radiographic Pathology
An overview of acute, chronic and congenital pathology. Discussion on how pathology and disease relate to medical imaging procedures. Includes systemic classification, diagnosis and treatment of diseases. Writing Across the Curriculum course (WAC).  
Prerequisite of RDT 128 is required.  
Credits: 3  
Every Spring

RDT 118 Breast Imaging
Provides the knowledge and cognitive skills required to perform in the specialized area of mammography/breast imaging. Discussion includes positioning, special techniques, anatomy, physiology and pathology of the breast.  
Prerequisite of RDT 155 is required.  
Credits: 1  
Every Spring

RDT 120 Medical Language
An introduction to the origins of medical terminology, including word building, abbreviations and symbols. Orientation to the understanding of medical orders and interpretation of diagnostic reports related to the respiratory, digestive and musculoskeletal systems. Cardiovascular, lymphatic, urinary, reproductive, integumentary, sensory, nervous and endocrine systems.  
Credits: 3  
Every Spring

RDT 123 Pharmacology
An introduction to basic pharmacology. Common drug nomenclature and basic concepts of pharmacology will be presented. Biological factors affecting actions of drugs will be discussed. Contrast media characteristics, allergic reactions and side-effects will be covered.  
Prerequisite of RDT 103 is required.  
Credits: 2  
Every Fall

RDT 125 Radiation Physics
An in-depth view of the characteristics and physical laws which apply to radiation. Topics explored include principles governing radiation production, detection and containment. Fundamentals of the circuitry which comprise medical imaging units will also be presented.
Prerequisite of RDT 105 is required.
Credits: 3
Every Spring

RDT 128 Pathophysiology
The changes in the human body that may be biological, physical, chemical or anatomical which induce disease or an abnormal process are discussed. The etiology and pathogenesis of altered body systems is emphasized. How change can significantly reduce normal function of body systems is also identified.
Prerequisites: BIO 7 and BIO 8
Credits: 3
Every Fall

RDT 144 Computed Tomography
An in-depth study of the physical principles and practical application of Computerized Axial Tomography. A presentation of protocol, positioning and the elements of room design and construction.
A co-requisite of RDT 128 is required.
Credits: 3
Every Fall

RDT 145 Magnetic Resonance Imaging
Presentation of the physical principles utilized in Magnetic Resonance Imaging. Discussion of the technical and economic factors of this advanced imaging procedure. Patient protocol will also be incorporated into the course format.
Prerequisite of RDT 128 is required.
Credits: 3
Every Spring

RDT 147 Principles in Medical Imaging I
Provides an introduction to the factors that govern and influence the production of a medical image on radiographic film. The principles of medical imaging to be discussed include: latent image, factors governing image quality, beam limiting devices, beam filtration, film holders, screens and technique formation. Darkroom processing and Article 35 of the New York State Public Health Law relating to medical imaging will also be covered.
Co-requisite of RDT 147L is required.
Credits: 4
Every Fall

RDT 147L Principles in Medical Imaging I Laboratory
Laboratory for RDT 147 Principles of Medical Imaging I.
Credits: 0
Every Fall

RDT 148 Principles of Medical Imaging II
An in-depth study of medical imaging exposure factors. Laboratory materials will be utilized to demonstrate the clinical applications of the theoretical principles and concepts. Problems encountered during the imaging of infants and children will also be addressed. Special emphasis will be placed on radiation protection, equipment, accessories and special positions utilized when imaging infants and children.
Prerequisite of RDT 147 is required.

RDT 155 Medical Imaging Procedures I
Designed to provide the knowledge and skills necessary to perform standard medical imaging procedures of the chest, abdomen, upper and lower extremities. The production of images of optimal diagnostic quality will be stressed. Laboratory experience utilizing a phantom patient will be used to complement the classroom portion of the course. The student will produce a portfolio of medical images.
Prerequisites of BIO 7 and 8 and Co-requisites of RDT 155L are required.
Credits: 4
Every Fall

RDT 155L Medical Imaging Procedures I Laboratory
Laboratory course for RDT 155 Medical Imaging Procedures I. Laboratory experience utilizing a phantom patient will be used to complement the classroom portion of the course. The student will produce a portfolio of medical images.
Credits: 0
Every Fall

RDT 156 Medical Imaging Procedures II
A continuation of medical imaging procedures with an emphasis on standard imaging of the vertebral column and the breast. The student will also be introduced to more advanced studies which involve the use of contrast material. Laboratory experience using a phantom patient will allow the student to apply the concepts acquired in the classroom environment. Writing Across the Curriculum course (WAC).
Prerequisite of RDT 155 and Co-requisite of RDT 155L are required.
Credits: 4
Every Spring

RDT 156L Medical Imaging Procedures II Laboratory
Laboratory course for RDT 156 Medical Imaging Procedures II. Laboratory experience using a phantom patient will allow the student to apply the concepts acquired in the classroom environment.
Prerequisite of RDT 155 and a co-requisite of RDT 156 are required.
Credits: 0
Every Spring

RDT 157 Medical Imaging Procedures III
This course serves to focus on the more advanced positions utilized in the practice of medical imaging. The student is introduced to medical imaging procedures of the skull. Practical laboratory experience will compliment the information presented in the didactic portion of the course, allowing the student to demonstrate the ability on the phantom patient.
Prerequisite of RDT 156 is required.

RDT 170 Medical Imaging Capstone Seminar
This seminar provides the student with an opportunity to review the fundamental and advanced principles of medical imaging. The application of clinical imaging theory will be reinforced.
Prerequisites: RDT 125, RDT 180 and RDT 121.
Credits: 3
Every Spring

RDT 180 Digital Medical Imaging
During this course, the student will be introduced to the components, principles and operation of the Picture Archiving and Communications System (PACS), Digital Imaging including: Digital Radiography (DR), Computed Radiography (CR), Hospital Information Systems (HIS) and Radiology Information Systems (RIS).
Prerequisite of RDT 147 is required.
Credits: 3
Every Fall

RDT 200 Introduction to Clinical Practice
During this practicum, the student begins to increase proficiency and skills through demonstration of core competencies. The student will become familiarized with the clinical setting.
Prerequisite of RDT 147 is required.
Credits: 1
Every Fall

RDT 201 Medical Imaging Practicum I
An introduction to the clinical environment at an affiliated hospital. Students will be assigned to various work areas in the Department of Radiology to observe operations of the entire department. Students will assist in routine imaging and under close supervision of a registered licensed technologist, begin to acquire medical imaging skills with the emphasis on chest, abdomen, and extremities.
Co-requisite of RDT 103 and RDT 105 are required.
Credits: 1
Every Spring

RDT 202 Medical Imaging Practicum II
Students continue to improve their medical imaging skills in the areas of chest, abdomen, and extremities under the quality control of a registered licensed technologist. Students are introduced to principles of medical imaging of the vertebral column and procedures which involve the use of contrast material. (Ends Last Friday in July).
Prerequisites: RDT 201 and RDT 118
Credits: 2
RDT 284 Advanced Imaging Procedures in MRI
Through the use of lecture and MR films, this course is designed to introduce the student to specialized techniques in MRI such as spectroscopy, diffusion imaging, perfusion imaging, functional MRI, Vascular, and Cardiac MRI, interventional MRI, and other miscellaneous topics.
Prerequisites of RDT 283 is required.

RDT 285 Clinical Internship in MRI I
This course is to be conducted at a clinical facility and provides the opportunity for students to practice skills that are needed to obtain high quality MRI images, confidently and independently change protocols as the need arises, and recognize image quality issues and make suitable corrections. Students will apply the didactic knowledge of previous courses and be introduced to procedural protocols, utilizing a variety of coils, pulse sequences, imaging parameters, as well as interaction and preparation of patients. Safety management, routine scheduling, and staff interaction will also be covered. The student will move through various phases of competency starting with observing, assisting, scanning, filming and ultimately completing exams from greeting the patient to final paperwork and post processing. An individual research project is also required.
Prerequisite of RDT 282 is required.

RDT 286 Clinical Internship in MRI II
This course is to be conducted at a clinical facility and provides the opportunity for students to continue to practice such important skills as: obtaining high quality MR images, confidently and independently changing protocols as the need arises, and recognizing image quality issues and making suitable corrections. Students will apply the didactic knowledge of previous courses and be introduced to procedural protocols utilizing a variety of coils, pulse sequences, and imaging parameters, as well as interaction and preparation of patients. Safety management, routine scheduling, and staff interaction will also be covered. The student will move through various phases of competency starting with observing, assisting, scanning, filming and ultimately completing exams from greeting the patient to final paperwork and post processing. An individual research project is also required.
Prerequisite of RDT 285 is required.
DEPARTMENT OF NURSING

The Department of Nursing offers 2 programs that are accredited by the Commission on Collegiate Nursing Education (CCNE). The Bachelor of Science in Nursing is a traditional, licensure-qualifying four-year program. Students integrate the LIU Post general education requirements in the liberal arts, sciences, and humanities, with nursing pre-requisite and co-requisite courses, as well as nursing specialty courses throughout the four years. This program qualifies graduates to sit for the National Council Licensing Examination for Registered Nurses (NCLEX-RN)
The Baccalaureate degree in Nursing and Maser's degree in Nursing at LIU Post is accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street, NW, Suite 750, Washington DC 20001, (202) 887-6791.

B.S. Nursing

The LIU Post Department of Nursing offers a licensure-qualifying, four-year Bachelor of Science degree in Nursing intended for freshmen and transfer students. Students integrate the LIU Post general education requirements in the liberal arts, sciences, and humanities, with nursing pre-requisite and co-requisite courses, as well as nursing specialty courses throughout the four years. The 121-credit B.S. in Nursing is designed to prepare students to develop the competencies essential for entry-level professional nursing practice and to build a foundation for graduate study. This program, accredited by the Commission on Collegiate Nursing Education, prepares nurses to assume advanced clinical and management positions in a variety of health care settings, including hospitals, home health programs, and public health agencies.

Nursing courses, which are taught by professors who serve as both educators and mentors, include content related to evidence-based practice, health assessment, human growth and development, mental health, nutrition, pathophysiology, pharmacotherapeutics, public health, professional practice, research, and nursing throughout the various stages of a patient's life. Students take required liberal arts and sciences courses integrated with the nursing curriculum as they progress through the four-year program. All courses are “step-locked” and must meet the pre-requisite courses of all previous semesters according to the cohort course map. Co-requisite or pre-requisite courses may be taken before the required semester. Please consult with the program director for clarification.

ADMISSION REQUIREMENTS

The licensure-qualifying four-year Bachelor of Science in Nursing is open to both freshman and transfer students. Applicants for admission to LIU Post as nursing majors are required to possess:

Incoming Freshman:
A B average (85-grade point average) and an average SAT score of 1000 (Critical Reading and Math combined) or ACT Composite of 22 or above.

Transfer students:
Must have completed more than 24 college credits. A minimum college GPA of 3.0 overall is required for application review with a minimum cumulative GPA of 3.0 in all pre-requisite coursework completed before admissions. Transfer students must submit official transcript(s) from all colleges and universities attended and two letters of recommendation preferably from former science professors. Transfer students must obtain a grade of C+ or higher in prerequisite/co-requisite course work and not have repeated a course more than once (i.e., anatomy and physiology, chemistry, genetics, microbiology, and pathophysiology).

Transfer credits for liberal arts and sciences courses taken at other colleges or universities will be evaluated individually. A total of up to 72 credits can be transferred to LIU Post from an associate degree program and up to 96 credits from baccalaureate programs. Nursing courses from other institutions do not transfer into the Bachelor of Science in Nursing. Any completed prerequisite/co-requisite course work (i.e., anatomy and physiology, chemistry, genetics, microbiology, developmental psychology, and pathophysiology) requires a grade of C+ or better, and courses older than five (5) years will not be accepted. If the transfer student has completed fewer than 24 credits, they must also submit high school transcripts and SAT/ACT scores.

General Program Requirement
If you have ever been convicted of a felony or misdemeanor, or have been subjected to a sanction as a result of a violation of an academic honor code or suspended or dismissed by an educational program, you must check with the New York State Department of Education to verify that you satisfy the requirements as a New York State Registered Professional Nurse.

A criminal conviction and/or the use of illegal drugs may impede or bar entry into your chosen field of study. You should be aware that clinical and hospital sites may reject a student, or remove a student from their site if a criminal record is found or if a positive drug test is noted. Inability to gain clinical or fieldwork 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.

RETENTION REQUIREMENTS
All students must maintain an overall GPA of 3.0 for successful progression in the Bachelor of Science in Nursing program. All completed prerequisite/co-requisite course work (i.e., anatomy and physiology, chemistry, genetics, microbiology, and pathophysiology) must achieve a minimum grade of C+. Students must achieve a minimum grade of C+ or better in all nursing courses. Students failing to meet the grade requirement for a course have one opportunity to repeat a single course. Multiple deficiencies will result in permanent dismissal from the program.

UNDERGRADUATE PROGRAMS

PROGRESSION
Progression through each course/semester in the nursing program requires the following:

- A cumulative 3.0 GPA index.
- Students who do not maintain an overall GPA of at least 3.0 will be placed on probation for one semester. The probation designation will remain on the record until graduation even if the student corrects the deficiency.
- Students who do not raise their overall GPA to a 3.0, after one semester on probation, will be dismissed from the undergraduate BS in Nursing program.
- A minimum grade of a C+ (or better) in nursing and all pre-requisite and co-related sciences and mathematics
- Nursing courses and pre-and co-requisite courses (i.e., anatomy & physiology, microbiology, genetics, chemistry, pathophysiology, general & developmental psychology, and statistics) in which students earn a grade of C, C-, D, F, W, or WU must be repeated before the student's progression to the next semester in the nursing sequence (except NRS 110).
- Nursing courses must be repeated in the next spring or fall semester that the course is offered.
- Students who fail a repeated nursing course, or a required pre-or co-requisite non-nursing course, with a grade of C, C-, D, F, W, or WU will be permanently dismissed from the Nursing program.
- Any general education course in which a grade less than C has been earned must be repeated for a grade of C or better if the course is to be counted toward graduation requirements.
- A PASS grade on ALL clinical course components is required.
- The nursing courses that have a clinical component require that the student pass both the didactic and the clinical components for retention/progression in the nursing major. If the student fails the clinical component they will fail the entire course regardless of the didactic grade.
- A student may repeat only one nursing or pre/co-requisite course throughout the curriculum.
• Students who do not achieve a grade of C+ in any nursing course or pre/co-requisite course are permitted to repeat that course only once.
• A second failure in that course and/or the first failure in any subsequent course will result in dismissal from the nursing program regardless of the repeated course grade earned.
• Students may repeat only one nursing course (if eligible).
• Students in the pre-licensure BS in Nursing program are required to achieve a grade of 90% on Medication Calculation exams. A grade of 100% is required before the Preceptor practicum course NRS 410. Students may repeat that exam once after documented ATI remediation.
- Failure to achieve 90% on the second attempt will result in a clinical failure and the student will be unable to administer medication in the clinical setting until competency is achieved within one week. Failure to achieve remediated competencies will result in a second clinical failure and a failure of the entire course with the inability to progress in the nursing program.

TEST OF ESSENTIAL ACADEMIC SKILLS (TEAS V)
All students admitted to the Bachelor of Science in Nursing will sit for the Test of Essential Academic Skills (TEAS V) administered through the Assessment Technology Institute (ATI). The TEAS V will serve as a predictor for nursing students' academic success. The required passing level for the TEAS V exam is "Proficiency."
Students are required to demonstrate "Proficiency" in the TEAS V in the first nursing semester in course NUR 100 to remain in the program. TEAS test scores are a statistically significant predictor of early nursing program success (Brenner, Blake, Long & Yanosky, 2014; McCarthy, Harris & Tracz, 2014). Students who fall below this level will be allowed to remediate through ATI and retake the TEAS V exam a second time. Failure to achieve a "Proficiency" level on the second attempt may result in dismissal from the nursing program. LIU Promise coaches and nursing faculty will work with these students to identify programs of study that may be more suitable for individual success in each case. Earned credits will be transferred to another degree upon consultation with the academic advisor.

GRIEVANCE POLICY
Department of Nursing retention and progression policy and grievance policy is located in the Nursing Handbook supersedes LIU Post campus policy. A student may only appeal an academic decision of the Department of Nursing Chairperson to the Dean of the School of Health Professions and Nursing (SHPN) following the SHPN Undergraduate and Graduate Student Academic Grievance Procedure found in the LIU Post Bulletin. The student must submit a formal, written appeal to the Dean using the SHPN Grievance Appeal Request Form indicating the basis of the appeal and all methods used to date to resolve the grievance. It is the student’s responsibility to provide specific evidence to support their appeal.

B.S. in Nursing
(Program Code: 37706) (HEGIS: 1203.0)

Core Curriculum Requirements
In addition to all major requirements, students pursuing the B.S. in Nursing must satisfy all core curriculum requirements as follows:

LIU Post Thematic Core Curriculum (32-33 credits)

| POST 101 | 1 credit |
| First-Year Seminar (Satisfied with NRS 100 FY#) |
| Writing I | 3 credits |
| Writing II | 3 credits |
| Quantitative Reasoning (Satisfied with MTH 19) |
| Scientific Inquiry & the Natural World (Satisfied with BIO 7) |
| Creativity, Media & the Arts |
| Perspectives on World Cultures |
| Ethics, Self & Society (Satisfied with PSY 101) |
| Power, Institutions & Structures |
| Additional course from one cluster (Satisfied with BIO 8) |

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Required Co-Related Courses

| BIO 7 | Human Anatomy and Physiology I | 4.00 |
| BIO 8 | Human Anatomy and Physiology II | 4.00 |
| CHM 6 | Chemistry of Life | 4.00 |
| MTH 19 | Basic Statistics | 3.00 |
| PSY 101 | General Psychology | 3.00 |
| PSY 121 | Human Growth and Development |

Choose one of the following:

| BIO 121 | Human Genetics in Health and Disease | 3.00 |
| HSC 221 | Topics in Human Genetics | 3.00 |

Choose one of the following:

| NUR 99 | Pathophysiology | 3.00 |
| BMS 211 | Introduction to Disease Processes | 3.00 |

Choose one of the following:

| BMS 90 | Microbiology in Health Sciences | 4.00 |
| BIO 250 | Microbiology | 4.00 |

Major Requirements: 4-Year Nursing (pre-licensure)

Required Courses

| NRS 100 | Introduction to Professional Nursing | 3.00 |
| NRS 110 | Nursing Informatics | 3.00 |
| NRS 130 | Fundamentals of Nursing | 4.00 |
| NRS 130C | Fundamentals of Nursing Clinical | 1.00 |
| NRS 140 | Nutrition in Nursing | 3.00 |
| NRS 150 | Pharmacotherapy | 3.00 |
| NRS 160 | Health Assessment | 5.00 |
| NRS 160C | Health Assessment Clinical | 0.00 |
| NRS 200 | Adult and Gerontological Nursing I | 7.00 |
| NRS 200C | Adult and Gerontological Nursing I Clinical | 0.00 |
| NRS 210 | Psychiatric-Mental Health Nursing | 4.00 |
| NRS 210C | Psychiatric-Mental Health Nursing Clinical | 0.00 |
| NRS 220 | Adult and Gerontological Nursing II | 7.00 |
| NRS 220C | Adult and Gerontological Nursing II Clinical | 0.00 |
| NRS 230 | Public Health Nursing | 4.00 |
| NRS 230C | Public Health Nursing | 0.00 |
| NRS 240 | Obstetrical and Pediatric Nursing | 7.00 |
| NRS 240C | Obstetrical and Pediatric Nursing Clinical | 0.00 |
| NRS 400 | Nursing Research & Evidence-Based Practice | 3.00 |
| NRS 410 | Nursing Transition into Professional Practice | 7.00 |
| NRS 410C | Nursing Transition into Professional Practice Clinical | 0.00 |

Nursing students also benefit from enrolling in recitation courses (NRS 160R, NRS 200R, NRS 210R, NRS 220R, NRS 230R, and NRS 240R) for all major classes to build competency in nursing skills. Students will be assigned to appropriate sections each semester.
Credit and GPA Requirements
Minimum Total Credits: 121
Minimum Liberal Arts Credits: 60
Minimum Major Credits: 61
Minimum Major GPA = 2.75
Minimum Overall GPA = 2.75
Nursing Courses

NRS 100 Introduction to Professional Nursing
This course provides an introduction to the profession of nursing including its history, development, scope of practice, professional educational requirements, moral and ethical foundations, legal issues and career paths. Students identify and explore key issues influencing nursing practice, nursing education and health care delivery systems. Political, social and economic factors influencing health care and healthcare policy will be identified relative to their impact on quality, safety, equity, effectiveness, efficiencies, and timeliness in delivery of patient centered care. Note this a Writing Across the Curriculum course (WAC).
Open to students in the Nursing B.S. plan (CNRSBS)
Credits: 3
Every Fall and Summer

NRS 110 Nursing Management, Leadership & Informatics
This course introduces the student nurse to current leadership, management and organizational theories. Using a seminar model the students investigate and discuss unique issues associated with nursing, health care management and leadership principles. Topics include ethical, political, legal, economic and biophysical aspects of nursing leadership and management. This is an integrative course that also explores advances in healthcare information technology and various electronic management strategies that support patient care systems.
Pre requisites: NRS 220, 220R, 230, 230R & MTH 19
Co requisites: NRS 240
Credits: 3
Every Fall

NRS 130 Fundamentals of Nursing
Students will explore foundational elements of nursing interventions with individual patients in controlled and predictable environments based on the core principles of nursing care. Classroom discussions and activities will focus on acquiring a knowledge base essential to developing beginner level competencies of the nurse generalist. Integrating knowledge from multiple sources that may include quality care, safety, policy, finance, effective communication, clinical prevention, health promotion, health restoration and professional values to guide nursing care will be covered.
Pre requisites: BIO 8, CHM 6, & NRS 140
Co requisites: NRS 130C & 130R
Credits: 4
Every Fall

NRS 130C Fundamentals of Nursing
Students will explore foundational elements of nursing interventions with individual patients in controlled and predictable environments based on the core principles of nursing care. Classroom discussions and activities will focus on acquiring a knowledge base essential to developing beginner level competencies of the nurse generalist. Integrating knowledge from multiple sources that may include quality care, safety, policy, finance, effective communication, clinical prevention, health promotion, health restoration and professional values to guide nursing care will be covered.
Pre requisites: BIO 8, CHM 6, & NRS 140
Co requisites: NRS 130C & 130R
Credits: 4
Every Fall

NUR 130R Fundamentals of Nursing Care Recitation
This recitation course allows students to analyze unique and foundational patient scenarios through case studies, concept maps, nursing care plans, simulation and laboratory experiences. Emphasis is placed on the role of the registered professional nurse as a safe and ethical practitioner in the laboratory setting.
Co requisites: NRS 130 & 130C
Credits: 0
Every Fall

NUR 140 Nutrition in Nursing
This course will focus on concepts that are foundational to accurate nutritional patient assessment. Nutritional health risks will be addressed using nutritional assessment techniques to evaluate dietary, biochemical, and anthropometric changes that relate to health promotion and disease prevention. Patient-centered education related to nutritional therapy for common disorders will be discussed.
Pre requisites: BIO 7, NRS 100, & PSY 101
Co requisites: BIO 8 & CHM 6
Credits: 3
Every Spring and Summer

NRS 150 Pharmacotherapeutics
Students explore core concepts and the scientific basis of pharmacotherapeutics in the delivery of safe, high quality, effective, efficient, equitable, patient centered, and timely nursing care across the lifespan in different health care environments. Legal, ethical principles, regulatory guidelines and standards of practice will be discussed as they affect the role of the nurse generalist in delivering varied drug therapies.
Pre requisites: NRS 130, 130C & 130R or BMS 211 & PSY 121
Co requisites: BMS 90 & NRS 160
Credits: 3
Every Spring

NRS 160 Health Assessment
This course presents the didactic theory with laboratory-taught clinical skills necessary to provide health assessment and physical examination across the life span within the context of the nursing process. Students will identify strategies for teaching and promoting health and wellness. Nursing activities are explored that facilitate adaptive responses in well, acute, and chronically ill patients from diverse and multicultural backgrounds.
Pre requisites: BMS 211, NRS 130, 130R, 130C and PSY 121
Co requisites: BMS 90 and NRS 150
Credits: 5
Every Fall

NRS 160C Health Assessment
This course presents the didactic theory with laboratory-taught clinical skills necessary to provide health assessment and physical examination across the life span within the context of the nursing process. Students will identify strategies for teaching and promoting health and wellness. Nursing activities are explored that facilitate adaptive responses in well, acute, and chronically ill patients from diverse and multicultural backgrounds.
Co requisites: NRS 160 & NRS 160R
Credits: 0
Every Spring

NRS 160R Health Assessment Nursing Care Recitation
This recitation course allows students to analyze unique and foundational patient scenarios through clinical skill development correlating knowledge of human physiology, disease pathologies through simulation and laboratory experiences. Emphasis is placed on the role of the registered professional nurse as a safe and ethical practitioner promoting health and wellness in the laboratory setting.
Co requisites: NRS 160 & NRS 160C
Credits: 0
Every Spring

NRS 200 Adult and Gerontological Nursing I
This is the first of two adult and gerontological medical-surgical nursing courses. Students will examine theoretical and evidence-based practice related to the planning, implementation, evaluation, health promotion, risk reduction/prevention, and disease management strategies when caring for adults and their families in acute, non-acute, and chronic health environments with an emphasis on the older adult.
Pre requisites: BMS 90, NRS 150, NRS 160, NRS 160C, and NRS 160R
Co requisites: BIO 121, NRS 210
Credits: 7
Every Fall

NRS 200C Adult and Gerontological Nursing I
This course presents the didactic theory with laboratory-taught clinical skills necessary to provide health assessment and physical examination across the life span within the context of the nursing process. Students will identify strategies for teaching and promoting health and wellness. Nursing activities are explored that facilitate adaptive responses in well, acute, and chronically ill....
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
<th>Prerequisites</th>
<th>Credits</th>
<th>Offered</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRS 220 Adult and Gerontological Nursing II</td>
<td>This is the second of the two adult and gerontological medical-surgical nursing courses. Students will continue to examine theoretical and evidence-based practice related to the planning, implementation and evaluation of health promotion, risk reduction/prevention, and disease management strategies employing critical thinking skills. There will be an emphasis on nursing management and interventions of patients with multiple physiological alterations with a focus on prioritization and delegation of nursing care.</td>
<td>Pre requisites: BIO 121 or HSC 221 and NRS 200, 200R, NRS 210</td>
<td>Co requisites: NRS 230 and MTH 19</td>
<td>Credits: 7</td>
<td>Every Spring</td>
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<tr>
<td>NRS 220C Adult and Gerontological Nursing II</td>
<td>This is the second of the two adult and gerontological medical-surgical nursing courses. Students will continue to examine theoretical and evidence-based practice related to the planning, implementation and evaluation of health promotion, risk reduction/prevention, and disease management strategies employing critical thinking skills. There will be an emphasis on nursing management and interventions of patients with multiple physiological alterations with a focus on prioritization and delegation of nursing care.</td>
<td>Co requisites: NRS 220 and NRS 220R</td>
<td>Credits: 0</td>
<td>Every Spring</td>
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<tr>
<td>NRS 220R Adult and Gerontological Nursing Recitation</td>
<td>This recitation course allows students to analyze unique and complex patient scenarios through case studies, simulation and laboratory experiences. Case studies draw upon previous learning, experiences and knowledge, linking theory to practice with vulnerable populations. The focus is on nursing care, communication within the health care team, delegation of care, and cultural, legal and ethical implications.</td>
<td>Co requisites: NRS 210 and MTH 19</td>
<td>Credits: 0</td>
<td>Every Spring</td>
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<tr>
<td>NRS 230 Public Health Nursing</td>
<td>This course will facilitate the conceptualizing of individuals, family and communities as units of care in public health. It focuses on public health issues in the 21st century, concepts of epidemiology, transformation of public health systems, common community and population health problems and the management of vulnerable populations. Students will be able to interpret how socio-political, economic issues, ethics and culture influence public health issues.</td>
<td>Co requisites: NRS 220, 220C, 220R and NRS 230</td>
<td>Credits: 0</td>
<td>Every Spring</td>
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<tr>
<td>NRS 240 Obstetrical and Pediatric Nursing</td>
<td>Using a family-centered approach, students will examine theoretical and evidence-based practice related to planning, implementing, and evaluating health promotion, risk reduction/prevention, and disease management strategies when caring for the pediatric patient and childbearing family across the continuum, in acute, non-acute, and chronic health environments. This includes the assessment and care of the infant during the immediate postpartum period, and issues of women’s health.</td>
<td>Pre requisites: NRS 220, 220R, NRS 230 and MTH 19</td>
<td>Co requisite: NRS 110</td>
<td>Credits: 7</td>
<td>Every Fall</td>
<td></td>
</tr>
<tr>
<td>NRS 240C Obstetrical and Pediatric Nursing</td>
<td>Using a family-centered approach, students will examine theoretical and evidence-based practice related to planning, implementing, and evaluating health promotion, risk reduction/prevention, and disease management strategies when caring for the pediatric patient and childbearing family across the continuum, in acute, non-acute, and chronic health environments. This includes the assessment and care of the infant during the immediate postpartum period, and issues of women’s health.</td>
<td>Co requisite: NRS 240</td>
<td>Credits: 0</td>
<td>Every Fall</td>
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</tbody>
</table>
**NRS 240R Obstetrical and Pediatric Nursing Recitation**

This recitation course allows students to analyze unique and complex family centered scenarios through case studies, simulation and laboratory experiences. Case studies draw upon previous learning, experiences and knowledge, linking theory to practice utilizing evidence to plan, implement and evaluate family centered risk reduction/prevention and disease management. The focus is on women's heath nursing care, the childbearing family, newborn and pediatric physical and developmental assessment skill development and care management.

**NRS 390 Honors Thesis**

for honor students

*Must be in Honors College*

Credits: 3

*On Occasion*

**NRS 400 Nursing Research & Evidence-Based Practice**

This course introduces the student to the processes of scientific inquiry and research with an emphasis on developing skills as a consumer of research. Students will gain knowledge in the areas of research methods, critical appraisal of research, and concepts of evidence-based practice. Students will begin to develop skills that will assist them in incorporating a systematic process of analysis, synthesis and evaluation of scientific evidence-based practice into their delivery of nursing care. Note this is a writing across the curriculum course (WAC).

*Pre requisites: NRS 110, 240 and 240C*

*Co requisites: NRS 410 and 410C*

Credits: 3

*Every Spring*

**NRS 410 Nursing Transition into Professional Practice**

In the capstone course, students evaluate how socio-political, economic issues, ethics and culture influence nursing practice in the 21st century. Concepts of leadership and effective management are emphasized. Critical thinking skills and decision-making strategies that promote health and disease prevention within individuals, families, groups and communities are examined. A required preceptored clinical experience provides for integration of concepts, application of critical thinking and evidence-based practice.

*Pre requisites: NRS 110, 240*

*Co requisites: NRS 400*

Credits: 7

*Every Spring*

**NRS 410C Nursing Transition into Professional Practice**

In the capstone course, students evaluate how socio-political, economic issues, ethics and culture influence nursing practice in the 21st century. Concepts of leadership and effective management are emphasized. Critical thinking skills and decision-making strategies that promote health and disease prevention within individuals, families, groups and communities are examined. A required preceptored clinical experience provides for integration of concepts, application of critical thinking and evidence-based practice.

*Pre requisites: NRS 110, 240C*

*Co requisites: NRS 410*

Credits: 0

*Every Spring*
DEPARTMENT OF THERAPEUTIC HEALTH PROFESSIONS

The Department of Therapeutic Health Professions focuses on the care of adults, children, and animals through the Communication Sciences Disorders program and the Veterinary Technician program. Students complete a BS in Speech-Language Pathology and Audiology assisting adults and children in overcoming their communication difficulties. Graduates of the Veterinary Technology Program are prepared to work in small and large animal practices, research, and agricultural industries.

B.S. Speech-Language Pathology & Audiology

The 120-credit Bachelor of Science in Speech-Language Pathology and Audiology will prepare you for a career helping people of all ages overcome communication disorders—from young children who stutter to stroke victims struggling to speak again.

Along with a comprehensive liberal arts education, the curriculum offers coursework in normal and disordered communication. Students observe adults and children with speech and/or language disorders in community-based settings. A limited field-based experience may also be available to qualified students. Graduates of this program are ready to advance to master’s-level study and work toward a Certificate of Clinical Competence from the American Speech-Language-Hearing-Association, as well as New York State licensure and certification as a Teacher of Students with Speech and Language Disabilities (TSSLD).

As a candidate for the B.S. in Speech-Language Pathology and Audiology, you will fulfill coursework in the Liberal Arts core, Education classes, English, as well as courses in the Speech-Language Pathology major in the Department of Communication Sciences and Disorders.

B.S. Speech-Language Pathology & Audiology

[Program Code: 07001] [HEGIS: 1220.0]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. Speech-Language Pathology & Audiology must satisfy all core curriculum requirements as follows:

First Year Experience (13 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>POST 101</td>
<td>1</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

Writing I

Writing II

Quantitative Reasoning (MTH 19 required)

Thematic Clusters (19-20 credits)

Scientific Inquiry and the Natural World 4 credits

Creativity, Media and the Arts 3 credits

Perspectives on World Cultures 3 credits

Self, Society and Ethics 3 credits

Power, Institutions and Structures 3 credits

Additional course from one cluster 3-4 credits

1) Students to take one course from each area in thematic clusters with a choice to take two from one cluster.

2) At least one course in the Humanities and the Arts, Social Sciences, and Sciences.

3) Thematic clusters may be twenty credits if students elect to take a second laboratory science.

4) Students may not take more than two courses in any one discipline from among the thematic clusters.

For a more detailed listing of these requirements, see the core curriculum section of this bulletin.

Major Requirements

Required Courses

All courses listed must be completed

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 5 Voice and Diction</td>
<td>3.00</td>
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<tr>
<td>SPE 51 Phonetics of English</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 63 Introduction to Linguistics and Language Acquisition</td>
<td>3.00</td>
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<tr>
<td>SPE 65 Introduction to Diagnostic Procedures</td>
<td>3.00</td>
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<tr>
<td>SPE 67 Introduction to Language Disorders in Children</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 70 Professional and Scientific Writing in Speech-Language Pathology and Audiology</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 82 Introduction to Speech Science</td>
<td>3.00</td>
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<tr>
<td>SPE 84 Anatomy and Physiology of the Speech and Hearing Mechanism</td>
<td>3.00</td>
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<tr>
<td>SPE 85 Introduction to Articulation Disorders and Phonological</td>
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</tbody>
</table>

SPE 88 Introduction to Neuroanatomy for the Speech-Language Pathologist | 3.00 |

SPE 90 Introduction to Audiology | 3.00 |

SPE 91 Introduction to Aural Rehabilitation | 3.00 |

SPE 93 Speech Pathology I: Introduction to Pediatric Communication Disorders | 3.00 |

SPE 94 Speech Pathology II: Introduction to Adult Speech and Language Disorders | 3.00 |

SPE 95 Introduction to Clinical Research in Communication Disorders | 3.00 |

Electives

Choose one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SPE 86 Clinical Practicum in Speech Language Pathology</td>
<td>2.00</td>
</tr>
<tr>
<td>SPE 97 American Sign Language II</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 98 American Sign Language I</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 385 Honors Tutorial</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 386 Honors Tutorial</td>
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Required Co-Related Education Courses

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>EDI 14 Historical, Philosophical and Sociological Foundations of Education</td>
<td>3.00</td>
</tr>
<tr>
<td>EDI 41A Nurturing Young Children's Development</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 35 Methods and Materials: Applications for Speech-Language Therapy</td>
<td>3.00</td>
</tr>
<tr>
<td>SPE 35J Methods and Materials for Speech-Language Therapy</td>
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Required Co-Related Workshops:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDUX 200 Preventing Child Abduction; Safety Education; Fire and Arson Prevention</td>
<td>0.00</td>
</tr>
<tr>
<td>EDUX 300 Preventing Alcohol, Tobacco, and Other Substance Abuse</td>
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</table>

Credit and GPA Requirements
**B.S. Veterinary Technology**

LIU Veterinary Technology is one of only a few programs in the country to offer an entry-level baccalaureate degree in the profession. A veterinary technologist's role is to provide excellent patient care, working with the veterinarian and other veterinary professionals to ensure good outcomes for our patients and our clients. An interest in the natural sciences, good skills in mathematical computation, strong intellectual curiosity, and a desire to help others are the foundations of a good veterinary technologist. The US Department of Labor Statistics predicts a 20% increase in job opportunities for veterinary technologists by 2026, which translates to over 20,000 jobs nationwide. In addition to courses specifically aimed at the veterinary science (veterinary pharmacology, veterinary anatomy and physiology, etc.) students acquire over 500 hours of hands-on clinical experience, in everything from small hospitals to major multi-specialty practices. We also offer a specific plan of study for those interested in applying to veterinary medical school after undergraduate work. The amount of hands-on experience and veterinary science coursework available is invaluable for post-graduate education. In particular, these students get the same hours of hand-on clinical experience as other students. Clinical externship placements include some of the best veterinary facilities in the area - and some, the best in the country. Both large animal and small animal clinical skills will be taught. The B.S. in Veterinary Technology Program is accredited by the American Veterinary Medical Association, and its graduates are entitled to sit for the national licensing examination.

**Core Curriculum Requirements**

In addition to all major requirements, students pursuing the B.S. Veterinary Technology must satisfy all core curriculum requirements as follows:

**LIU Post Thematic Core Curriculum (32-33 credits)**

- POST 101 1 credit
- First-Year Seminar (must take BMS 97) 3 credits
- Writing I 3 credits
- Writing II 3 credits
- Quantitative Reasoning (must take MTH 3 or 7) 3 credits

**B.S. Veterinary Technology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>VST 101</td>
<td>Introduction to Veterinary Sciences 3.00</td>
</tr>
<tr>
<td>VST 102</td>
<td>Veterinary Hospital Procedures and Practices 2.00</td>
</tr>
<tr>
<td>VST 201</td>
<td>Anatomy and Physiology of Domestic Animals I 2.00</td>
</tr>
<tr>
<td>VST 201L</td>
<td>Anatomy and Physiology of Domestic Animals I Lab 1.00</td>
</tr>
<tr>
<td>VST 202</td>
<td>Veterinary Toxicology and Pharmacology 3.00</td>
</tr>
<tr>
<td>VST 203</td>
<td>Anatomy and Physiology of Domestic Animals II 2.00</td>
</tr>
<tr>
<td>VST 203L</td>
<td>Anatomy and Physiology of Domestic Animals II Lab 1.00</td>
</tr>
<tr>
<td>VST 204</td>
<td>Veterinary Nursing I 2.00</td>
</tr>
<tr>
<td>VST 204L</td>
<td>Veterinary Nursing I Lab 1.00</td>
</tr>
<tr>
<td>VST 211</td>
<td>Veterinary Clinical Laboratory Techniques 2.00</td>
</tr>
<tr>
<td>VST 211L</td>
<td>Veterinary Clinical Laboratory Techniques Lab 1.00</td>
</tr>
<tr>
<td>VST 212</td>
<td>Large Animal Health, Diseases and Nursing 2.00</td>
</tr>
<tr>
<td>VST 212P</td>
<td>Large Animal Health, Diseases and Nursing 1.00</td>
</tr>
<tr>
<td>VST 213</td>
<td>Veterinary Externship I 1.00</td>
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<tr>
<td>VST 213P</td>
<td>Veterinary Externship I - Practicum 2.00</td>
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<tr>
<td>VST 214</td>
<td>Veterinary Nursing II 2.00</td>
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<tr>
<td>VST 214L</td>
<td>Veterinary Nursing II Lab 1.00</td>
</tr>
<tr>
<td>VST 215</td>
<td>Veterinary Diseases and Parasitology 2.00</td>
</tr>
<tr>
<td>VST 215L</td>
<td>Veterinary Diseases and Parasitology Lab 1.00</td>
</tr>
<tr>
<td>VST 401</td>
<td>Laboratory Animal/Non-traditional Pet Technology 2.00</td>
</tr>
<tr>
<td>VST 401L</td>
<td>Laboratory Animal/Non-traditional Pet Technology Lab 1.00</td>
</tr>
<tr>
<td>VST 402</td>
<td>Veterinary Externship II 1.00</td>
</tr>
<tr>
<td>VST 402P</td>
<td>Veterinary Externship II - Practicum 3.00</td>
</tr>
<tr>
<td>VST 403</td>
<td>Veterinary Nursing III 3.00</td>
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<tr>
<td>VST 403</td>
<td>Veterinary Nursing III Lab 1.00</td>
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<td>VST 404</td>
<td>Veterinary Dentistry and Nutrition 2.00</td>
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<td>VST 405</td>
<td>Veterinary Externship III 1.00</td>
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<td>VST 405P</td>
<td>Veterinary Externship III - Practicum 4.00</td>
</tr>
<tr>
<td>VST 406</td>
<td>Veterinary Capstone Course 2.00</td>
</tr>
</tbody>
</table>

**Required Co-Related Courses - minimum of C+ required in all courses**

- BIO 103 General Biology I 4.00
- BIO 104 General Biology II 4.00
- BMS 97 Outbreak! Veterinary and Human Disease Emergencies 3.00
- CHM 3 Principles of Chemistry I 4.00
- CHM 4 Principles of Chemistry II 4.00

**One of the following (minimum of C+ required):**

- BIO 250 Microbiology 4.00
- BMS 90 Microbiology in Health Sciences 4.00

**Free Electives** - Students may have liberal arts or recommended veterinary technology electives.

**Pre-DVM Specialization Required Courses**

**Required Pre-DVM Courses - minimum of C+ required in all courses**

- BIO 121 Human Genetics in Health and Disease 3.00
- CHM 21 Organic Chemistry I 4.00
- CHM 22 Organic Chemistry II 4.00
- CHM 71 Basic Biochemistry 4.00
- PHY 11 College Physics I 4.00

**One of the following:**

- ORC 1 Public Speaking 3.00
- PHY 12 College Physics II 4.00

**Credit and GPA Requirements**

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 60
Minimum Major Credits: 59
Minimum Major GPA: 2.8
**Communication Sciences and Disorders Courses**

### SPE 5 Voice and Diction
Communication is part of every aspect of our lives. In this course, students will explore the nature of a wide variety of communication forms and will acquire the skills to 1) formulate more effective verbal and non-verbal messages, 2) communicate more effectively in interpersonal relationships, 3) listen actively, and 4) manage interpersonal conflict. Students will also, learn to communicate more effectively during interviews and to construct and deliver effective public speeches.

Credits: 3  
Every Fall

### SPE 35J Methods and Materials: Applications for Speech-Language Therapy
This course introduces the student to basic methods and materials of intervention for individuals with communication disorders. Materials used in speech-language therapy are presented using a hands-on approach. The decision making process involved in the development of appropriate long term goals and objectives will be explored as will the steps involved in lesson planning.

Prerequisite: SPE 35J and SPE 67  
Prerequisites: SPE 35J & SPE 67  
Credits: 3  
Every Spring

### SPE 63 Introduction to Linguistics and Language Acquisition
The normal process and stages of language acquisition in children from birth to adolescence are described in this course. The relationship between children's language and children's perceptual, cognitive and social development are explained within a cultural context.

Pre requisite: SPE 51  
Co requisite(s): SPE 84 & PHY 11  
Credits: 3  
Every Fall

### SPE 65 Introduction to Diagnostic Procedures
Diagnostic methods in speech and language pathology are covered in this course. The interview, the case history, the oral facial, and clinical examinations are presented. Students become familiar with standardized and non-standardized tests. The importance of reliability and validity of testing is stressed. Fundamentals of professional report writing are also introduced.

Prerequisites: SPE 63, 67, 85 and 93  
Prerequisites: SPE 63, SPE 67, SPE 85, and SPE 93  
Credits: 3  
Every Spring

### SPE 67 Introduction to Language Disorders in Children
This course assists the student in identifying disorders or delays in language development. Semantic, syntactic, pragmatic and phonological aspects of language are discussed. Assessment procedures and therapeutic methods are included in the discussions.

Prerequisites of SPE 51, 63, 84 and 93 are required.  
Credits: 3  
Every Fall

### SPE 70 Professional and Scientific Writing in Speech-Language Pathology and Audiology
This writing intensive course offers an introduction to syntactic analysis and professional and scientific writing and is specifically tailored to undergraduate students majoring in speech-language pathology and audiology. This course is designed to provide students with the foundations of grammatical analysis necessary to assess language disorders and the tools to become proficient at writing professional goals and objectives, clinical and scientific reports. The class will familiarize students with the analytical processes involved in syntax analysis and in proofreading clinical and scientific reports.

WAC Class Requirement  
A pre requisite of SPE 63 is required.  
Credits: 3  
Every Spring

### SPE 82 Introduction to Speech Science
This course is a study of acoustic events and processes involved in speech and language. Information on speech transmission and perception is provided.

Prerequisites: SPE 51, 84, and PHY 11  
Prerequisites: SPE 51, SPE 84 and PHY 11  
Credits: 3  
Every Spring

### SPE 84 Anatomy and Physiology of the Speech and Hearing Mechanism
This course is an comprehensive review of the anatomical and physiological aspects of speech, language, hearing and swallowing. These include the respiratory, laryngeal, articulatory and auditory systems.

Co requisite(s): SPE 63 & PHY 11  
Credits: 3  
Every Fall

### SPE 85 Introduction to Articulation and Phonological Disorders
This course focuses on the nature and treatment of articulation and phonological disorders in children. Course content includes a review of articulatory phonetics and the rule-governed system(s) underlying phonological development. Typical articulatory and phonological development is contrasted with disordered development. Evaluative and treatment procedures are presented.

Prerequisites: SPE 51, 63, and 84  
Prerequisites: SPE 51, SPE 63 & SPE 84  
Credits: 3  
Every Spring

### SPE 88 Introduction to Neuroanatomy for the Speech-Language Pathologist
This required course provides working knowledge of anatomical landmarks of the central and peripheral nervous systems and their physiology. Focus is particularly on the neurological underpinnings of speech and language.

Prerequisite of SPE 84 is required.  
Credits: 3  
Every Spring

### SPE 90 Introduction to Audiology
This course presents the anatomy and physiology of the hearing mechanism. It includes an introduction to the presentation of audiometric tests, discussion and interpretation of test results and a study of elementary hearing problems.

Pre requisite: SPE 84, SPE 93  
Credits: 3  
Every Fall

### SPE 91 Introduction to Aural Rehabilitation
This course is an introduction to hearing aid technology, auditory training and visual speech-reading training in the communicative rehabilitation of the hearing impaired. Hearing conservation and patient counseling procedures are discussed.

Pre requisites: SPE 90, SPE 93
SPE 93 Speech Pathology I: Introduction to Pediatric Communication Disorders
The student will be provided with information basic to the understanding of childhood speech and language disorders. Both differences and delays, as compared to normal language development will be discussed. Assessment and intervention will be covered as they relate to each disorder. Prerequisites: SPE 63 and SPE 84 Credits: 3 Every Spring

SPE 94 Speech Pathology II: Introduction to Adult Speech and Language Disorders
This course will provide each student with basic knowledge of the mechanisms responsible for speech and language in the adult. It will also address the underlying causes of disease processes that compromise the "normal" production of speech and language. The disorders of aphasia, right hemisphere brain damage, traumatic brain injury, senile dementia, dysarthria, apraxia, dysphagia and auralnar speech will be discussed, as well as principles of assessment and intervention. Prerequisite of SPE 51, 84, and 88 are required. Credits: 3 Every Fall

SPE 95 Introduction to Clinical Research in Communication Disorders
The fundamental goal of this writing intensive course is to provide students with the ability to evaluate the research literature in speech-language pathology, audiology, and speech science. Students will be introduced to the aims and methods of descriptive and experimental research, including inductive/scientific procedure, types and techniques of measurement, data analysis and presentation, verification of validity and reliability and the form of research reports. This course will provide the basic information necessary to develop research skills and perform critical analysis of professional literature in communication disorders. WAC class requirement Prerequisites: SPE 93 & MTH 19 Credits: 3 Every Fall

SPE 98 American Sign Language I (Elective)
This course equips students to communicate with deaf, hard of hearing and seriously language-impaired (non-verbal) individuals through basic-level fingerspelling, facial expressions and American Sign Language system. Credits: 3 Every Spring

SPE 99 Independent Study
Permission to take this course is based on particular criteria: 1) merit of proposed study; 2) cumulative or major average; 3) 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 Occasion

SPE 385 Honors Tutorial (Elective)
This elective course is offered when students in the honors program seek to pursue an honor's thesis in the field of speech, language or hearing disorders. The student must identify a specific area of study and secure a mentor within the Department of Communication Sciences and Disorders with expertise in the area specified. A formal request must be presented and signed by the faculty mentor and the chairperson as specified by the Honor's Program. Must be in Honors College Credits: 3 On Occasion

SPE 390 Honors Thesis
This course is a continuation of SPE 389, offered to students who have successfully completed an honor's tutorial with a faculty mentor in the area of communication sciences or disorders. The student must identify a thesis advisor and a reader. A formal written description of the thesis must be submitted and signed by the advisor, reader and department chairperson in accordance with Honor's Program policies. Must be in Honors College Credits: 3 On Occasion

VST 101 Introduction to Veterinary Sciences
This course includes information pertaining to veterinary terminology, various classifications and breeds of animals, restraint methods, zoonotic diseases, common systemic diseases, future employment potential, and basic scientific concepts regarding animal health. The course is intended to be an overview of the entire veterinary science and technology curriculum by providing a basic background and prerequisite knowledge that will be of benefit in other departmental course offerings. Enrollment Limited to Students in the Vet Tech Major Enrollment Limited to Students in the Vet Tech Major Credits: 3 Every Fall

VST 102 Veterinary Hospital Procedures and Practices
This course will acquaint the student with the principals involved in operating a veterinary practice. Medico-legal issues will be discussed, as well as methods of managing personnel, financial responsibilities, ordering drugs and supplies, keeping inventory, and bookkeeping. Students will become familiar with medical notes and software currently in use. A pre requisite of VST 101 is required. A pre requisite of VST 101 is required. Credits: 2 Every Spring

VST 103 Rabies Forum
As of winter 2022, that ALL students enrolled in veterinary technology/technician programs nationwide must receive the pre-exposure rabies vaccines (a series of three). This course will provide information on rabies and arrange for the vaccines. The lab fee for this course is 1400 dollars, which covers the cost of the vaccines as part of your tuition. Students are not permitted to work with animals or animal biologics if unvaccinated. No prerequisite Required of all majors; typically taken in the first Fall semester Credits: 0 Every Fall

VST 201 Anatomy and Physiology of Domestic Animals I
Basic principles of the structure and function of companion, food, laboratory, and exotic animals are discussed in depth for each of the organ systems. The integumentary, circulatory, skeletal, muscular, respiratory, gastrointestinal and metabolic systems will be covered during the first semester. The laboratories will involve dissection as well as use of models and online/software materials. This course is part of a two-semester sequence 2 hours of lecture Pre or Co requisite: BIO 103
Veterinary Nursing I is the first in a series of three veterinary nursing courses that will culminate in veterinary practitioner. This course requires a laboratory fee of 750 dollars.

Pre requisite: VST 212
Co requisite: VST 212
Credit: 1
Every Spring

VST 213 Veterinary Externship I - Practicum
Through this supervised, applied training, the student will develop his/her skills as a veterinary technologist in a clinical setting. Registration in the course requires that the student purchase liability insurance through the college. Students are required to provide their own transportation to off-campus field experiences.

A co requisite of VST 213 is required.

Pre requisite: VST 214
Co requisite: VST 213P
Credit: 1
Every Fall

VST 214 Veterinary Nursing II
Veterinary Nursing II is the second in a series of three veterinary nursing courses that will culminate in acquisition of required essential skills in small animal care and treatment. Topics covered will include patient positioning, knowledge of radiology, knowledge of cardiology, clinical and post-surgical nursing, bandaging, dental prophylaxis, handling and restraint, practice of injection techniques, blood withdrawal, and experience in wellness.

Pre requisite: VST 204/204L
Co requisite: VST 214 L - Lab
Pre requisite: VST 204
Co requisite: VST 214 L - Lab
Credit: 2
Every Spring

VST 214L Veterinary Nursing II - Lab
Lab to VST 214
Co requisite: VST 214 - Lecture
Co requisite: VST 214 - Lecture
Credit: 1
Every Fall

VST 215 Veterinary Externship II - Practicum
This is the hands-on portion of VST 212.

Note: This course requires a laboratory fee of 750 dollars.

Co requisite: VST 215
Co requisite: VST 215P
Credit: 1
Every Spring

VST 215P Veterinary Externship II - Practicum
Through this supervised, applied training, the student will develop his/her skills as a veterinary technologist in a clinical setting. Registration in the course requires that the student purchase liability insurance through the college. Students are required to provide their own transportation to off-campus field experiences. A co requisite of VST 213 is required.

A co requisite of VST 213 is required.

Credit: 2
Every Spring

VST 216 Veterinary Nursing III
Veterinary Nursing III is the third in a series of three veterinary nursing courses that will culminate in acquisition of required essential skills in small animal care and treatment. Topics covered will include patient positioning, knowledge of radiology, knowledge of cardiology, clinical and post-surgical nursing, bandaging, dental prophylaxis, handling and restraint, practice of injection techniques, blood withdrawal, and experience in wellness.

Pre requisite: VST 215/215P
Co requisite: VST 211P
Pre requisite: VST 215
Co requisite: VST 212P
Credit: 2
Every Spring

VST 211P Veterinary Clinical Laboratory Techniques - Lab
Lab to VST 211
Co requisite: VST 211L - Lecture
Co requisite: VST 211L - Lecture
Credit: 1
Every Fall

VST 211L Veterinary Clinical Laboratory Techniques - Lab
VST 211L Veterinary Clinical Laboratory Techniques - Lab
Lab to VST 211 Lecture Laboratory sessions are concerned primarily with collection, storage, handling and analysis of blood, feces and other bodily secretions and excretions.

Pre requisite: VST 211 - Lecture
Credit: 1
Every Fall

VST 212 Large Animal Health, Diseases and Nursing
Farm animal nursing provides the student with the knowledge and understanding of basic health principles relating to farm animals including dairy and beef cattle, horses, sheep, goats, swine, llamas and poultry. The course exposes the student to the areas of restraint methodology, clinical techniques utilized in physical examinations for diagnosis, and therapeutics of large animals.

Pre requisite: VST 202, VST 204L - Laboratory
Co requisite: VST 203
Pre requisite: VST 204
Co requisite: VST 204L - Lab
Credit: 2
Every Fall

VST 212 Large Animal Health, Diseases and Nursing Practicum
This is the hands-on portion of VST 212.

Pre requisite: VST 202, VST 204L - Laboratory
Co requisite: VST 203
Pre requisite: VST 204
Co requisite: VST 204L - Lab
Credit: 2
Every Fall

VST 204 Veterinary Nursing I
Veterinary Nursing I is the first in a series of three veterinary nursing courses. Topics covered will include handling and restraint of dogs and cats, the application of patient and personal safety measures, record keeping, and signs and characteristics of common small animal diseases.

Pre requisite: VST 203
Co requisite: VST 202, VST 204L - Lab
Pre requisite: VST 203
Co requisite: VST 202, VST 204L - Lab
Credit: 2
Every Fall

VST 204L Veterinary Nursing I - Lab
Lab to VST 204
Co requisite: VST 204L - Lecture
Co requisite: VST 204L - Lecture
Credit: 1
Every Fall

VST 211 Veterinary Clinical Laboratory Techniques
Focus will be given to laboratory analysis of clinical specimens. In addition, students gain an appreciation for the manner in which diagnostic tests integrate with the entire diagnostic process. The course will focus on urology, clinical chemistry, clinical serology, digestive function tests, veterinary microbiology and parasitology.

Pre requisite: VST 202, VST 204VST 204L - Lab
Co requisite: VST 211L - Lab
Pre requisite: VST 202, VST 204
Co requisite: VST 211L - Lab
Credit: 2
Every Fall

VST 211L Veterinary Clinical Laboratory Techniques - Lab
VST 211L Veterinary Clinical Laboratory Techniques - Lab
Lab to VST 211 Lecture Laboratory sessions are concerned primarily with collection, storage, handling and analysis of blood, feces and other bodily secretions and excretions.

Pre requisite: VST 211 - Lecture
Credit: 1
Every Fall

VST 203 Anatomy and Physiology of Domestic Animals II
Basic principles of the structure and function of companion, food, laboratory and exotic animals are discussed in depth for each of the organ systems. Physiology is presented from both a biochemical and organismal point of view. The reproductive, endocrine, neurologic, immune and sensory systems will be covered during this second semester of the two-course sequence.

Pre requisite: VST 201 and 201 L
Co requisite: VST 203 and BIO 104
Pre requisite(s): VST 202, VST 203 and BIO 104
Credit: 3
Every Fall

VST 203L Anatomy and Physiology of Domestic Animals II - Lab
Lab to VST 203 Lecture
Co requisite: VST 203 - Lecture
Co requisite: VST 203 - Lecture
Credit: 1
Every Spring

VST 204 Veterinary Nursing I
Veterinary Nursing I is the first in a series of three veterinary nursing courses. Topics covered will include handling and restraint of dogs and cats, the application of patient and personal safety measures, record keeping, and signs and characteristics of common small animal diseases.

Pre requisite: VST 203
Co requisite: VST 202, VST 204L - Lab
Pre requisite: VST 203
Co requisite: VST 202, VST 204L - Lab
Credit: 2
Every Fall
VST 215 Veterinary Diseases and Parasitology
An introduction to the principles of basic parasitology with an emphasis on identification, classification, life history, prevention and control of the internal and external parasites of economic importance to the animal industry. Common veterinary diseases caused by parasites will be discussed.
Pre or co requisite: VST 202, VST 214/214L
Credits: 3

VST 215L Laboratory Animal/Non-traditional Pet
This course is designed to acquaint the student with the inadvisability of keeping some species or raising and treating non-traditional pets. Issues involved in animal bond will be explored as well.
Pre requisite of VST 214
Credits: 1 to 2
Annually

VST 234 Exotic Animals
This course is designed to acquaint the student with the wide variety of issues important to husbandry and nursing care for exotic animals. Matters of welfare, nutrition, medical care, and client education will be discussed in the context of the major species of exotic companion animals. Attention will be paid to the inadvisability of keeping some species or breeds as companions.
Pre requisite of VST 214/214L is required.
Credits: 3
On Occasion

VST 235 Rehabilitation and Wellness
The course builds on the students’ understanding of anatomy, physiology and biomechanics for the purpose of learning rehabilitative and wellness principles. Rehabilitative and preventative treatments of common orthopedic, cardiorespiratory and neurologic disorders of the patient as options for care will be discussed.
A pre requisite of VST 215 is required
A pre requisite of VST 215 is required.
On Occasion

VST 236 Special Topics in Veterinary Science
This course is meant for upper level students. It is a lecture/discussion class centered around a current topic of interest in the practice of veterinary medicine and science. The topic will necessarily change with each semester, based on current events. Sample topics may include One Health, corporate medicine, pandemics and animal health, or ethical considerations in everyday veterinary practice.
A pre requisite of VST 204 and Permission of Program Director is required.
A pre requisite of VST 204 and Permission of Program Director is required.
Credits: 1 to 2
Annually

VST 237 Animal Behavior
This course is designed to give the student an appreciation of the typical behaviors that will be encountered in working with a variety of animal breeds and species. While there are some commonalities, responses to both positive and negative events can be quite specific to an individual animal, and an understanding of the cues that companion or domestic animals provide for us to interpret a given response to the environment is critical to safe and effective interaction with them. The nature of the human-animal bond will be explored as well.
A pre requisite of VST 101 is required.
A pre requisite of VST 101 is required.
Credits: 3
Every Spring

VST 401 Laboratory Animal/Non-traditional Pet Technology
The course will focus on the topics of history of animal research, biology of laboratory animals, the choice of species, and the principles of reduce, refine, and replace. The course will cover principles of handling laboratory animals, anesthesia, analgesia and enrichment of their environment, evaluation and quality control of living spaces, health hazards, legislation, ethics and views in society. The course also provides an overview of the issues involved in keeping and treating non-traditional pets.
Pre requisite: VST 403, VST 212
Co requisite: VST 401L - Lab
Pre requisite: VST 214
Co requisite: VST 401L - Lab
Credits: 2
Every Fall

VST 402P Veterinary Externship II - Practicum
A three-course externship sequence provides the student with supervised applied training in a veterinary hospital/facility. This is the second course in the sequence. Students will experience a minimum of 185 hours of supervised clinical experience. In addition, there will be a one-hour class held on campus each week. Performance in the clinic will be formally evaluated twice a semester. The on-campus class will cover didactic material as well as reflections on clinical experiences. Registration in the course requires that the student purchase liability insurance. Students are required to provide their own transportation to off-campus field experiences.
A co requisite of VST 402 is required.
A co requisite of VST 402 is required.
Credits: 3
Every Fall

VST 403 Veterinary Nursing III
This third and final veterinary nursing course will build on the skills learned in the proceeding course. Prepares students for participation in two important areas of diagnostic technology. Cardiology instruction enables students to understand and participate in process of cardiovascular evaluation; emphasis on electrocardiography. Radiology instruction imparts knowledge of X-ray machinery and use, film processing, patient positioning and safety. The surgical veterinary nursing instruction prepares students to monitor veterinary patient throughout all aspects of anesthesia and surgery. The psychomotor skills will then be applied on externship.
Patient monitoring, presurgical assessment, and forms and levels of anesthesia are covered. Students will maintain and operate monitoring equipment, surgical instruments, and autoclave. Specific emphasis on patient positioning for radiography, cardiology signs and
diagnosis, surgical assisting, preparation of surgical packs, bandaging (on models), and principles of anesthetic monitoring. Continued practice of restraint and handling, phlebotomy and catheter placement (on models).

Pre requisite: VST 215
Co requisite: VST 403 L - Lab
Pre requisite: VST 215
Co requisite: VST 403 L - Lab
Credits: 3
Every Spring

VST 403L Veterinary Nursing III - Lab
Lab to VST 403 Lecture
Co requisite: VST 403
Co requisite: VST 403
Credits: 1
Every Fall

VST 404 Veterinary Dentistry and Nutrition
This course is intended for upper level students to enhance nursing care skills and to provide a fund of knowledge for client counseling regarding nutritional requirements and dental health. Given the broad range of disease states (including obesity) in which proper nutrition plays an important role in treatment, understanding its nature and how it interacts with health needs in a variety of species is crucial. Dental disease is a leading cause of health problems in domestic and companion animals, and the technician plays a prominent role in provision of care. Knowledge of dental instruments, scaling and cleaning (on models) and recording data are presented. There will be one off-campus wet lab to complete dental essential skills.
A pre requisite of VST 403 is required.
A pre requisite of VST 403 is required.
Credits: 2
Every Spring

VST 405 Veterinary Externship III
Students will experience a minimum of 185 hours of supervised clinical experience. Through this supervised applied training, the student will develop his/her skills as a veterinary technologist. Performance in the clinic will be formally evaluated twice a semester. Registration in the course requires that the student purchase liability insurance. Students are required to provide their own transportation to off-campus field experiences.
A co requisite of VST 405 is required.
A co requisite of VST 405 is required.
Credits: 4
Every Spring

VST 406 Veterinary Capstone Course
A forum for graduating Veterinary Technology Program majors to synthesize and display the knowledge expected after completing all core courses in the program. Emphasis will be placed on group projects, oral presentation of aspects of clinical practice, and preparation for the national professional licensing examination (VTNE).
A co requisite of VST 405 is required.
A co requisite of VST 405 is required.
Credits: 2
Every Spring

VST 405P Veterinary Externship III - Practicum
Students will experience a minimum of 185 hours of supervised clinical experience. Through this supervised applied training, the student will develop his/her skills as a veterinary technologist. Performance in the clinic will be formally evaluated twice a semester. Registration in the course requires that the student purchase liability insurance. Students are required to provide their own transportation to off-campus field experiences.
A co requisite of VST 405 is required.
A co requisite of VST 405 is required.
Credits: 4
Every Spring

VST 406 Veterinary Capstone Course
A forum for graduating Veterinary Technology Program majors to synthesize and display the knowledge expected after completing all core courses in the program. Emphasis will be placed on group projects, oral presentation of aspects of clinical practice, and preparation for the national professional licensing examination (VTNE).
A co requisite of VST 405 is required.
A co requisite of VST 405 is required.
Credits: 2
Every Spring
Grievance Policy

Undergraduate and Graduate Student Academic Grievance Procedure

The School of Health Professions and Nursing (herein “SHPN”) strives to provide every student with a rewarding educational experience. If any SHPN undergraduate or graduate student wishes to submit a grievance concerning an academic matter, they have the right to do so and must follow their department grievance policy first before proceeding to this policy. Appeals must be submitted in writing by the fourth week of the next regular semester (fall or spring) following the academic matter: a student appealing a grade received in spring or summer semesters will have until the fourth week of classes in the subsequent fall semester to submit the written appeal and a student appealing an academic matter from the fall or winter semesters will have until the fourth week of the spring semester to submit the written appeal. Academic matters include a re-evaluation of a grade given on an individual assignment or for a course and dismissal from a program in the SHPN, among other matters.

It is presumed that academic decisions by instructors/faculty members result from the consistent, fair, and equitable application of clearly articulated standards and procedures. Students appealing such decisions to the Dean or Vice President for Academic Affairs must demonstrate that the standards and procedures were not clearly articulated or applied in a consistent, fair, and equitable manner. The burden of proof of an appeal is on the student.

A student who wishes to submit a grievance shall utilize the following procedures:

1. The student must first make an effort to resolve the matter with the course instructor/faculty member. The student must contact the instructor/faculty member in writing within ten (10) business days of the grievance issue. The instructor/faculty member will schedule a time to meet with the student to discuss the grievance within five (5) business days of being contacted. If there is no resolution, the student may file a formal, written grievance using the SHPN Grievance Form with the Chair/Program Director of the department within ten (10) business days after meeting with the instructor/faculty member. It is the student’s responsibility to provide specific evidence to support their grievance.

2. The Chair/Program Director will schedule a time to meet with the student within five (5) business days of receipt of the student’s formal written grievance. At this time, the Chair/Director may consult other members of the 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 their findings within ten (10) business days of the meeting with the student.

3. A student may appeal the decision of a Chair/ Director to the Dean of the SHPN within ten (10) business days of the issuance of the Chair/ Director’s decision. The student must submit a formal, written appeal to the Dean using the SHPN Grievance Appeal Request Form indicating the basis of the appeal and all methods used to date to resolve the grievance. It is the student’s responsibility to provide specific evidence to support their appeal.

4. The Dean will review the matter and, if they determine the appeal has merit, will refer the matter to the SHPN Academic Standing Committee. A meeting of the SHPN Academic Standing Committee will be convened within ten (10) business days of receipt of the referral.

5. The SHPN Academic Standing Committee will hear statements from both the student and instructor/faculty member and Chair/ Director and will consider all evidence submitted regarding the grievance.

   - The hearing will have all parties present.
   - The hearing will be recorded.
   - The student will present their appeal including justifications, circumstances, and any other relevant information for consideration.
   - The instructor/faculty will present the circumstances and evidence leading to the decision being appealed.
   - The student and instructor will NOT engage in the debate of the circumstances with each other but will answer questions posed by the committee for clarification.
   - Upon completion of the presentations and any questions by the committee, the student and instructor/faculty will be excused.
   - The SHPN Academic Standing Committee will discuss the facts of the appeal and reach a consensus on a recommendation to the Dean.

6. The SHPN Academic Standing Committee will make a recommendation to the Dean within five (5) business days of its meeting.

7. The student will be notified by the Dean, in writing, of the decision within ten (10) business days of the Dean receiving the recommendation from the SHPN Academic Standing Committee.

8. The Dean’s decision is the final decision-making body within the SHPN before an appeal to the Vice President for Academic Affairs.
### APPROVED PROGRAMS

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 Arts & Design

#### SCHOOL OF PERFORMING ARTS

<table>
<thead>
<tr>
<th>Major</th>
<th>HEGIS Code</th>
<th>Degree</th>
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<tbody>
<tr>
<td>Music</td>
<td>1004</td>
<td>BS</td>
</tr>
<tr>
<td>Music Education</td>
<td>0832</td>
<td>BM</td>
</tr>
<tr>
<td>Music Technology, Entrepreneurship &amp; Technology</td>
<td>1099</td>
<td>BFA</td>
</tr>
<tr>
<td>Theatre Arts</td>
<td>1007</td>
<td>BA, BFA</td>
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#### SCHOOL OF VISUAL ARTS

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<thead>
<tr>
<th>Major</th>
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<tbody>
<tr>
<td>Art</td>
<td>1002</td>
<td>BFA</td>
</tr>
<tr>
<td>Clinical Art Therapy &amp; Counseling</td>
<td>1099</td>
<td>MA</td>
</tr>
<tr>
<td>Digital Arts and Design</td>
<td>1002</td>
<td>BFA</td>
</tr>
<tr>
<td>Digital Game Design &amp; Development</td>
<td>1099</td>
<td>BFA</td>
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#### SCHOOL OF FILM AND DIGITAL MEDIA

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<tr>
<th>Major</th>
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<tr>
<td>Broadcasting</td>
<td>0605</td>
<td>BFA</td>
</tr>
<tr>
<td>Film</td>
<td>1010</td>
<td>BFA</td>
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### College of Education, Information and Technology

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<tr>
<th>Major</th>
<th>HEGIS Code</th>
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<tbody>
<tr>
<td>Adolescence Education (Grades 7-12)</td>
<td>0803</td>
<td>MS</td>
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<tr>
<td>Adolescence Education: Biology</td>
<td></td>
<td>MS</td>
</tr>
<tr>
<td>Adolescence Education: English and SWD Grades 7-12 (dual initial certification)</td>
<td>1501.01</td>
<td>BS</td>
</tr>
<tr>
<td>Adolescence Education: Mathematics</td>
<td>1701.01</td>
<td>BS</td>
</tr>
<tr>
<td>Adolescence Education: Mathematics and SWD Grades 7-12 (dual initial certification)</td>
<td>1701.01</td>
<td>BS</td>
</tr>
<tr>
<td>Adolescence Education: Social Studies and SWD Grades 7-12 (dual initial certification)</td>
<td>2201.01</td>
<td>BS</td>
</tr>
<tr>
<td>Childhood Education and Early Childhood Education (dual initial certification)</td>
<td>0802</td>
<td>BS</td>
</tr>
<tr>
<td>Childhood Education and Special Education (dual initial certification)</td>
<td>0802</td>
<td>BS</td>
</tr>
<tr>
<td>Childhood Education and Special Education (dual certification)</td>
<td>0802/0808</td>
<td>MS</td>
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<tr>
<td>Early Childhood Education and Childhood Education (dual certification)</td>
<td>0823</td>
<td>MS</td>
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<tr>
<td>Early Childhood Education and Special Education Birth-Grade 2 (dual initial certification)</td>
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<td>BS</td>
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<tr>
<td>Educational Technology</td>
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<td>MS</td>
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<tr>
<td>Health Education and Physical Education</td>
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<tr>
<td>Information Studies</td>
<td>0702</td>
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<tr>
<td>Library &amp; Information Science</td>
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<tr>
<td>Library &amp; Information Science / Subject Specialty (dual degrees with NYU)</td>
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<td>MS / MA</td>
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### College of Liberal Arts

#### SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

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<tbody>
<tr>
<td>English</td>
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<tr>
<td>Political Science</td>
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#### POLK SCHOOL OF COMMUNICATION

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<tr>
<td>Communications</td>
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<tr>
<td>Journalism</td>
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### College of Science

#### SCHOOL OF NATURAL AND LIFE SCIENCES

<table>
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<tr>
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<tr>
<td>Forensic Science</td>
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<tr>
<td>Genetic Counseling</td>
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<tr>
<td>Mathematics</td>
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#### SCHOOL OF ENGINEERING, COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE

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<tr>
<th>Major</th>
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<tbody>
<tr>
<td>Artificial Intelligence</td>
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<tr>
<td>Computer Science</td>
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### Roosevelt School

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<tr>
<th>Major</th>
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<tr>
<td>International Relations and Diplomacy</td>
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### College of Management

#### SCHOOL OF BUSINESS

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<tr>
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<tr>
<td>Business Administration</td>
<td>0506</td>
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<tr>
<td>Finance</td>
<td>0504</td>
<td>BS</td>
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<tr>
<td>Marketing (Branding and Licensing, Digital Marketing)</td>
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#### SCHOOL OF PROFESSIONAL ACCOUNTANCY

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<tr>
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#### SCHOOL OF ENTREPRENEURSHIP AND INNOVATION

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<td>Major</td>
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<tr>
<td>Criminal Justice</td>
<td>2105</td>
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<tr>
<td>Data Analytics</td>
<td>0703</td>
<td>BS</td>
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<tr>
<td>Data Analytics &amp; Strategic Business Intell</td>
<td>0703</td>
<td>MS</td>
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<tr>
<td>Economics</td>
<td>2204</td>
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<tr>
<td>Fashion Merchandising</td>
<td>0509</td>
<td>BS</td>
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<tr>
<td>Sports Management</td>
<td>0599</td>
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**School of Health Professions and Nursing**

<table>
<thead>
<tr>
<th>Major</th>
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<tbody>
<tr>
<td>Behavior Analysis</td>
<td>2099</td>
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<tr>
<td>Biomedical Science: Clinical Lab Science - Generalist</td>
<td>1299</td>
<td>BS</td>
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<tr>
<td>Biomedical Sciences</td>
<td>1299</td>
<td>MS</td>
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<tr>
<td>Clinical Laboratory Science</td>
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<tr>
<td>Clinical Psychology</td>
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<tr>
<td>Dietetics (Dietetic Internship)</td>
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<td>Family Nurse Practitioner</td>
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<td>Health Administration</td>
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<td>Health Care Administration</td>
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<td>Nursing</td>
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<tr>
<td>Nutrition</td>
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<td>Radiologic Technology</td>
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<tr>
<td>Registered Dietician Nutritionist</td>
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<tr>
<td>Psychology</td>
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<tr>
<td>Social Work</td>
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<tr>
<td>Speech-Language Pathology and Audiology</td>
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<tr>
<td>Speech-Language Pathology</td>
<td>1220</td>
<td>MA</td>
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<tr>
<td>Veterinary Technology</td>
<td>0104.0</td>
<td>BS</td>
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Ph.D., Massachusetts Institute of Technology

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M.A., Brooklyn College, CUNY;
M.A., The Graduate Center, CUNY;
Ed.D., Teachers College, Columbia University

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M.A., Empire State College, SUNY

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PhD, University of Oviedo, Spain
M.S., University of Oviedo, Spain
BCBAD-D, Spain

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EdD Columbia University

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M.A. Columbia University;
M.F.A. University of Iowa

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M.B.A., Isk University (Turkey);
Ph.D., LIU Post

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Tong Bao
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M.S., Simon Fraser University (Canada);
Ph.D., Johnson Graduate School of Management, Cornell University

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M.S.N.D.N.P. Grand Canyon University

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M.A., M.Phil., Ph.D., Columbia University

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M.S.L.I.S., M.S., LIU Post

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M.B.A., Texas State University;
Ph.D., Florida State University

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Ph.D., University of California at Irvine

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M.A., Ph.D., Stanford University

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B.S. University of Rochester
M.S. – F.N.P. Long Island University

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M.A., Teachers College, Columbia University;
M.S., Psy.D., Hofstra University

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M.S., Ph.D., New York Medical College;
MT (ASCP)

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B.S., SUNY Stony Brook;
M.S., Molloy College;
Ph.D., Adelphi University

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B.A., Brandeis University;
Ph.D., Clark University

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Ph.D., National Chengchi University (Taiwan);
Ph.D., George Washington University

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Ph.D., University of Illinois at Urbana-Champaign

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M.L.I.S., McGill University;
Ph.D., Drexel University

Marco Codebò
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Ph.D., University of California at Santa Barbara

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B.S., New Paltz, SUNY;
M.S., Johns Hopkins University;
Ph.D., Fordham University

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B.F.A., New York Institute of Technology;
M.A., New York University

Catherine Crowley
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B.S., University of Massachusetts;
M.S., University of Massachusetts;
Ph.D., Adelphi University

Manoj Dalvi
Professor of Finance
B.Com., Sydeham College, University of Bombay;
J.D., Government Law College, University of Bombay (India);
L.L.M., Harvard Law School;
Ph.D., Columbia University

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Assistant Professor of Nursing
B.S., M.S.N., Ph.D., Molloy College;
R.N., PNP-BC

Richard Del Rosso
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B.F.A., M.A., LIU Post

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B.A., Cathedral College/Seminary of the Immaculate Conception
M.S., Long Island University
Ed.D., Teachers College, Columbia University

Jay Diehl
Associate Professor of History
B.A., Illinois Wesleyan University;
M.A., University of Chicago;
Ph.D., New York University

Marc J. Diener
Professor of Psychology
B.A., Yeshiva University
M.A., Ph.D., Adelphi University

Joan Digby
Professor Emeritus of English
B.A., New York University;
M.A., University of Delaware;
Ph.D., New York University

Arnold Dodge
Associate Professor of Educational Leadership, Technology and Administration
B.A., Stony Brook, SUNY;
M.S., LIU Post;
Ph.D., New York University

Robert Domingo
Associate Professor of Communication Sciences & Disorders
B.A., Plattsburgh, SUNY;
M.S., Adelphi University;
M.Phil., Ph.D., The Graduate School, CUNY

Michele M. Dornisch
Professor of Teaching and Learning
B.A., Lock Haven University;
M.A., West Virginia University;
Ph.D., Pennsylvania State University

Theresa Drucker
Assistant Professor of Nursing
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M.S.N. Liberty University;
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<table>
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<tr>
<th>Name</th>
<th>Title and Affiliations</th>
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<tr>
<td>Professor of Mathematics</td>
<td>B.A., New York University; Ph.D., Massachusetts Institute of Technology</td>
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<td>John Lutz</td>
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<td>B.A., M.A., LIU Post; Ph.D., Stony Brook, SUNY</td>
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<td>Nicole Magaldi</td>
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<td>Peter Magri</td>
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<td>Christopher Malinowski</td>
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<td>Linnea Mavrides</td>
<td>Associate Professor of Psychology</td>
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<td>Amy McGorry</td>
<td>Professor of Physical Therapy</td>
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<td>James W. McCroy</td>
<td>Professor of Music</td>
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<td>B.A., M.S., Aaron Copland School of Music, Queens College, CUNY; D.A., Ball State University</td>
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<td>Debra McWilliams</td>
<td>Assistant Professor of Nursing</td>
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<td>Karin A. Melkonian</td>
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<td>Lucy Mensah</td>
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<td>Panos Mourdoukutas</td>
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<td>Muhammad Musil</td>
<td>Professor of Political Science</td>
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<td>M.A., American University of Beirut; M.Phil., Ph.D., Columbia University</td>
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<td>Reda Naclif Alaoui</td>
<td>Assistant Professor of Artificial Intelligence</td>
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<td>B.Sc., International University of Rabat (Morocco); M.S., Ph.D., Mississippi University</td>
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<tr>
<td>Patricia Nadraus</td>
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<tr>
<td>Lori Newman</td>
<td>Assistant Clinic Director, Lodge Speech and Hearing Center</td>
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<td>B.A., Saint Joseph's College; M.A. Saint John's University</td>
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<td>Terence O'Daly</td>
<td>Associate Professor of Design</td>
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<td>B.F.A., LIU Southampton; M.A., New York Institute of Technology</td>
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<td>Karen Ogulinick</td>
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<td>B.S., Plattsburgh, SUNY; M.A., Hunter College, CUNY; Ph.D., New York University</td>
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<td>Frank Olt</td>
<td>Professor of Art</td>
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<td>Camilo Ortiz</td>
<td>Associate Professor of Psychology</td>
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<td>B.S., Cornell University; M.A., Ph.D., University of Massachusetts at Amherst</td>
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<td>Dennis A. Puhl</td>
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</tbody>
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<tr>
<td>Name</td>
<td>Title</td>
<td>Education and Experience</td>
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