

LIU Post
2017 - 2018
Undergraduate Bulletin



LIU Post

2017 - 2018 Undergraduate Bulletin

720 Northern Blvd, Brookville, New York 11548

General Information: 516-299-2000

www.liu.edu/post

Admissions: 516-299-2900

Email: post-enroll@liu.edu

Notice to Students: The information in this publication is accurate as of September 1, 2017. However, circumstances may require that a given course be withdrawn or alternate offerings be made. Therefore, LIU reserves the right to amend the courses described herein and cannot guarantee enrollment into any specific course section. All applicants are reminded that the University is subject to policies promulgated by its Board of Trustees, as well as New York State and federal regulation. The University therefore reserves the right to effect changes in the curriculum, administration, tuition and fees, academic schedule, program offerings and other phases of school activity, at any time, without prior notice.

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

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LIU

Accreditation and Program Registration

Long Island University is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104; 267-284-5000; website: www.msche.org. The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and by the Council for Higher Education Accreditation. The degree and certificate programs are approved and registered by the New York State Department of Education.

ABOUT LIU POST

Mission Statement

LIU Post is dedicated to meeting the needs and expanding the horizons of all its students, whether in the arts and sciences or in professional programs. LIU Post is committed to providing highly individualized educational experiences in every department and program, from the freshman year through advanced doctoral researches. The emphasis on the student learner is evident in the faculty's devotion to personal attention and innovative teaching methods; the intensive LIU Promise advisement system; and the University's leadership in the field of engaged learning through cooperative education, internships, community service, study-abroad programs, research projects and artistic performance. Students benefit from the multi-campus resources of one of the nation's largest private universities and from the unparalleled cultural and professional resources of New York City and Long Island. LIU Post students develop strong critical and expressive abilities, a sense of civic responsibility, and a mature understanding of the ideas, events and forces shaping the modern world.

Overview

Twenty-five miles east of New York City on Long Island's historic Gold Coast, LIU Post is a leader in cultivating an entrepreneurial spirit. LIU Post's campus is built on the estate of Marjorie Merriweather Post, daughter of breakfast cereal creator Charles William Post and the architect of the Post company's growth into General Foods. The Posts embodied ingenuity, determination, and courage – qualities that are living inspirations for the University's faculty and students. Academic units include: the LIU Post Honors College, the College of Education, Information and Technology and its Palmer School of Library and Information Science; the College of Liberal Arts and Sciences; the School of Business, School of Professional Accountancy, and the School of Computer Science, Innovation, and Management Engineering (together comprising the College of Management); the School of Health Professions and Nursing; and the College of Arts, Communications and Design.

LIU Post provides a rich variety of on-campus cultural events, with more than 1,000 events each year. These include plays and recitals, symphonies, dance performances, and rock and pop concerts by the world's leading artists as well as art exhibits, lectures and conferences. The scenic, scholarly campus is home to the renowned Tilles Center for the Performing Arts, the Steinberg Museum of Art at Hillwood Commons, television station PTV, and radio station WCWP.

LIU Post offers more than 200 undergraduate, graduate, doctoral, and certificate programs taught

by world-class faculty. LIU Post also offers students access to student-run businesses, a high-tech incubator to launch their own startups, and real-world experiential learning opportunities.

LIU Post is recognized as one of the nation's most beautiful academic settings, with sprawling green lawns, horse trails, and elegant red-brick academic buildings. The vibrant campus life includes residence halls for more than 1,600 students. The campus' award-winning cooperative education program is nationally renowned for its extensive career services.

Twenty-three NCAA Division II men's and women's sports teams take advantage of LIU Post's 70 acres of playing fields, including the new Bethpage Federal Credit Union Stadium, and their success has made LIU Post the top-ranked Division II athletic program in the East. Campus life includes a wide range of clubs and performing groups, a robust Greek life, and many other student activities. LIU Post's \$18-million Pratt Fitness and Recreation Center is a state-of-the-art health and fitness facility featuring an eight-lane swimming pool, three full-size basketball courts, racquetball courts, and an elevated jogging track.

Dining facilities and food service areas are available in several locations: The Arnold S. Winnick Student Center, located in the Residence Hall Quadrangle, contains a cafeteria and a banquet hall called the Gold Coast Room; Hillwood Commons offers a full-service cafeteria, as well as a Subway, End Zone, Twisted Taco and a Treat Shoppe. Other facilities include Bleecker Street, the Doll House, Pratt Smoothies and the Pioneer Wagon.

Faculty

LIU Post is a teaching institution, and classroom instruction is its priority. Distinguished faculty members and world-class visiting professors educate LIU Post students. Approximately 90 percent of full-time faculty members hold the highest degree available in their field. The faculty also includes accomplished scholars and artists. LIU encourages and supports research and publication by faculty members.

University Policies

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

Ronald Edwards

Title IX Coordinator
Long Island University
700 Northern Boulevard
Brookville, New York 11548
Phone: (516) 299-4236

For further information on notice of non-discrimination, visit
<https://wdcrobc01.ed.gov/CFAPPS/OCR/conta>

ctus.cfm for the address and phone number of the office that serves your area, or call 1-800-421-3481.

DIRECTORY

Department Name	Phone	Office Hours	E-Mail	Website
Admissions - Undergraduate	516-299-2900	9 am to 7 pm; Mon - Thurs 9 am to 5 pm; Fri	post-enroll@liu.edu	www.liu.edu/post/admission
Campus Life • Living on Campus • Student Programming and Involvement • International Student Programming • Community Service	516-299-3594	9 am to 7 pm; Mon-Thurs 9 am to 5 pm; Fri	post-campuslife@liu.edu	www.liu.edu/campuslife
Colleges and Schools				
College of Arts, Communication and Design	516-299-2395	9 am to 5 pm; Mon - Fri	post-SVPA@liu.edu	www.liu.edu/post/CACD
College of Education, Information & Technology • Palmer School of Library and Information Science	516-299-2210	9 am to 5 pm; Mon - Fri	post-CEIT@liu.edu	www.liu.edu/post/CEIT
College of Liberal Arts & Sciences	516-299-2233	9 am to 5 pm; Mon - Fri	post-CLAS@liu.edu	www.liu.edu/post/CLAS
College of Management • School of Business • School of Computer Science, Innovation, and Management Engineering • School of Professional Accountancy	516-299-3017	9am to 5 pm; Mon - Fri	post-COM@liu.edu	www.liu.edu/post/COM
Honors College	516-299-2840	9 am to 5 pm; Mon - Fri	jdigby@liu.edu tchristy@liu.edu	www.liu.edu/post/honors
School of Health Professions & Nursing	516-299-2485	9 am to 5 pm; Mon - Fri	post-SHPN@liu.edu	www.liu.edu/post/SHPN
School of Professional and Continuing Education	516-299-2236	Post Hall, Room C1 9 am to 5 pm; Fridays	post-CE@liu.edu	www.liu.edu/post/CE
Dean of Students	516-299-3085	9 am to 5 pm; Mon - Fri	post-DOS@liu.edu	www.liu.edu/campuslife
Enrollment Services • Financial Services • Registration • Academic Advising • Payments	516-299-2323 516-299-2746	Kumble Hall 9 am to 7 pm; Mon - Thurs 9 am to 5 pm; Fri	post- EnrollmentServices@liu.edu	www.liu.edu/post/es
Facilities Services	516-299-2277	8 am to 5 pm; Mon - Fri		
Healthy Living	516-299-3468	9 am to 5 pm; Mon - Fri	post-healthyliving@liu.edu	www.liu.edu/campuslife
Interfaith Center	516-299-2416		post-campuslife@liu.edu	www.liu.edu/campuslife
International Student Services	516-299-1452		post-international@liu.edu	www.liu.edu/post/international
Learning Support Center	516-299-3057	8 am to 6 pm; Mon - Tues 8 am to 5 pm; Wed - Thurs 9 am to 5 pm; Fri	post-learningsupport@liu.edu	www.liu.edu/learningsupport
Library	516-299-2305	Vary by Semester Please Check Website	post-Ref@liu.edu	www.liu.edu/post/library
Pratt Fitness and Recreation Center	516-299-3608	Check Website		www.liu.edu/post/pratt
Promise	516-299-3737	9 am to 7 pm; Mon-Thurs 9 am to 5 pm; Fri 9 am to 2 pm; Sat	liupromise@liu.edu	www.liu.edu/post/promise

LIU Post

Public Safety	516-299-2222 - emergencies 516-299-2214 - non-emergencies	9 am to 5 pm; Mon - Fri Emergencies - 24/7	post-PublicSafety@liu.edu	www.liu.edu/post/publicsafety
Technology Help Desk	516-299-3300	9 am to 5 pm; Mon - Fri	it@liu.edu	http://it.liu.edu
Tilles Center	Box Office: 516-299-3100	Box Office 1 pm to 6 pm; Mon - Sat	tillescenter@liu.edu	www.tillescenter.org
Veteran & Military Affairs	516-299-2256	9 am to 5 pm; Mon - Fri	post-veterans@liu.edu	www.liu.edu/post/veterans

ACADEMIC CALENDAR 2017-2018

Fall 2017

Classes Begin	September 6
Add/Drop and Late Registration (instructor permission required to add Lab Science courses as of 9/13)	September 6 - 19
Award of September Degrees	September 15
Columbus Day - Administrative Offices Open - No Classes	October 9
Registration Begins for Spring 2018 (tentative date)	October 9
Last Day to File for January 2018 Degree	October 20
Election Day-classes in session	7-Nov
Last Day to Opt P/F or Withdraw from full-semester course(s)	November 10
Thanksgiving Recess - No Classes	November 22 - 26
Last Day of Regular Classes	December 11
Study/Snow Days/Alternate Class Days	December 12 -13
Final Examination/Final Class Meetings	December 14 - 20
Final Exam Make-Up Day (in the event of snow closure)	December 21
Term Ends	December 21
Conferral of January Degrees	January 19

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

Winter 2018

Classes Begin	January 2
Add/Drop and Late Registration	January 2
MLK Day - Administrative Offices Open; NO CLASSES	January 15
Classes End	January 16

Spring 2018

Classes Begin	January 22
Add/Drop and Late Registration (instructor permission required to add Lab Science courses as of 1/30)	January 22 - Feb.2
Last Day to File for May 2018 Degree	February 9
Presidents' Day - No Classes	February 19
Registration Begins for Summer 2018 (tentative)	March 5
Spring Recess - No Classes	March 12 - 16
Registration Begins for Fall 2018(tentative)	March 19
Last Day to Opt P/F or Withdraw from full-semester course(s)	April 6

Last Day of Regular Classes	April 30
Study/Snow Days/Alternate Class Days	May 1 - 2
Final Examinations/Final Class Meetings	May 3 - 9
Commencement (tentative)	May 11
Conferral of May Degrees	May 18

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

Summer 2018

SUMMER SESSION I

Classes Begin	May 21
5 week Session May 21 - June 22	Add/Drop and Late Registration for 5 Week Session
10 week Session May 21 - July 27	Add/Drop and Late Registration for 10 and 12 Week Session
12 week Session May 21 - August 10	Memorial Day Holiday - No Classes (Make-up day - May 29)
May 21 - 22	Make Up Day for Memorial Day
May 21 - May 27	Last Day to Opt P/F or Withdraw for Five Week Session*
May 28	Summer I Five Week Session Ends
June 1	
June 15	

SUMMER SESSION II

Classes Begin - 2nd 5 Week Session	June 25
Add/Drop and Late Registration	June 25 - 26
Independence Day Holiday - No Classes (Make up July 7)	July 4
Make Up Day for Independence Day	July 6
Last Day to file for September 2018 Degree	July 6
Last Day to Opt P/F or Withdraw Five Week Session*	July 20
Ten Week Session Ends	July 27
Summer II Five Week Session Ends	July 27

SUMMER SESSION III

Classes Begin - 3rd 5 Week Session	July 30
Add/Drop and Late Registration	July 30 - 31
Twelve Week Session Ends	August 10
Last Day to Opt P/F or Withdraw Five Week Session*	August 24
Summer III Five Week Session Ends	August 24

*Last day to withdraw from a class or elect Pass/Fail option is:

5 week session: One week prior to end of session

10 week session: Two weeks prior to end of session

*Last day to withdraw from a class or elect Pass/Fail option is:

5 week session: One week prior to end of session

10 week session: Two weeks prior to end of session

Weekend College 2017-2018

SESSION I, FALL 2017

A: 1st Sat. Seven Week Session	September 9 - October 21
C:	September 9 -10; Sept 30 - October 1; October 21 - 22
C - Off Campus:	September 16- 17; October 7 - 8; October 28 - 29
G: 1st Sunday Seven Week Session	September 10 - October 22

SESSION II, FALL 2017-2018

A: 2nd Sat. Seven Week Session	November 4- January 6 (no class Nov.25/Dec 23/Dec 30)
C:	November 4 - 5; December 2 - 3 January 6 - 7
C - Off Campus:	November 11 - 12; December 9 - 10; January 13 - 14
G: 2nd Sunday Seven Week Session	November 5- January 7 (no class Nov.26/Dec 24/Dec 31)

SESSION III, SPRING 2018

A: 1st Sat. Seven Week Session	January 27- March 10
C:	January 27- 28; February 17 - 18; March 10 - 11
C - Off Campus:	February 3 - 4; February 24 - 24; March 17 - 18
G: 1st Sunday Seven Week Session	January 28 - March 11

SESSION IV, SPRING 2018

A: 2nd Sat. Seven Week Session	March 24 - May 5
C:	March 24 - 25; April 14 -15; May 5 - 6
C - Off Campus:	March 31 - April 1; April 21 - 22; May 12 - 13
G: 2nd Sunday Seven Week Session	March 25 - May 6

SESSION V, SUMMER 2018

A: Seven Week Session	June 30 - August 11
C:	June 30 -July 1; July 28 - 29; August 18 - 19
C - Off Campus:	July 7 - 8; August 4 - 5; August 25 - 26
G:	July 1 - August 12

ADMISSION

Requests for an admission application and related correspondence concerning admission should be directed to:

Office of Admissions
LIU Post
720 Northern Boulevard
Brookville, New York 11548-1300
Telephone: 516-299-2900
Online application: www.liu.edu/post/apply
Email: post-enroll@liu.edu
Website: www.liu.edu/post/admissions

General Information

The Office of Admissions invites applications from motivated candidates dedicated to participating in and learning from the many educational opportunities available at LIU Post. Through the application review process, the Admissions Committee seeks evidence that applicants are academically and intellectually prepared to pursue college-level work.

Each freshman applicant is considered individually through a careful review process of transcript, grades, curriculum, and standardized test scores for general admission.

Freshman admitted students are required to provide proof of successful completion of high school or its equivalent prior to the first day of classes. Applicants are expected to have completed the following minimum academic requirements while in high school:

Subject	Credits
English	4
Social Studies	4
Mathematics	3
Laboratory Science	3
Foreign Language	2
Total	16

Freshman applicants who have not completed a traditional secondary school program may submit GED (General Equivalency Diploma) scores and a copy of the diploma for admission consideration. Applicants who enroll in college courses prior to completing high school are subject to the above-mentioned requirements.

Freshman candidates 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. Non-degree option (for a student not enrolled in a degree program) is available to visiting students.

Notification of Application

Status

All students are notified promptly of the receipt of their applications and are advised which, if any,

of their credentials have not been received by the Office of Admissions. After all required credentials are received, the applications are reviewed, and the applicants are advised of their status, which will be one of the following:

1. **Acceptance:** For students whose credentials meet admissions standards of LIU Post and for whom a place is available.
2. **Pending:** For students who have to submit additional information before a decision can be made.
3. **Wait List:** For students to whom admission may be offered at a later time when a place becomes available.
4. **Denial:** For students whose admission cannot be approved.

When a candidate has been offered admission, he or she is encouraged to accept the offer as soon as possible, particularly if scholarships have been offered or on-campus housing accommodations are required. An applicant is asked to notify LIU Post of acceptance of an offer of admission by returning a nonrefundable tuition deposit of \$200. The deposit deadline is May 1 or two weeks from date of acceptance, whichever is later.

Freshman Admission

Application and Notification Dates

To be considered for Early Action admission, applications and all supporting documentation must be submitted on or before December 1. Early Action notification begins on December 15 for fall 2018 admission.

The Office of Admissions accepts and reviews applications on a rolling basis, allowing candidates to submit applications at any time during the cycle.

To ensure consideration for all available departmental and merit-based scholarships and on-campus housing opportunities, it is strongly suggested that applications be submitted by December 1 for fall admission and by October 1 for spring admission.

Application Process

In order to be considered for admission, candidates should submit the following:

1. LIU Post undergraduate application or Common Application.
2. Non-refundable application fee in the amount of \$200 (check/money order payable to Long Island University).
3. High school transcript: Applicants must have official secondary school transcripts on file.
4. SAT or ACT Test Scores: Applicants must take either the College Board SAT or the American College Testing Program ACT exam, and have the scores forwarded directly to the LIU Post Office of Admissions. SAT: LIU Code 2070. ACT: LIU Code 2687. Information about these exams is available through the high school guidance office or by contacting the testing programs directly:

College Board SAT Program
P.O. Box 7502
London, Kentucky 40742-7502
www.collegeboard.com

American College Testing Program (ACT)
2727 Scott Boulevard, minizip 46
Iowa City, Iowa 52243-0414
www.act.org

5. Personal statement on any topic.
6. Teacher recommendation: one teacher or guidance counselor letter of recommendation is required.

Application materials may be mailed to:
Admissions Processing Center
15 Dan Road, Ste. 102
Canton, MA 02021

Early Admission Program

Highly qualified, academically motivated and mature high school juniors who wish to accelerate their education may apply to LIU Post through the Early Admission Program. Early admission students are considered as full-time matriculated students who register for full academic programs and are subject to all requirements of enrolled LIU Post students.

Early admission students are carefully reviewed by the Admissions Committee on an individual basis. The following general criteria are considered in assessing candidates for early admission:

1. Superior scholastic achievement as indicated by high school records and junior year SAT or ACT scores.
2. Seriousness of purpose and readiness for the college experience.
3. Teacher and counselor letters of recommendation.

Interested students must have approval from their high school principal to participate before contacting the Director of Freshman Admissions in the Office of Admissions, 516-299-2900, for an application and further information.

Advanced Standing

International Baccalaureate Program (IB) Credit

LIU Post awards six to eight college credits for each score of 4 or higher on I.B. Higher Level examinations.

Advanced Placement (AP) Credit

Advanced Placement credit is awarded to entering students who meet required scores in an Advanced Placement Examination of the College Board. The number of credits and course equivalents, as determined by LIU Post faculty, varies according to subject area.

College Level Examination Program (CLEP)

LIU Post awards introductory level college credit to students who achieve required scores on approved CLEP examinations. Credits earned for foreign language exams may be used for elective credit only.

Test scores should be forwarded to LIU Post Office of Admissions. For more information about advanced standing credits, contact LIU Post Office of Admissions at 516-299-2900.

High School Scholars Program

The High School Scholars Program is a cooperative program between LIU Post 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 the secondary school. Upon completion of the senior year in high school, students may apply to continue their degree study at any campus of LIU.

For further information, please contact the High School Scholars Office at 516-299-2211, or HighSchoolScholarsProgram@liu.edu.

High School Enrichment Program

High school students may obtain a preview of college life and earn college credits simultaneously by attending day, evening, and summer sessions at LIU Post. Students who have approval from their high school principal or guidance counselor may enroll for one or more freshman course(s) while they are completing high school. In certain cases, it may be possible to use college courses to complete high school requirements. Further information is available from the Office of Admissions by calling 516-299-2900, or e-mail at post-enroll@liu.edu.

Program for Academic Success (PAS)

Each year the admissions office reviews the applications of students who do not qualify for regular admission and refers a limited number of applications to the Program for Academic Success. Candidates are considered for admission to the program on the basis of their high school transcript and letters of recommendation. Standardized testing is not required. Each candidate is evaluated on his or her academic record, individual strengths, and potential for doing college-level work. For information call 516-299-3737.

Higher Education Opportunity Program (HEOP)

The Higher Education Opportunity Program (HEOP) is specifically designed for New York State residents who are first-time college students; a high school graduate or its equivalent; economically disadvantaged, as defined by the New York State Education Department guidelines; ineligible to attend LIU under regular admission standards; possess potential to succeed. Standardized testing is not required. Prospective students must apply by February 1 to be considered for this program. The LIU HEOP Office requires financial documents and an interview of qualified students before acceptance into the program. Co-sponsored by the New York State Education Department and LIU, the program offers a wide range of support services including tutoring, academic advisement, financial aid, and career and personal counseling. The HEOP Office is located on the lower level of Post Hall. For further information, call 516-299-2397.

Work-based Learning

LIU Post recognizes the value of work-based learning and will consider successful participation in programs such as cooperative education when making admission decisions. A high school student entering LIU Post, who is working in a co-op position related to his/her major and/or career goals, may be given the opportunity to continue co-op employment upon meeting with a LIU Promise or Employer Relations advisor.

Transfer Admission**Admission Eligibility**

LIU Post welcomes applications from students who wish to transfer from accredited four-year and two-year colleges. Transfer credits generally are awarded for equivalent academic courses that have been successfully completed with grades of C- or better at accredited colleges or universities. Students transferring from non-accredited institutions must consult with Transfer Admissions to determine eligibility for transfer credits. For admission as a transfer student, the Admissions Committee generally considers a minimum cumulative GPA of 2.0 on the college record. It should be noted, however, that many academic departments have special criteria for admission and may require a higher GPA, an audition or portfolio review. Transfer applicants must satisfy special admission requirements mandated by the major departments to which they are applying. The Office of Admissions weighs all available information about the candidate, and evidence of achievement is recognized in all academic areas.

Transfer students are evaluated primarily on the basis of their college work. However, students

with fewer than 24 credits of previous college work, or those who enrolled in college courses prior to completing high school, must be prepared to submit secondary school records and test scores from either the SAT or ACT.

Transfer Credits

Upon acceptance, transfer students receive an official transfer credit evaluation. Students transferring directly to LIU Post from two-year institutions can receive a maximum of 72 credits. Those transferring from four-year institutions can receive a maximum of 96 transfer credits.

Applicability of transfer credits and actual length of time required to complete a bachelor's degree are finalized in consultation with an Enrollment Services Advisor or Promise Success Coach, depending on number of credits earned. Questions concerning transfer credits should be directed to Transfer Admissions at 516-299-2900.

College Credits for Military Service Joint Services Transcript

LIU Post 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 LIU Post 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. Students must have completed six credits at LIU Post and demonstrate knowledge equivalent to what would be learned in a specific LIU Post undergraduate course. Life experience credits are not awarded for accountancy or criminal justice courses. For more information contact Enrollment Services at 516-299-2756.

Application and Notification Dates

The Office of Admissions accepts and reviews transfer applications on a rolling basis for fall, spring and summer admission, allowing candidates to submit applications at any time during the cycle. For earliest consideration, however, and to ensure consideration for all available departmental and merit-based scholarships and on-campus housing opportunities, it is strongly suggested that applications be submitted by May 1 for fall enrollment and December 15 for spring enrollment.

All deadline dates are subject to change. Please check with the Office of Admissions for current information.

Transfer candidates will be notified of

admission decisions within three weeks of receipt of a completed application and will be considered on an ongoing (rolling) basis until classes begin or admission is closed.

Articulation Agreements

LIU Post has developed articulation agreements with Nassau Community College, Suffolk County Community College, LaGuardia Community College, Niagara Community College, and Queensborough Community College. These agreements enable qualified students to benefit from guaranteed transfer credits toward their bachelor's degree at LIU Post. For further information, contact the Transfer Admissions Office at 516-299-2900 or visit www.liu.edu/post/transfer.

Academic Residence Requirements

In order to complete a bachelor's degree, students must be in academic residence at LIU Post for at least the final 32 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 Bulletin.

Readmission

Students who stopped attending LIU Post for one or more regular semesters (fall or spring) and wish to return must file an application for readmission. Applications can be obtained from the Office of Admissions. If a student has been out of attendance for more than five years, official transcripts from previous colleges may be required. If readmission is approved, students return subject to the academic requirements as posted in the undergraduate bulletin in effect at the time of readmission.

Students who have been suspended or dismissed are required to:

- Register for 6 credits (suspended) or 12 credits (dismissed) in one academic semester or one summer at another accredited institution outside the LIU system.
- Earn a cumulative GPA of 2.75 or better in those 6 or 12 credits
- Submit an official transcript from that institution
- Submit a personal letter of intent, indicating your desire to continue your studies at LIU Post
- Submit a written letter of support from the chairperson of their major department indicating eligibility to pursue that major

Applications for reinstatement and supporting documentation must be received by the Academic Standing Office no later than two weeks prior to the first day of classes for the semester for which students are seeking readmission.

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.

International Admission

LIU Post

720 Northern Boulevard

Brookville, New York 11548-1300 USA

1-516-299-2900

Online application: www.liu.edu/post/apply

Email: post-international@liu.edu

Website: www.liu.edu/post/international

International Students

LIU Post welcomes applications for admission from international applicants, and expects an academically-equivalent profile as listed above for Freshmen or Transfer Admission. If you are not a citizen or permanent resident of the United States, you must apply to LIU Post as an "international student." It is recommended that an international student applicant submit an application for international admission and the following supporting documents to the International Admissions Office by June 1 for fall admission or by November 1 for spring admission. A non-refundable application fee must accompany the application: the common application is also acceptable for Freshman and Transfer applicants.

1. 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.
2. Certain students will be required to submit a professional evaluation of their university credits from a NACES-member organization (www.NACES.org).
3. Official Test of English as a Foreign Language (TOEFL), International English Language Testing System (IELTS), or Pearson Test of English (PTE) scores (see Language Proficiency, below, for admission and conditional admission standards).
4. Personal statement or essay: please note if

translator was used.

5. Recommended but not required: SAT or ACT (for freshmen) required for native English speakers or those educated in the United States; 1 letter of recommendation; portfolio or video audition (required for admission into the appropriate department and for scholarship consideration in art or music, respectively).

Language Proficiency

Minimum TOEFL score for undergraduate admission: 75 Internet-based score (197 computer based, 527 paper-based score). Nursing and Clinical Lab Science students must have an 85 Internet-based TOEFL or equivalent score, or have completed at least two years of university-level academic coursework in the United States.

- Minimum IELTS score for admission: 6.0
- Minimum Pearson PTE score for undergraduate admission: 50
- SAT: 420 in the Reading section
- ACT: 16 in the English section
- Submitting an ELS 112 completion certificate will satisfy the language proficiency requirement and no TOEFL/IELTS/PTE will be required.

Prospective international students with strong academic records who lack LIU's required English proficiency level are required to complete our Intensive English Program. Once completed, we will review your application for admission to your academic program of choice. For more information, visit www.liu.edu/post/ELI.

Immigration Requirements

Those 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. For detailed information visit our International Admissions website at www.liu.edu/post/international.

Visiting Students

Students are advised to obtain permission from the college or university at which they are enrolled prior to enrolling at LIU Post. Visiting students are permitted to register for only one semester unless they have authorization for extended enrollment.

New York State Immunization Law

The New York State Health Department requires college and university students born on or after January 1, 1957 to be immunized against measles, mumps and rubella. All students attending the university, including matriculants and non-degree students, must show proof of immunization if they wish to register for classes. In addition, New York State requires that LIU Post maintain a record of each student's response to the meningococcal disease and vaccine information. The form must be signed by the student and contain either a record of meningitis immunization within the past 10 years OR an acknowledgement of meningococcal disease risk and refusal of meningitis immunization signed by the student.

For further information regarding compliance with this law, please contact Enrollment Services at 516-299-2323.

Graduation Rate

As reported to the U.S. Department of Education and the New York State Education Department in spring 2017, the graduation rate for first-time, full-time, bachelor's degree-seeking undergraduates who enrolled in fall 2010 was 46 percent

LIU POST HONORS COLLEGE

The LIU Post Honors College was inaugurated in 1963 as one of the nation's first Honors programs. In September 2015, marking a successful history of more than a half century, the Honors program at LIU Post was officially rededicated as the LIU Post Honors College. Students in the Honors College come from every major on campus to take special courses designed to broaden their education and engage them in research culminating in a thesis. Honors College students enjoy priority registration, membership in the Merit Fellowship, enriched scholarships and access to prestigious alumni and events. They also have the option of living on the Post Hall Honors floor. Those who complete the Honors College requirements graduate both from the college that houses their major and with a diploma citation and a medallion from the Honors College.

The Honors College is designed for academically motivated students. It is possible to enter the college as a freshman, sophomore, or junior. Students find the Honors College to be a transforming experience. Classes are small and taught by engaging faculty members who are eager to explore ideas through thought-provoking readings and seminar-style discussions. Honors courses encourage writing and oral presentations. Many satisfy writing across the curriculum requirements.

The "Honors Green" program provides students who take 6 credits (2 courses) devoted to "sustainability" with a university-supported week-long adventure in an American national park along with honors students from universities around the country. This is organized by the National Collegiate Honors Council, in which we hold membership. Study/travel courses abroad are also popular options for Honors College students who may earn up to six (6) honors advanced elective credits. On the most advanced level, every student in the Honors College works with a faculty mentor in their major on research leading to the completion of an undergraduate thesis. Most students find this to be the best professional credential that they can earn, whether they are seeking admission to graduate school or the job market.

The Honors College is a community. Students have the use of an elegant honors lounge in the mansion that was originally the home of the Post family. They are welcome to study, meet friends, run seasonal parties, use computer facilities, and join with the faculty as equal voting members of the Honors Advisory Board that chooses honors advanced elective courses. In the Honors College student ideas and leadership are at the heart of our mission to broaden and advance student learning.

For specific information about merit-based Honors College scholarships, please contact the Office of Undergraduate Admissions.

Honors College

HONORS COLLEGE CURRICULUM

The Honors College curriculum emphasizes a liberal balance between traditional and innovative studies. The objective of the Honors College is enrichment, collegiality, and critical thinking, not acceleration or competition. Courses are divided into those that fulfill Core requirements (numbered 301-304), Advanced Electives (numbered 359 and 360 with the department code prefix), and Tutorial (research in the major numbered 385 or 386), followed by the Thesis (the written results of research in the major numbered 389 or 390). How many of these courses a student takes depends on when the student enters the college. Students may also apply to take a maximum of two courses (six credits) abroad and have them substitute for Advanced Electives, providing that the course(s) have the prior approval of the Honors College Director and the student submits all notes, exams, and a 15 page research paper for each course upon return.

ADMISSION REQUIREMENTS

High school students are admitted with an average of 88 or above with a combined SAT score of 1800 for the three-part exam (1290 for SAT after March 1, 2016). Critical reading must be at least 570 (31 for critical reading test in SAT after March 1, 2016). An ACT of 24 or higher is also acceptable. Naturally, in a college that focuses on the individual, students are welcome to present variations on these requirements to the Honors Director. We are more interested in the person than the scores. Continuing Post students may enter as sophomores with a 3.2 GPA freshman year, or as juniors with a 3.4 or higher GPA. Transfer students are accepted with a 3.4 or higher GPA.

CORE COURSES AND EQUIVALENCES

Art 303, 304 = Art 59, 60
 Astronomy 301, 302 = Astronomy 9, 10
 Biology 301, 302 = Biology 103, 104
 Chemistry 301, 302 = Chemistry 1, 2
 Cinema 303, 304 = Cinema 11 (Students may take 1 semester only)
 Communication Arts 303, 304 = Communications 9 (Students may take 1 semester only)
 Earth & Environmental Science 301, 302 = Earth & Environmental Science 1, 2
 Economics 303, 304 = Economics 10, 11
 English 303, 304 = English 1*, 2* (Honors College students may not enroll in ENG 1, 2.
 ENG 303, 304 includes the literature content of ENG 7,8. Students who have AP credit for English language and literature may take ENG 303, 304 to replace ENG 7,8.)
 Geology 301, 302 = Geology 1, 2
 Geography 303, 304 = Geography 1, 2
 History 303, 304 = History 1, 2
 NRS 303, 304 = NRS 100, 101
 Philosophy 303, 304 = Philosophy 25, 26
 Political Science 303, 304 = Political Science 26,

27

Psychology 301, 302 = Psychology 3, 4

Sociology 303, 304 = Sociology 1, 2

PARTICIPATION REQUIREMENTS:

Four-Year Participant

27-29 credits total distributed over four years.

(Students who elect Honors Science Core earn 1-2 additional credits in Honors.)

Freshman and Sophomore Years

12 - 14 credits Honors Liberal Arts, Fine Arts, and Social Science Core Courses (303, 304)

3 credits Honors Advanced Elective

(Sophomore year ONLY)

Junior year

3 credits: Honors Advanced Elective

3 credits: Tutorial (spring semester)

Senior year

3 credits: Thesis, (fall semester)

3 credits: Honors Advanced Elective (fall or spring semester)

Three-Year Participant

18-20 credits total distributed over three years

Sophomore year

6-8 credits Honors courses (depending on whether student takes Honors science in this year). Honors courses can be chosen from Liberal Arts, Fine Art, and Social Science core courses (303, 304).

Junior year

3 credits Honors Advanced Elective (fall semester)

3 credits Honors Tutorial (spring semester)

Senior year

3 credits Honors Thesis (fall semester)

3 credits Honors Advanced Elective (fall or spring semester)

Two-Year Participant

12 credits total distributed over two years. The two year option is open to transfer students and continuing students who meet eligibility requirements.

Junior year

6-8 credits: Honors courses (either core or advanced electives). Students who elect to participate in the Honors Science Core will need to take 8 credits to meet this requirement.

3 credits Honors Advanced Elective (fall semester)

3 credits Tutorial (spring semester)

Senior year

3 credits Thesis (fall semester)

3 credits Honors Advanced Elective (fall or spring semester)

Merit Fellowship

Students in the Honors College also participate in The Merit Fellowship to expand cultural horizons and social awareness. Students attend five events per semester from among lectures and poetry readings, concerts, theater performances and field trips. One popular Merit Fellowship option is community service. Students volunteer a minimum of 20 hours per semester at an

organization of their choice approved by the Honors College director.

Honors Core Courses

Anthropology 303 Development of the Human Species, Culture and Society - Honors Core

This course presents students with the evidence of human evolution, the relation between human beings and other primates and facts of human variation. It also traces cultural evolution from hunting and gathering societies of the Paleolithic to the emergence of farming, cities, states and civilizations of the Neolithic. Meets Core Curriculum requirements when combined with ANT 304.

Must be in Honors College

Credits: 3

Every Fall

Anthropology 304 Human Society - Honors Core

This course is the study of basic elements seen in economic reciprocity and exchange, spiritual beliefs and sacred practices, marriage forms and kin groups, leadership and settling of disputes, social inequalities and their supporting ideologies. The course also studies social aspects resulting from peoples of diverse cultures and levels of development encountering each other in the emerging interdependence of world societies. Meets Core Curriculum requirement when combined with ANT 303.

Must be in Honors College

Credits: 3

Every Spring

Astronomy 301 Our Violent Universe I - Honors Core

A broad survey of astronomy is presented, including aspects of astrophysics and cosmology, with minimal use of mathematics. Topics include the history of astronomy, the solar system, stellar evolution, and the large scale structure of the Universe. The course will also serve as an introduction to basic topics including gravity and light. The question of mankind's place in the Universe as well as the importance of scientific inquiry will be addressed.

Three hours lecture, three hours laboratory.

Must be in Honors College

Credits: 4

Every Fall

Astronomy 302 Our Violent Universe II - Honors Core

A broad survey of astronomy is presented, including aspects of astrophysics and cosmology, with minimal use of mathematics. Topics include the history of astronomy, the solar system, stellar evolution, and the large scale structure of the Universe. The course will also serve as an introduction to basic topics including gravity and light. The question of mankind's place in the Universe as well as the importance of scientific inquiry will be addressed.

Three hours lecture, three hours laboratory.

Prerequisite of AST 301 is required.

Credits: 4

Every Spring

Biology 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

Biology 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

Chemistry 301 Chemistry in Daily Life I - Honors Core

An introduction to principles of chemistry, including a study of atoms, molecules, atomic and molecular structure, chemical bonding and reactions. These principles are used to explain current topics in chemistry, such as air and water pollution, food additives, drugs, polymers and chemical toxicology. The laboratory emphasizes applications of chemical principles. The course can be used for Science Core credit.

Three hours lecture, three hour laboratory.

Prerequisite of Honors Program is required.

Credits: 4

Every Fall

Chemistry 302 Chemistry in Daily Life II - Honors Core

A continued study of the principles of chemistry, including electron transfer, nuclear fission/fusion and basic organic reactions. These principles are used to explain current topics in chemistry, such as drug design, polymers, fuel cells, forensic chemistry, biochemistry and genetics. The laboratory utilizes everyday examples to emphasize these chemical principles. The course can be used for Science Core credit.

Three hours lecture, three hours laboratory.

Prerequisite of CHM 1 or CHM 301 is required. .

Credits: 4

Every Spring

Cinema 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

Every Fall

Cinema 304 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

Every Spring

Communications 303 Introduction to Media Culture

Introduces the student to ways of thinking systematically and critically about our mass-mediated culture and how it continues to evolve in the digital age. . Critical and theoretical approaches to popular media are applied to a variety of media genres drawn from radio, television, print media and current web-based media. Special attention will be given to social media and digital game paradigms. The aesthetic merits and social influence of media forms are considered. . Students conduct several 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

Every Fall

Dance 303 Dance & Society

Dance and Society explores and evaluates the many roles that dance plays in a socio-cultural context. Moving between dance and world history the course discusses cultural legacies related to dance. This is a Writing Across the Curriculum offering. *Must be in Honors College*

Credits: 3

On Occasion

Earth & Environmental Science 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. The course emphasizes the influence of human activity on all of these aspects of the natural environment. Laboratory work included 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.

Must be in Honors College

Credits: 4

Every Fall

Earth & Environmental Science 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. The course emphasizes the influence of human activity on all of these aspects of the natural environment. Laboratory work included 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.

Must be in Honors College

Credits: 4

Every Spring

Economics 303 Introductory Microeconomics - Honors Core

The course deals with the theory of supply and demand, theory of the firm, resource allocation and international trade. Students study the application of these concepts to contemporary America and to an economic system of another time and/or place. May be used to fulfill ECO core requirement.

Must be in Honors College

Credits: 3

Every Fall

Economics 304 Introductory Macroeconomics - Honors Core

Topics include economic institutions, national income and product, money and banking and

principles of economic growth. Students apply this fundamental background to contemporary America and to an economic system of another time and/or place. May be used to fulfill ECO core requirement. *Prerequisite of ECO 303 is required.*

Credits: 3

Every Spring

English 303 World Literature I - Honors Core

This course is an Honors version of the same material covered in ENG 7 with additional writing assignments to qualify students to complete the competency graduation requirement in written composition. This course is required of all Honors students unless exempted by AP credit, freshman assessment, or Department placement examination. After taking ENG 303 and 304, students are eligible to complete their Core requirement in literature or language with two advanced literature courses in English or any of the foreign language courses normally used for this requirement. Students who have taken ENG 303 may not take ENG 7.

Student must be in Honors College.

Not open to students who have taken ENG 7.

Credits: 3

Every Fall

English 304 World Literature II - Honors Core

This course is an Honors version of the same material covered in ENG 8 with additional writing assignments to qualify students to complete the competency graduation requirement in written composition. This course is required of all Honors students unless exempted by AP credit, freshman assessment, or Department placement examination. After taking ENG 303 and 304, students are eligible to complete their Core requirement in literature or language with two advanced literature courses in English or any of the foreign language courses normally used for this requirement. Students who have taken ENG 304 may not take ENG 8.

Student must be in Honors College.

Not open to students who have taken ENG 8.

Credits: 3

Every Spring

Geography 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.

Must be in Honors College

Credits: 3

Every Fall

Geography 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.

Must be in Honors College

Credits: 3

Every Spring

Geology 301 The Dynamic Earth - Honors Core

This course is a study of the Earth's composition and structure and of the processes operating on the earth. Topics include rocks and minerals, igneous and volcanic activity, plate tectonics, and the processes of weathering and erosion which modify the surface of the earth.

Three hours lecture, three hours laboratory.

Not open to students who have completed GLY 1 or ERS 2.

Must be in Honors College

Credits: 4

Every Fall

Geology 302 History of the Earth - Honors Core

This course is an outline of the principles and methods used by geologists to reconstruct the history of the earth. Topics include the historical development of the crust; the geologic time scale; fossils; the changing pattern of ancient environments; the evolution of plant and animal life against the background of changing environments.

Three hours lecture, three hours laboratory.

Prerequisite of GLY 301 or GLY 1 or ERS 2 is required.

Credits: 4

Every Spring

History 303 Civilization from the Ancient World to the 18th Century - Honors Core

A general but high-level seminar, this course is 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."

Must be in Honors College

Credits: 3

Every Fall

History 304 European History from the French Revolution - Honors Core

A general survey of European politics, economic institutions, religion, culture, and ideas from 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.

Must be in Honors College

Credits: 3

Every Spring

Mathematics 303 Mathematics for Liberal Arts - Honors Core

This course presents an overview of the fundamental concepts of contemporary mathematics, including such topics as finite systems; computer arithmetic, logic and circuits; algorithms; fractals and other patterns; game theory and the mathematics of competition; weighted voting systems; networks; probability; linear programming and curve sketching. The emphasis is on critical thinking and creative problem analysis. The seminar offers liberal arts majors with varied backgrounds an exciting approach to the elements of mathematics.

Must be in Honors College

Credits: 3

On Occasion

Music 303 The Power of Music: A Journey from Ancient Greece to 18th Century Europe

Take a journey from music's early beginnings in Ancient Greece to concert music of the 18th century. Europe is a rich tour-de-force, encompassing colorful personalities, developing radical new styles, eliciting a full range of human emotions, and providing context to historical events. Music is in every aspect of life. Come discover the power of the Greek chorus; the intimate sounds of the cloister (with a field trip to New York to see the Cloisters Museum, an actual structure brought over from Europe); the rise of the ruling force of the Church, to the rumblings of revolution in Europe and the 13 colonies. Experience the Power of Music to shape events, elicit emotions and shape memories.

Must be in Honors College

Credits: 3

On Occasion

Philosophy 303 History of Ancient Philosophy - Honors Core

The course begins with an introduction to the history of ancient Greek philosophy from the pre-Socratics to the Hellenistic philosophers. Some instructors emphasize the cultural environment in which ancient Greek philosophy originated, connecting philosophy to the other disciplines; i.e., literature and the arts, politics, etc. Some instructors discuss the non-Western ancient traditions, in particular Buddhism, Confucianism and Taoism. And some instructors extend the time-frame of the course to include some of the great Medieval philosophers, such as Augustine and Aquinas. The core of the course generally consists of a reading and discussion of the major writings of Plato and Aristotle. Equivalent to PHI 25 for Honors Program students.

Must be in Honors College

Credits: 3

Every Fall

Philosophy 304 History of Modern Philosophy - Honors Core

This course is an introduction to the history of modern philosophy from the Renaissance to the end of the 19th Century. The course usually begins with a discussion of the origins of modern science and early modern philosophy (i.e., Descartes). The core of the course generally consists of a reading and discussion of the representative writings of the great modern philosophers (i.e., Spinoza, Leibniz, Locke, Hume, Berkeley, Kant). Some instructors stop at Kant and the 18th Century, while others include 19th Century figures (i.e., Hegel, Marx, Mill, Kierkegaard, Nietzsche), and even some American figures (i.e., Emerson and William James). Equivalent to PHI 26 for Honors Program students.

Must be in Honors College

Credits: 3

Every Spring

Physics 301 Physical Universe and Imagination I - Honors Core

With developing emphasis on the historical and philosophical aspects of physics, the course will examine principles and illustrations of mechanics, heat, wave motion and sound. Intended for the non-science major, the first semester will focus on basic laws that govern our thoughts about the universe from the late Renaissance to the present century. No math beyond high school algebra is required.

Three hours lecture, three hours laboratory.

Must be in Honors College

Credits: 4

Every Fall

Physics 302 Physical Universe and Imagination II - Honors Core

From principles of Classical Physics the course will shift in the spring term to modern theories of electricity and magnetism, optics and the shattering

advent of Einstein's Theory of Relativity and Heisenberg's Uncertainty Principle. We will arrive at a view of the physical world as it now appears in most current imaginative insights. For students of all majors, the course is designed to teach comprehensively the science and philosophical implications of physics.

Three hours lecture, three hours laboratory.

Prerequisite of PHY 301 is required.

Credits: 4

Every Spring

Political Science 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.

Must be in Honors College

Credits: 3

Every Fall

Political Science 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.

Must be in Honors College

Credits: 3

Every Spring

Psychology 301 Principles of Psychology I - Honors Core

This course is an introduction to the scientific study of behavior with emphasis on the physiological basis of behavior, conditioning, learning, sensation and perception. The laboratory concentrates on the design and execution of experiments; lectures cover the scientific method and selected topics in psychology. Not open to students who have taken Psychology 1 or 3.

Three hours lecture, three hours laboratory.

Corequisite of PSY 301L is required.

Credits: 4

Every Fall

Psychology 302 Principles of Psychology II - Honors Core

This course is a continuation of the scientific study of behavior with emphasis on areas of applied psychology. Topics include social psychology, personality and psychopathology, tests and measurement, verbal learning and memory. Not open to students who have taken Psychology 2 or 4.

Three hours lecture, three hours laboratory.

Pre-requisite of PSY 301.

Credits: 4

Every Spring

Sociology 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, 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.

Must be in Honors College

Credits: 3

Every Fall

Sociology 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.

Prerequisite of SOC 303 is required. Student must be in Honors Program.

Credits: 3

Every Spring

Theater 304 Theatre And Society

Theatre is a sensitive barometer of its time, revealing and reflecting whatever is urgent, relevant, or merely fashionable at a particular moment. This course will investigate a multitude of performances ranging from Greek Religious Drama, Shakespeare, and Japanese Kabuki to Environmental Theatre and Performance Art. The class will explore issues of performance and power, politics, religion, race, ethnicity, patriotism, authorship, and censorship from cultural and historical perspectives.

Must be in Honors College

Credits: 3

On Occasion

Honors Advanced Electives

For the Fall semester, only 359 courses are offered.

For the Spring semester, only 360 courses are offered.

Art 359 Honors Advanced Elective

Fall Advanced Elective to be offered on an occasional basis.

Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3

On Occasion

English 359 Australian Literature

Scheckter

This course examines modern Australian writing in a variety of forms: fiction, poetry, and drama. In some cases, Australian literature takes up some of the same issues as other settler societies—the U.S., Canada—and in others, it responds to specific conditions of environment, resources, and geopolitical status. Everywhere, however, Australian cultural expression delivers lively, challenging, and often beautiful engagement with age-old questions

and new ones—kangaroos optional.

Prerequisites of at least Sophomore status, Honors College, and ENG 1 & 2 are required.

Credits: 3

On Occasion

English 360 The Horse in Literature

Digby

From the ancient Greek world of Plato and Aesop to the wilderness of the American West, the horse has generated brilliant literary works of every genre in literature. This seminar will take an historic and genre-based approach to the themes, symbols and narratives centered on the horse in literature.

Students will read short fiction, novels, plays and poetry.

Prerequisites of at least Sophomore status, Honors College, and ENG 1 & 2 are required.

Credits: 3

On Occasion

Finance 359 Honors College Advanced Elective

Fall Advanced Elective - to be offered on an occasional basis

Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3

On Occasion

Geography 360 Honors College Advanced Elective

Spring Advanced Elective to be offered on an occasional basis.

Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3

On Occasion

History 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

Music 359 Honors Advanced Elective

Fall - Honors Advanced Elective - Please consult the Honors website for complete description.

Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3

Every Fall

Music 360 Honors College Advanced Elective

Spring Advanced Elective to be offered on an occasional basis.

Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3

Every Spring

Philosophy 360 Honors College Advanced Elective

Spring Advanced Elective to be offered on an occasional basis.

Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3

On Occasion

Theater 359 Honors College Advanced Elective

Fall Honors Advanced Elective to be offered on an occasional basis.

Credits: 3

On Occasion

Honors Tutorial & Thesis

Honors Tutorial & Thesis: 385, 386, 389, 390

ACADEMIC POLICY

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

Undergraduate Degrees

LIU Post awards the following undergraduate degrees: Associate in Arts, Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, and Bachelor of Science. These degrees are earned through programs within the College of Arts, Communications and Design, the College of Education, Information and Technology, the College of Liberal Arts and Sciences, the College of Management, and the School of Health Professions and Nursing.

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.

LIU Post offers a 64-credit associate's of arts degree (A.A.) program. Students must fulfill the core curriculum and competency requirements, and at least 48 of the credits earned must be in the liberal arts and sciences.

Dual Degrees

LIU Post awards the following dual degrees: Bachelor of Arts/Masters of Arts, Bachelor of Fine Arts/Masters of Arts, Bachelor of Fine Arts/Masters of Business Administration, Bachelor of Science/Masters of Public Administration, Bachelor of Science/Masters of Science, Bachelor of Arts/Masters of Science, Bachelor of Arts/Masters of Business Administration, Bachelor of Science/Masters of Business Administration, Bachelor of Science/Masters of Arts. These dual degrees are earned through programs within the College of Arts, Communications and Design, the College of Education, Information and Technology, the College of Liberal Arts and Science, the College of Management and the School of Health Professions and Nursing.

Entrance requirements may vary depending upon the academic program. Generally a cumulative grade point average of 3.00 is required (Consult the undergraduate bulletin for additional GPA requirements for specific program requirements) of students enrolled in a dual degree. Some programs may require a higher GPA along with GMATs for students enrolling in certain College of Management programs.

Academic Load and Class

Standing

Full-time students in good academic standing may carry 12-19 credits during each fall and spring semester. A student taking 20 or more credits in the regular semester must be in good academic standing and obtain the signature of his/her Success Coach/Enrollment Services Coach and major department chair on the registration card.

In accordance with university regulations, only students who have been admitted to the university, have formally registered, and made arrangements for payment of tuition and fees, may attend classes.

To be considered a sophomore, a student must have earned 30 credits; a junior, 60 credits; a senior, 90 credits.

Grading and Quality Points

Credits are granted for courses completed with the grade of A excellent, A- very good, B+ very good, B good, B- good, C+ above average, C average, C- below average, D below average, or P passed. The grade of F signifies failure. A grade of incomplete (INC) indicates that some of the course requirements have not been completed. W indicates a student initiated withdrawal from a course after the change of program period through the last day for grade change options (as noted in each semester's Schedule of Classes), UW indicates an unauthorized withdrawal with no academic penalty.

Students who receive grades of W (withdrawal), UW (unauthorized withdrawal), INC (incomplete) or Pass/Fail in the fall or spring semester are not eligible for inclusion on the Dean's or Honor's List for that semester.

INC grades will automatically convert to a grade of F (undergraduate courses only) if the work is not completed by the end of the following full semester. If an unusual extension of time becomes necessary to complete the work, the grade change must be approved by the faculty member, the chairperson and the dean. The grade "I" is printed on the transcript along with the final earned grade and the date the work was completed. Students with an excessive rate of unexcused absences may receive a grade of F or UW for the semester. Except as noted below, any grade may be removed from the student's cumulative average by repeating the course at LIU Post.

Students have the option to repeat any course. Credits will be earned only once, and although the original grade remains on the student's permanent record, the second grade (whether higher or lower) will be used in computing the grade point average. No student who has taken a course and received a passing grade in it may repeat that course for credits after he or she has taken a related course containing content of a higher level. No course

may be repeated more than once, except with the prior approval of the Academic Standing Committee. If a course is taken more than twice, all grades after the first 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.

Grades of P will not be computed into the student's overall GPA and major average, but will count toward graduation credits. The grade of F will be computed in the student's overall GPA and major average. Grades for courses taken at another college or university do not enter into the computation of either the cumulative or major averages. All Long Island University courses taken at any branch campus will be computed into the student's cumulative and major averages. The average grade in the major field is computed from all of the courses the student has taken that are required in the major.

Required courses in which a grade of F was earned must be repeated within one year. Students are encouraged to repeat such courses, provided they are offered, during the subsequent semester; this applies particularly to those students who are on academic probation. The Academic Standing Committee will evaluate the status for any student who fails the same required course twice.

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.

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 not 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. "P" grades are not be 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 or minor 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 56 credits at LIU Post, not including courses taken on a Pass/Fail basis or Life Experience credits. Students in the Program for Academic Success may not take courses on a Pass/Fail basis.

Quality Points and Grade Point Average (GPA)

Each student must satisfactorily complete at least 120 credits for a baccalaureate degree; in some departments more credits are required. The student must achieve an overall grade point average (GPA) of 2.00, and in some departments requirements may be higher (see departmental requirements). In the major area, the student must achieve an average of at least 2.25; in certain programs the minimum major average may be higher.

A credit is defined as 50 minutes of classroom work per week, completed in one 15-week semester, or its equivalent, plus appropriate out-of-class assignments and readings. Quality points are computed by multiplying the number of credits in a course by: 4.000 for grade A, 3.667 for grade A-, 3.333 for grade B+, 3.000 for grade B, 2.667 for grade B-, 2.333 for grade C+, 2.000 for grade C, 1.667 for grade C-, 1.000 for grade D.

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

GPA computations are carried to the third decimal place from which rounding takes place to the second decimal place. For example, a computed GPA of 2.994 will be rounded down to 2.990. A computed GPA of 2.995 will be rounded up to 3.000. 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.

For example:

In a semester, a student earns an A- in a 4-credit biology 1 course ($3.667 \times 4 = 14.668$), a B- in a 3-credit English 1 course ($2.667 \times 3 = 8.001$), a B in a 3-credit history 2 course ($3.000 \times 3 = 9.000$), a C+ in a 3-credit math 4 course ($2.333 \times 3 = 6.999$), and an F in a 3-credit art 1 course ($0.000 \times 3 = 0.000$).

The student has earned 38.668 total quality points based on 16 total credits. Dividing 38.668 by 16 yields a cumulative GPA for this semester of 2.417 before rounding. Based on the rounding

policy, the cumulative GPA for this semester will be reported on the student's official LIU transcript as 2.420.

Dean's and Honor's Lists

Eligibility for the Dean's and Honor's lists 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. Students who receive grades of Incomplete (INC), Failure (F), Withdrawal (W), Unauthorized Withdrawal (UW), or Pass/Fail (P/F) are not eligible, even if those grades are subsequently changed. In addition, students repeating courses are not eligible. An average of 3.50 in 12 or more completed credits is required for inclusion on the Dean's list. An average of 3.50 for part-time students who have completed 6 - 11 credits in an academic semester is required for inclusion on the Honor's list.

Attendance

It is expected that students will attend all class sessions scheduled for the courses in which they are enrolled. Regulations concerning attendance in a particular course are at the discretion of the instructor. Responsibility for class attendance rests with the student.

Absences from classes or laboratories may affect the final grade. 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 his/her instructors or to the dean, the university reserves the right to exclude the student from an examination, course or program.

Absence from Final Examination

Students who are absent from a final examination must:

1. notify their professor or department chair within 24 hours of the reason for the absence, and
2. request permission from the professor to take a deferred final examination.

A deferred final examination is a privilege that may be granted only to a student who complies with the notification regulations outlined above, whose work during the semester is satisfactory and whose reason for missing the scheduled examination is an authorized excuse. If a rescheduled final exam is given after the final day of the term, an initial grade of INC will be assigned.

Academic Probation, Suspension and Dismissal

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

1. The student's cumulative average (LIU courses only) 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 or more
2. the student's major average falls below the minimum required by the major department or program;
3. the student's semester average falls below 2.00;
4. the student does not complete at least half of the credits for which he or she originally registered in any given semester.

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

1. they may not register for more than 12 credits; or for 13 credits if one of the courses includes a laboratory science, or is POST101;
 2. they may register for only three credits per summer session;
 3. they may not receive a grade of UW or F in any courses;
 4. 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, will 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. Students who are suspended/dismissed at that time may not attend summer sessions or the following fall semester at LIU Post, and must observe the following procedure when seeking readmission:

1. Submit an application for readmission to the Office of Admissions.
2. Provide a formal statement of permission from

the chair of their major department or program indicating their eligibility to pursue that major.

3. Submit a letter of appeal to the LIU Post Academic Standing Committee.

If readmitted, they will be permitted to return to LIU Post for one semester on probation.

Any student who is readmitted on probation after suspension must comply with the stipulations outlined by the Academic Standing Committee to return to good standing. Failure to comply with these stipulations will result in the student's academic dismissal from the institution, or from their department/program.

Final 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 Post. 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.

Graduation and Diplomas

Students who meet all requirements for their degrees in September or January are considered to be in the graduation class of the following May. Diplomas are dated three times a year: September, January and May. Candidates for graduation are required to notify the University Registrar of their intended date of graduation by filing a on-line degree application at least three months in advance. Please consult the Academic Calendar, which is available on the campus website at <http://liu.edu/CWPost/Enrollment-Services/Registration/Academic-Calendar>, for deadline dates.

Assuming they clear for graduation, students who file their degree application after the specified graduation deadline will automatically have their degree awarded at the following conferral, regardless of the date of completion of requirements.

The final 30 hours of credit must be earned in academic residence (regular attendance), 9 of those 30 hours being in the student's major program. A minimum of 9 credits of the requirements for a minor must be completed at LIU Post. Full-time students should complete degree requirements within five years.

The Academic Standing Committee is the final arbiter of all matters of academic standing, such as waivers of and substitutions for graduation requirements.

General Requirements for Graduation

- 2.00 cumulative average (higher in some areas)

- 2.25 minor subject average (higher in some areas) if attempted
- core and major requirements fulfilled, and minor requirements if attempted
- 120 credits (more in some departments)
- Writing Across the Curriculum requirements fulfilled
- Minimum liberal arts requirements

Graduation with Honors

Summa cum laude requires an average of 3.90 or higher; magna cum laude, 3.70-3.89; cum laude, 3.50-3.69. At least 56 credit hours (not including courses taken on a Pass/Fail basis or Life Experience credits) must be earned in academic residence at LIU Post for the student to qualify for honors.

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 suspension of a student from a class. A student who is suspended from class for disciplinary reasons must first attempt to resolve the problem with the faculty member. If this is not possible, the problem can be referred to the Office of Campus Life or the Dean of Students' Office if the faculty member sees fit.

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. In addition, the appropriate dean will also be notified of the incident. Final determination as to whether or not the student will be permitted to continue as a member of the class, department or school would be the decision of the dean or their designee.

For additional information outlining the Student Conduct disciplinary process, please refer to the Student Handbook. The handbook, which is updated annually, is also available on the LIU Post website.

Academic Conduct Policy

Ethos Statement

LIU Post is committed to the advancement of learning and service to society. Its educational mission reflects a commitment to intellectual rigor, social justice, and an active engagement of

contemporary issues. Working together as a community, students, faculty, and administrators help foster a campus atmosphere that advances the mission of the campus.

The principles of the LIU Post mission statement challenge students to strive for excellence, to become men and women in service to others, to integrate curricular and co-curricular learning, to develop talents through discovery and reflection, and to be concerned for the welfare of each person. To achieve these ideals, all students are expected to contribute, through their words, actions, and commitments, to the development and sustenance of an academic community characterized by respect, honesty, originality, and fairness. These characteristics are essential to ensure the rights and privileges of all students and faculty to preserve the academic integrity of our educational community.

The following standards of academic conduct are designed to foster the highest ideals of academic integrity. These standards, or set of responsibilities, are intended to clarify expectations for students and instructors. Adherence to these standards by all members of the campus community promotes excellence in teaching and learning.

Students are accountable for adhering to all regulations in the LIU Post Student Handbook. The most current version of the Code of Conduct can be found at www.liu.edu/post/studenthandbook.

Academic Conduct Standards

- Academic Respect for the Work of Others
- Academic Self-Respect
- Academic Honesty
- Academic Originality
- Academic Fairness

Descriptions of these standards along with the disciplinary and appeals processes for students found responsible for violating them can be found at www.liu.edu/cwpost/academicconduct.

Definitions and descriptions are adapted from the UCLA Statement of Academic Integrity.

Academic Integrity

Plagiarism is the use or presentation of ideas, works, or work that is not one's own and that is not common knowledge, without granting credit to the originator. Plagiarism is a practice that is not only unacceptable, but which is to be condemned in the strongest terms possible on the basis of moral, educational and legal grounds.

Cheating includes, but is not limited to the following: falsification of statements or data; listing sources that have not been used; having another individual write your paper or do your assignments; writing a paper or creating work for another student to use without proper attribution; purchase of paper or research work for one's submission as his/her own work; using written, verbal, electronic or other sources of aid during an examination (except when expressly permitted by the instructor depending on the nature of the

examination); or knowingly providing such assistance to aid other students.

All students are required to read the LIU Post Pride Student Handbook, where you will find the Academic Conduct Policy regarding A.) Academic Respect for the Work of Others, B.) Academic Self-Respect, C.) Academic Honesty, D.) Academic Originality and E.) Academic Fairness. The LIU Post Pride Student Handbook can be found at url: www.liu.edu/post/communitystandards.

Appeals Process

Level One

A student accused of any academic violation has the right to an appeal. However, the student must be aware that for Level One violations, only the grade can be appealed. An appeal will automatically create a first offense even if the instructor had decided that no institutional awareness of this incident was necessary.

1. If the student disputes the instructor's decision, s/he can seek a solution from the chair of the department involved.
2. If still not satisfied, student meets with 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 his or her 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 Office of Campus Life.

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 of the FSAB to the LIU Post 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.

Additional Academic Policies

Respective academic departments may have additional academic policies.

Exceptions to academic policy provisions may be made only with written permission from the appropriate dean.

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

Double Majors

A student may be granted permission to pursue two academic plans (a primary and a secondary major) on the undergraduate level. The student pursuing two academic plans is required to fulfill the academic plan and correlated requirements for both areas, as well as the core curriculum requirements in both academic plans; however, only one degree will be awarded. In order to pursue two academic plans, a student must obtain the permission of both the departments. In order to obtain two academic plans, a student should consult with his/her academic advisor.

The academic counselor in the primary academic plan will be the official counselor; however, the counselor in the secondary academic plan should be consulted during the registration period for program approval.

Minors

Students can elect to complete one or more academic minors as part of their academic degree program. Students pursuing a minor are required to fulfill the course and minimum credit requirements listed by the academic department. A 2.25 minor subject average (higher in some areas) is also required to complete the minor. A minimum of 9 credits of the requirements for the minor must be completed at LIU Post.

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. For example, a student majoring in finance and taking FIN 65 (cross-referenced as ECO 65) cannot also receive credits for ECO 65, which is a liberal arts requirement.

Course Numbers

Courses numbered from 1 to 299 are for undergraduates only.

Courses numbered 300 to 399 are Honors College courses.

Courses numbered 400 to 409 are special, undergraduate multidiscipline courses. Courses 500 and above are for graduate students and are described in the graduate bulletin.

Course Frequency

Frequency of course scheduling is indicated after each course description by one of the following: Every Semester, Spring, Fall, Annually, On Occasion. If a course is not offered or is cancelled, it may be taken as independent study with authorization by the department chairperson and dean. Substitutions for major, minor or core requirements must be approved by the Academic Standing Committee.

Frequency of evening, summer and weekend offerings is not indicated within this bulletin; the student should consult the schedule of classes to ascertain which courses will be offered during these sessions.

A complete listing of courses is available at www.liu.edu/post/schedules.

Institutional Assessment

For the purpose of institutional assessment, undergraduate students may be required to take academic achievement examinations in their freshman and senior years. Outcomes of the exams are used only to evaluate the effectiveness of the curricula and do not effect student grades.

Public Information Policy

The Family Educational Rights and Privacy Act (FERPA) of 1974 specifically provides 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.

CORE CURRICULUM

Designed by faculty of LIU Post, the core curriculum equips students with broad-based knowledge to prepare them to succeed in their academic studies and future careers. Each course emphasizes the development of the student's critical thinking, oral, visual and written communication skills. A required first year seminar provides a community based learning experience.

Through this high-quality curriculum students will have the opportunity to reach their intellectual potential, to contribute to society in meaningful ways, and to face the challenges of an increasingly complex world.

The core curriculum ranges from 39 to 45 credits, depending on the student's major. Courses are distributed over ten core knowledge areas and aim collectively to provide proficiency in ten fundamental skill areas.

The core curriculum will provide proficiency in the following ten 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 developed through iterative experiences across the curriculum.

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 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. A skillful presentation offers audiences a clear argument about the presentation's significance that is delivered intelligibly and confidently and selects relevant and vivid material that changes or reinforces listeners' attitudes, values, beliefs, or behaviors.

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 everyday issues and involves competency and comfort in working with numerical data. It includes solving quantitative problems, decoding and evaluating the data presented in charts, graphs, and tables, understanding and creating sophisticated arguments supported by quantitative evidence and clearly communicating those arguments in a variety of formats.

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 a habit of mind characterized by the careful and comprehensive exploration and analysis of issues, opinions, ideas, texts, and events before accepting or formulating a position. Critical thinking includes understanding and evaluating various perspectives and their underlying assumptions, analyzing a situation within its social context and appreciating the complexities endemic to human affairs in order to arrive at greater knowledge and understanding.

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; understanding the extent to which ethical choices and values are embedded in social contexts; and recognizing the ramifications of alternative courses of action before arriving at a judgment.

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 entails the ability to recognize when more information is needed, to locate reliable sources for that information, and to understand and interpret the information found in the sources fully and accurately.

Learning Objective: Students will recognize when more information is needed, locate reliable sources for that information, and understand and interpret information found in the sources fully and accurately.

- **Technological Competency:** Technological competency entails the skilled use of computers and other technologies appropriate to many business, organizational, and private settings. For instance, computer users understand the fundamentals of how relevant technology works, exhibit competence with common programs like word processing and data management, are conversant with a variety of social media, understand the need to protect data privacy and guard against malware, and adhere to the etiquette of communication in business and professional settings.

Learning Objective: Students will retrieve, manage and communicate information while adhering to the etiquette of business and professional settings.

- **Creative Capabilities:** Creative thinking is demonstrated by combining or synthesizing existing ideas, images, or disciplines in original ways. It includes thinking and working in an imaginative way characterized by innovation, divergent thinking, and risk-taking and developing original ideas or forms of cultural expression.

Learning Objective: Students will combine or synthesize existing ideas, images, or disciplines in original ways and develop original ideas or forms of cultural expression.

- **Intercultural Knowledge:** Intercultural knowledge is a set of cognitive, affective, and behavioral skills connected to viewing oneself as a member of a world community and being aware that we share the future with others. It includes not only exposure to culturally different others and aesthetic appreciation of their artistic achievements, but also the capacity to meaningfully engage with them, to place social justice in historical, social and political contexts, to identify our own cultural patterns, and to adapt empathetically and flexibly to unfamiliar ways of being.

Learning Objective: Students will place social justice in a historical, political and social context and exhibit empathic and aesthetic understanding of culturally 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. 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 following major areas:

- Competency Requirements
- Laboratory Sciences
- History and Philosophy
- Literature or Foreign Language
- Arts
- Economics or Political Science
- Anthropology, Geography, Psychology or Sociology
- Mathematics

Students select from a variety of courses in these areas. Each of the courses also treat two or three core skills. The following guidelines should be used in selecting courses:

1. Unless indicated otherwise, the courses should be in one discipline in each area (e.g., two courses in anthropology; not one course in anthropology and one course in geography).
2. Courses in the core curriculum may not be taken on a Pass/Fail basis.
3. Students should see their academic counselors to develop a plan of study.
4. Transfer students only: Previous college coursework may substitute for core courses with academic counselor's approval.
5. Students in the Honors College may take the Honors College equivalent of these courses to satisfy their core curriculum requirements.

Core Courses

(1) First-Year Seminars

Minimum of 4 credits required. First-year seminars are linked courses (one of which is POST 101) in which students will have mentoring and guidance from classroom and library faculty members working in collaboration to foster student learning. Students will have opportunities both inside and outside the classroom to socialize with their peers and make friends that can last their entire college career. All first-year seminars designated with an FY in their section numbers will fulfill this requirement. FY courses can also be used to fulfill their respective core or major requirements or can be used as electives, including, in some cases, liberal arts electives.

(2) English Composition

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

(3) Laboratory Sciences

8 credits required in sequence from one discipline; astronomy, biology, chemistry, earth science, geology, physics or psychology*

			Credits
AST	9	Introductory Astronomy I (with AST 9A)	4
AST	10	Introductory Astronomy II (with AST 10A)	4
BIO	1	Foundations of Biology I	4
BIO	2	Foundations of Biology II	4
BIO	7	Human Anatomy and Physiology I	4
BIO	8	Human Anatomy and Physiology II	4
BIO	103	General Biology I	4

BIO	104	General Biology II	4
CHM	1	Introduction to Forensic Chemistry I	4
CHM	2	Introduction to Forensic Chemistry II	4
ERS	1	Earth Science I	4
ERS	2	Earth Science II	4
GLY	1	The Dynamic Earth	4
GLY	2	History of the Earth	4
PHY	9	Introductory Astronomy I	4
PHY	10	Introductory Astronomy II	4
PHY	11	College Physics I	4
PHY	12	College Physics II	4
PSY	3	Principles of Psychology I	4
PSY	4	Principles of Psychology II	4

Students with appropriate backgrounds may obtain permission to substitute more advanced chemistry or physics courses to satisfy the laboratory science requirement. Students in all B.F.A. and B.M. programs are required to complete 4 rather than 8 credits in laboratory science.

*Students may not take both PSY 1, 2 (see section 8 below) and PSY 3, 4 (see above) to satisfy core requirements.

Students in Childhood/Early Childhood Education degrees may take 4 credits in each of two different disciplines.

(4) History and Philosophy

6 credits required; at least 3 credits from each discipline

<i>History</i>	Credits
Any HIS course excluding HIS 197, 198	3
<i>Philosophy</i>	
Any PHI course excluding PHI 81	3

(5) Literature/Writing or Foreign Language/World Literature in Translation

6 credits required (6 credits of English or 6 credits in one foreign language sequence or world literature in translation)

<i>Literature/Writing</i>	Credits
Any ENG courses numbered 3 or higher excluding ENG 85, 90, 95, 99, 101, 151, 207, 251, 303, 304, 385, 386, 389, 390, 421, 422	6

Foreign Language/World Literature in Translation

Any FRE, GER, HEB, ITL, JPN, RUS, SPA or WLT courses excluding courses numbered 1C, 2C, 7, 51, 52, 53, 54 and WLT 20, 21, 22, 23, 24 6

Students seeking a theatre arts degree may use THE 142 and/or 143 to satisfy this requirement.

(6) Arts

3 credits required in art, cinema, dance, media arts, music or theatre

		<i>Art</i>	Credits
ART	1	Introduction to Visual Arts	3
ART	5	Introduction to Basic Drawing	3
ART	17	Introduction to Basic Design (Two-Dimensional)	3
ART	18	Introduction to Basic Design (Three-Dimensional)	3
ART	31	Pottery and Ceramic Sculpture 1	3
ART	101	Interpreting Art in the 21st Century	3
ART	350	Environmental Art and Practice	3
		<i>Arts Management</i>	
ARM	54	Introduction to Arts Management	3
ARM	55	Arts Management Practices	3
		<i>Cinema</i>	
CIN	3	Major Forces in the Cinema	3
CIN	5	The Art of the Documentary Film	3
CIN	11	History of World Cinema	3
		<i>Dance</i>	
DNC	1	Beginning Movement 1	3
DNC	108	History of Dance	3
DNC	109	Current Dance in New York City	3
		<i>Media Arts</i>	
CMA	4	Media Literacy: Behind the Message	3

CMA	9	Introduction to the Media Arts	3
		<i>Music</i>	
MUS	1	Introduction to Musical Concepts	3
MUS	2	Elementary Musicianship	3
MUS	24	History of Rock Music	3
MUS	46	Introduction to World Music	3
		<i>Theatre</i>	
THE	1	The Art of Theatre – Introduction to Acting	3
THE	142	Modern Theatre History	3

(7) Economics or Political Science

6 credits required in one discipline

		<i>Economics</i>	Credits
ECO	10	Introduction to Microeconomics	3
ECO	11	Introduction to Macroeconomics	3
		<i>Political Science*</i>	
POL	2	Introduction to American Politics	3
POL	3	Introduction to Political Science	3

*Students in the Honors College may also take POL 303 and 304 to satisfy this requirement.

(8) Anthropology, Geography, Sociology or Psychology*

6 credits required in one discipline

		<i>Anthropology*</i>	Credits
ANT	2	Human Society	3
		ANT 1 or any Sociology course excluding 85, 91, 53	3
		<i>Geography**</i>	
GGR	1	Human Geography: Man, Environment and Technology	3
GGR	2	Human Geography: The Cultural and Demographic Environment	3

GGR	11	Introduction to Environmental Sustainability	3
GGR	27	Sustainable Cities and Suburbs	3
GGR	29	Human Dimension of Climate Change	3
GGR	43	Geography of the United States of America and Canada	3
GGR	45	Geography of Latin America	3
GGR	52	Geography of Western Europe	3
GGR	56	Geography of Eastern Europe and Russia	3
GGR	61	Geography of Africa	3
GGR	65	Geography of the Middle East	3
GGR	70	Geography of The People's Republic of China and Taiwan	3
GGR	76	Geography of Southern and Eastern Asia	3
SOC	1	Introduction to Sociology	3
		Any Sociology course excluding 85, 91, 53	3
		<i>Psychology****</i>	
PSY	1	General Psychology I	3
PSY	2	General Psychology II	3

* For the Anthropology discipline to satisfy core requirements, ANT 2 must be taken with ANT 1 or any SOC course excluding SOC 85, 91, and 53.

**For the Geography discipline to satisfy core requirements, students must take at least one of the following: GGR 1, GGR 2.

***For the Sociology discipline to satisfy core requirements, SOC 1 must be taken with any SOC course excluding SOC 85, 91, and 53.

****Students may not take both PSY 1, 2 (see above) and PSY 3, 4 (see section 1 above) to satisfy core requirements.

Nursing Students can take PSY 25 in place of PSY 2 to satisfy the core.

(9) Mathematics

Minimum of 3 credits required; depending on major, more than one of the following courses will be completed:

Credits

MTH	1	Introduction to College Mathematics	3
MTH	3	College Algebra and Trigonometry	4
MTH	5	Linear Mathematics for Business and Social Science	3
MTH	6	Calculus for Business and Social Science	3
MTH	7	Calculus and Analytic Geometry I	4
MTH	8	Calculus and Analytic Geometry II	4
MTH	15	Mathematics for Elementary Education I	3
MTH	16	Mathematics for Elementary Education II	3

Requirements for Transfer Students

1. Students transfer to LIU Post as "core complete" if they have received A.A. or A.S. degrees from institutions with which we have articulation agreements, or other 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. Fine Arts - 3 credits
- d. Humanities*; - 9 credits
- e. Social Sciences** - 6 credits
- f. English Composition (ENG 1 and 2) - 6 credits

***Humanities courses include:**

- English
- Foreign Language
- History
- Philosophy
- World Literature

****Social Science courses include:**

- Anthropology
- Economics
- Geography
- Political Science
- Psychology
- Sociology

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

4. 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 a conviction that thought and language are inextricably allied – 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.

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 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.

Students who take eight or more writing intensive courses (including first year composition) and achieve 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 in order 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.

REGISTRATION

Course Registration

Students who have completed their first term of study at LIU Post 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 must meet with their advisor/coach.

Information about course offerings, closed and cancelled classes, and Writing Across Curriculum classes is available through My LIU and the online Schedule of Classes. The Office of Enrollment Services emails a registration reminder notice to all My LIU accounts prior to the start of the summer/fall and the winter/spring semester registration periods. The registration dates are also noted on the academic calendar and on the My LIU account under "Enrollment Dates". Students are encouraged to meet with their Promise Success Coach or Enrollment Services Counselor prior to the start of registration. The Enrollment Services Office is located on the second floor of Kumble Hall. During the academic year, the office hours are Monday through Thursday 9 a.m.-7 p.m.; Friday 9 a.m.-5 p.m.; Saturday 9 a.m.-2 p.m. LIU Promise is located on the second Floor of Hillwood Commons.

Program Changes

Students may drop and add courses, transfer from one section of a course to another, or change from a credit to an audit status (or vice versa) in one or more courses by either doing so in the student portal (my.liu.edu) or filing an official change of enrollment change card with the Enrollment Services Office during the drop/add period at the start of each term. The deadline for program changes is specified in the academic calendar.

Graduate Courses Open to Undergraduates

A qualified LIU Post junior or senior student with a minimum cumulative grade point average of 3.25 may complete bachelor's degree requirements by taking graduate courses at the undergraduate tuition rate. Any extraordinary request for an exception to the 3.25 minimum average requirement must be presented to the Academic Standing Committee. Requests to register for graduate classes must be approved by the student's undergraduate academic counselor, department chairperson and dean. Approval for the substitution of graduate courses for undergraduate requirements must be approved by the Academic Standing Committee as well. An undergraduate student may register for a maximum of 12 graduate credits in total under this policy. Credits

earned in graduate courses that are applied to the bachelor's degree may not subsequently be applied to a master's degree. Exemptions to this policy are found in descriptions of accelerated or dual career programs.

Admission of Undergraduate Students to Graduate Programs

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

Any interested student must:

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

Individual Instruction Classes

Only fully matriculated students can enroll in individual instruction-based classes. Full-time university employees receiving tuition remission are not eligible for these classes.

Maintenance of Matriculation

Unless they have obtained an official leave of absence, undergraduates must register for consecutive semesters (excluding summer sessions). Although students typically proceed toward their degrees by enrolling in classes, they may apply for "Maintenance of Matriculation".

Students approved for maintenance of matriculation are entitled to 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 an academic counselor for maintenance of matriculation prior to or during the registration period in a given semester. The fee is \$100, and this matriculation status will be recorded on their transcript 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. Otherwise, they will have to apply for readmission to their academic program in accordance with procedures and policies stated elsewhere in this bulletin. Maintenance of matriculation is particularly important for international students, who must either attend classes or else maintain matriculation through suitable academic activity in order to maintain their visa status.

Leave of Absence

LIU Post permits students to interrupt their undergraduate 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 may maintain degree status and ensure that his/her degree requirements will remain the same by taking a leave of absence for a maximum total of 180 days in any 12-month period. 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.

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 in good academic standing, on probation, or on continuing probation with his/her college
- 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

Leave of absence applications must be submitted to Enrollment Services prior to the start of the term for which the leave is being requested.

Leave of Absence are granted for future terms only, and are not granted retroactively 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.

A student is expected to return from an approved leave of absence within 180 days from the date of the approved leave. Students who have taken a Leave due to medical reasons might be required to submit documentation before being eligible to re-enroll. 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. No financial aid or additional fees will be assessed during the leave of absence period.

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

Withdrawal

Official Withdrawal from Courses

An official withdrawal refers to an action taken by a student to discontinue enrollment after the drop period has expired. The course is recorded on the transcript with a grade of W.

- **Course Withdrawals/Partial Withdrawals** - when a student withdraws from one or more classes, but remains enrolled in at least one class.
- **Term/Session Withdrawals/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.

Unofficial Withdrawal

An unofficial withdrawal refers to a student who fails to attend or ceases to attend one or more classes without officially withdrawing from the university. The course is recorded on the student's transcript with a grade of UW.

Course Drop

A course drop is an action taken by a student prior to the start of, or during the term. The dropped course does not appear on his/her transcript. Please refer to the University Add/Drop Policy for details on course drops.

Official Withdrawal Deadlines

- **Withdrawal from full-semester courses** - 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.
- **Withdrawal from Summer Session courses or courses meeting for shorter sessions within the regular fall/spring semesters** - Students may officially withdraw according to the schedule below:
 - 12 week sessions – withdrawals permitted through the 8th week
 - 10 week sessions – withdrawals permitted through the 7th week
 - 7 week sessions – withdrawals permitted through the 5th week
 - 6 week sessions – withdrawals permitted through the 4th week
 - 5 week sessions – withdrawals permitted through the 3rd week
 - 2 week sessions – withdrawals permitted

through the 7th day

- 1 week sessions – withdrawals permitted through the 3rd day

Withdrawal Methods

The University permits students to withdraw from a course, session, or term in the following manner:

Process through MyLIU - Students should use their MyLIU portal to withdraw from courses online until the withdrawal deadlines as detailed in the "Official Withdrawal Deadlines" section above.

Submit Completed Withdrawal Application Form

- Students who are unable to withdraw online must submit a signed and completed Withdrawal Application Form to the Office of Enrollment Services by the withdrawal deadline.

Withdrawal Impacts

Effective Date of Withdrawal

The withdrawal date 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 Refund Policy

- **Official Withdrawals and Drops:** The effective date of drops and/or withdrawal will determine the student tuition liability due or refund due to the student. See Tuition Liability Policy for additional details, including refunds for room and/or board charges. The university has a published Appeals Policy for students who wish to appeal tuition charges and fees due.
- **Unofficial Withdrawals:** The student is responsible for all associated tuition charges and fees.

Transcript/Grades

- **Official Withdrawals:** A grade of W will be assigned for the course or courses and will appear on the student's transcript.
- **Unofficial Withdrawals:** A grade of UW will be assigned for the course or courses and will appear on the student's transcript.
- **Drops:** The course will not appear on, or will be removed from the student's transcript.

Credits Attempted/Earned

- **Official Withdrawals:** The course or courses will be considered attempted but not earned.
- **Unofficial Withdrawals:** The course or courses will be considered attempted but not earned.
- **Drops:** The course or courses will neither be considered attempted nor earned.

Grade Point Average

Withdrawn or dropped courses do not affect a student's grade point average.

Financial Aid Adjustments

- **Change in Student Status:** 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.
- **Cancellation of Financial Aid:** Students will have their financial aid cancelled 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 cancelled. See Appeals Policy and SAP Policy for additional details.
- **Return of Federal Funds:** 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.

Residential Life

Students residing in on-campus housing must contact the Office of Residence Life upon withdrawal from the university. Students must follow proper check-out procedures and must vacate their campus housing 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.

Future Enrollment

Students who withdraw from all courses may be subject to readmission. 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 transcript.

Special Program Participation

- **Athletics:** In accordance with NCAA regulations, all intercollegiate athletes must notify the Athletic Department and Office of Admissions when partially or fully withdrawing from the university.
- **Veterans:** In accordance with 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.

Alternatives to Withdrawal

Schedule adjustments

When contemplating a withdrawal due to scheduling conflicts, students should discuss their situation with their academic advisor, academic

dean, or the Office of Enrollment Services to see if accommodations can be made.

Incomplete Grades

For some students, receiving an incomplete grade and finishing the coursework at a later time may be a better option than withdrawing from the university. Students should be advised to discuss this option with their instructor, academic advisor or academic dean.

Refund of Tuition in Cases of Withdrawal

When a student withdraws from courses, the university refunds tuition as outlined in the Withdrawal Policy (please see the Tuition and Fee Schedule).

Audit Policy

Selected classes may be audited on a non-credit basis. Auditing status must be elected at the time of registration for the class. *Please note: The laboratory component of all science courses cannot be audited.*

Transcript Requests

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

Option 1:

Currently Enrolled Students - Login to the My LIU portal and select "Order Transcripts Online." Cost: \$15.00 per transcript.

Option 2:

Alumni or Students Not Currently Enrolled - Order transcripts online (Credentials, Inc.) through TranscriptsPlus. You can submit a transcript request 24 hours/day, 7 days/week. Be assured that TranscriptsPlus uses current web encryption technology and your information is secure. Cost: \$15.00 per transcript.

Option 3:

Customer Service Telephone Requests - By calling the toll free customer service number at 1-800-646-1858, you can request a transcript over the phone. An additional \$10 processing fee will be added to your order. (\$25 total per transcript order.)

Option 4:

In-Person "On Demand" transcripts- You may come to the campus Enrollment Services Office, show picture ID, and official transcripts can be printed for you on the spot. Please call 516-299-2323 for office hours. Cost: \$25.00 per transcript

If you wish to release your transcripts to a third party for pick up, you must provide signature authorization for that request. The third party will be required to show photo id.

Essential information to be furnished should include:

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

Many transcripts do not reach their proper destination in time because incomplete and inaccurate information is included in the original request. Please be sure to provide accurate addressee information when requesting official transcripts.

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

For more information, visit the LIU Post Enrollment Services' website at:
<http://liu.edu/CWPost/Enrollment-Services/Registration/Transcript-Orders>

TUITION AND FEES

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

Acceptable payment arrangements include:

- Payment in full using check or credit card;
- Approved financial aid covering all charges;
- Signed and approved University Payment Plan; and/or
- Participation in an approved third-party payment agreement.

A student who complies with any combination of the above shall be considered in good financial standing, so long as all conditions are met throughout the term. All payment arrangements must be completely satisfied or late payment fees and/or penalties will be applied to your account. Students who fail to make satisfactory payment arrangements on delinquent past due balances may be referred to an outside collection agency or attorney, where additional fees and penalties may be charged to their account (up to 30 percent of unpaid charges), including reasonable attorney's fees, as permitted by applicable law. Accounts referred to outside collection agencies may also be reported to one or more of the national credit bureaus. All policies can be found online at www.liu.edu/enrollment-services.

Rate Schedule

Application Fee (non-refundable)	\$50
Tuition Deposit (non-refundable)	200
Bachelor's Degree and Undergraduate Studies, 12+ credits, per term	17,519
Bachelor's Degree and Undergraduate Studies, per credit	1,093
Undergraduate Audit Fee, per credit	547
Dining Dollars, 9+ credits, per term	50
University Fee:	
12+ credits, per term	920
Less than 12 credits, per term	460
Course Fees (additional fee per class):	
MUS 32A, 32B, 49A, 49B, 49C, 49D, 49E, 49F 50A, 50B, 51A, 51B, 52A, 52B, 53A, 53B, 53C, 53D, 54A, 54B, 54C, 54D, 60A, 60B, 61A, 61B, 62A, 62B, 63A, 63B, 64A, 64B, 64C, 64D, 65A, 65B, 70A, 70B, 70C, 70D, 71A, 71B, 72A, 72B, 72C, 72D, 73A, 73B, 74A, 74B, 80A, 80B, 80C, 80D, 83A, 83B, 83C, 83D, 84A, 84B, 85A, 85B, 88A, 88B, 89A, 89B	475
PE 116, 117, 118	375
PE 165, 166	250
PE 167	675
ENG 13, 13X, 14, 14X	800
MUS 15I, 15P, 15T, 15V, 16I, 16P, 16T, 16V, 115I, 115P, 115T, 115V, 116I, 116P, 116V	325
NUR 199, 295, 390, 492	500
Other Fees:	
Orientation Fee	150

First and Second Late Payment Fee	150
Third Late Payment Fee	200
Maintenance of Matriculation Fee	100
Late Graduation Application Fee	50
Returned Check/Credit Card Chargeback Fee	25
Diploma Replacement Fee	35
Replacement Student ID Card	25
Official Transcript, on demand, per request	25
Official Transcript, online, per request	15

Residence Life Rates

ACCOMMODATIONS (per term)

Housing Deposit (non-refundable)	\$300
Super Single	6,711
Super Single*	6,919
Compact Single	5,254
Compact Single*	5,462
Double	4,266
Double*	4,478
Triple	4,079
Triple *	4,281
Quad	4,266

* Temperature Controlled

MEAL PLANS (per term)

Residential Meal Plan 1 (unlimited meals plus \$300 dining dollars)	2,594
Residential Meal Plan 2 (14 meals per week plus \$300 dining dollars)	2,373
Residential Meal Plan 3 (10 meals per week plus \$300 dining dollars)	2,152
Dining Dollars+ Plan (\$200 additional dining dollars)	200
Commuter Meal Plan 1 (25 meals plus \$50 dining dollars)	228
Commuter Meal Plan 2 (50 meals plus \$50 dining dollars)	367

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

Financial Policies

Payment Due Dates

Term	Bill Available	Bill Due Date
Fall	June 15	August 1
Winter	November 1	December 1
Spring	December 1	January 1
Summer	May 1	June 1

Please note that your invoice is subject to change. Charges are subject to change based on changes made to courses, credit loads, housing and meal selections. Charges may also change to reflect fees and fines. Anticipated aid and financial aid credits are not guaranteed. Students must meet and maintain all program eligibility requirements, complete all required procedures, and submit all requested documents. Financial aid is traditionally based on full-time status and is therefore subject to proration and/or termination if you are not enrolled full-time.

Your MyLIU portal makes it easy to manage your college finances and to

pay your bills online, 24/7, so that you can concentrate on your studies and make the most of your education.

- To view your bill, log in to your MyLIU account. Your My LIU Student Center page will be displayed. Click on the “Account Inquiry” link from within the “Finances” section, and your balance will appear.
- To pay your bill online by using a credit card or check, click on the “Make a Payment” link from the Student Center home page, or from within the “Account Inquiry” section to access the My LIU Payment Gateway. The LIU Payment gateway a secure online terminal that allows you to make a deposit, pay your bill, or set up an online payment plan.

Late Payment Assessment

Fall Term	Amount
August 15	\$150
September 15	150
October 15	200
Winter Term	
1st Day of Classes	\$150
Spring Term	
January 15	\$150
February 15	150
March 15	200
Summer Term	
July 15	\$150

Liability Calendar

Students are responsible for knowing that they are registered for classes, that they are expected to pay for these 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 your tuition and fee liability, if any, is based on the date of your official withdrawal or drop in accordance with University policy:

Traditional Fall/Spring Terms

Withdrawal Date	Liability
Week 1	0%
Week 2	0%
Week 3	50%
Week 4	75%
Week 5+	100%

Summer and Other Sessions Seven Weeks or Greater

Withdrawal Date	Liability
Week 1	0%
Week 2	50%
Week 3+	100%

Summer and Other Sessions Three to Seven Weeks

Withdrawal Date	Liability
Day 1-2	0%
Day 3-5	50%
Day 6+	100%

Winter and Other Sessions Two Weeks or Less

Withdrawal Date	Liability
Day 1	0%
Day 2	50%
Day 3+	100%

Room and board charges must be cancelled through the Residence Life Office. Liability for these charges will be pro-rated based on occupancy dates and assessed at the time of cancellation. Students requesting a review of their tuition and fee liability must complete the University's Appeals Form for Student Withdrawals in accordance with University policy and submit all required supporting documentation.

Payment Plans

Payment Plans

The University offers students and families the ability to pay your tuition bill in installments using our new online payment plan system. These plans can help families budget the cost of tuition and fees by spreading out the cost over a number of payments each term. Enrolling in a payment plan is easy - simply log into the LIU Payment Gateway, pick a plan that meets your needs, and enroll. 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:

	Fall Payment Plan	Spring Payment Plan	Summer Payment Plan
Enrollment Fee	\$35	\$35	\$35
Enrollment Dates	Jun 15 - Oct 15	Nov 1 - Feb 28	May 1 - Jun 30
Balance Calculation	All applicable charges, less any approved financial aid. Your plan will automatically recalculate if changes are made to your student account or financial aid during the payment plan term.		
First Payment	20% plus fee upon enrollment	20% plus fee upon enrollment	33% plus fee upon enrollment
Remaining Payments	Four equal installments due 30, 60, 90 and 120 days from your enrollment date	Four equal installments due 30, 60, 90 and 120 days from your enrollment date	Two equal monthly installments
Late Payment Fee	\$25 if payment is not received within 5 days of the scheduled due date.		
Payment Methods	Mastercard, Visa, American Express, Discover, or ACH/Checking Account; auto deduction options are also available.		
How to Enroll	Log into your MyLIU account and select "Make a Payment." Then log into the LIU Payment Gateway and select "Payment Plans."		
Authorized User Access	Yes. You must first set up an authorized user.		

Student Health Insurance

Long Island University has partnered with Gallagher Student Health & Special Risk to develop a cost-effective Student Health Insurance Plan that provides our students and families with robust medical coverage at school, back home, and while traveling or studying abroad. The plan is fully compliant with Federal Health Care Reform and offers students access to a network of doctors, hospitals, and pharmacies throughout the country. All international students, clinical students, residential students, LIU Global students and intercollegiate athletes are automatically enrolled in the Plan but can waive participation online at www.gallagherstudent.com/liu if they have comparable coverage under a family plan or other policy. Students who enter during the spring and summer terms can also participate in the plan with shorter coverage period, reduced rates, and specific enrollment/waiver deadlines.

Beginning on July 1st, students can go to their MyLIU account and click on the "Student Health Insurance" link from the Student Center Home Page to enroll in the Plan, print ID cards, check claims, or waive coverage. Coverage begins on August 15, which represents the start of the plan year, and extends through August 14. **Remember that if you have been automatically enrolled in the plan and wish to waive coverage, you must go online and receive confirmation by the waiver deadlines listed below.** If you require additional assistance, please call the Office of Student Financial Services at 516-299-2553.

Enrollment Waiver Periods

Annual Plan: July 1 - September 30

Spring Plan: January 1 - February 15

Summer Plan: May 15 - July 15

Annual Rate

- Mandatory and Compulsory/Hard Waiver Students - \$2,488

NOTES:

- New students who enter during the spring or summer terms will participate in the Plan with prorated coverage periods and rates.
- Please note that the rates listed above are subject to change based on claims paid in the current year.

FINANCIAL AID

Long Island University awards financial aid in an effort to help students meet the difference between their own resources and the cost of education. All awards are subject to availability of funds and the student's demonstrated need. Renewal of assistance depends on 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 Office website at www.liu.edu/enrollment-services.

Many awards are granted on the basis of scholastic merit. Others are based on financial need. However, it is also possible to receive a combination of awards based on both. Thus, University scholarships or fellowships may be granted by themselves or in conjunction with student loans or Federal Work-Study employment. In order 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 to the Enrollment Services Office and to notify them immediately of any changes or corrections in his or her 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 the Enrollment Services Office if he or she subsequently decides to decline all or part of that award. Failure to do so may prevent use of the award by another student. If a student has not secured his or her 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 his or her financial aid.

Application Process

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. Students should give permission on the FAFSA for application data to be sent directly to Long Island University (the LIU federal school code number is

002751 and our New York State code is 0403). Entering freshmen should submit the application by February 15 for the fall term or by November 1 for the spring term. Returning undergraduates and transfer students should apply no later than March 1. Students requiring summer financial aid must make an appointment with an Enrollment Services counselor in addition to completing the FAFSA and TAP application.

To be considered for financial aid, students must be classified either as US citizens or as eligible noncitizens, be officially admitted to LIU or matriculated in a degree program and making satisfactory academic progress toward degree requirements. Students in certain certificate or diploma programs may also be eligible for consideration. Generally, University-administered aid is awarded to full-time students. Part-time students (fewer than 12 but at least 6 credits per semester) may be eligible for Federal loans but must also maintain satisfactory academic progress. Part-time undergraduate students may also be eligible for Aid for Part-Time Study (APTS) (New York State residents only—separate application is necessary) or for Pell Grants.

RENEWAL ELIGIBILITY

Financial aid awards are not automatically renewed each year. Continuing students must submit a FAFSA each year by the LIU deadline, continue to demonstrate financial need, make satisfactory progress toward degree requirements, and be in good academic standing. For institutional scholarships, students must generally maintain full-time enrollment and a cumulative GPA of 3.0 to have their awards renewed. Any break in enrollment without an approved deferment on file with the Enrollment Services office will result in a loss of your scholarship. Please visit our renewal policy on the web at www.liu.edu/enrollment-services.

WITHDRAWAL

Those receiving federal aid who withdraw completely may be billed for remaining balances resulting from the mandatory return of funds to the U.S. government. The amount of federal aid "earned" up to that point is determined by the withdrawal date and a calculation based on the federally prescribed formula. Generally, federal assistance is earned on a pro-rata basis.

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 is able to 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 and fees; they can range from \$500 to full tuition and fees and do not require repayment. Need-based scholarships do not automatically renew for the same amount in subsequent years.

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.

LOAN PROGRAMS

Federal Perkins Loan Program

The University administers the Federal Perkins Loan Program, supported by the federal government. The University determines eligibility for a Perkins Loan based on a student's financial need and availability of funds; students are considered for this loan when they apply for financial aid. Long Island University generally awards Perkins Loans to the neediest full-time students only. Perkins Loans are made possible through a combination of resources: an allocation from the U.S. Department of Education, a contribution from Long Island University, and repayments by previous borrowers. The annual interest rate is currently 5%, and interest does not accrue while the student remains enrolled at least half time. Perkins loans are no longer available for new borrowers.

PART-TIME EMPLOYMENT

LIU Career Connect

Most 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 biweekly basis and are normally used for books, transportation, and personal expenses. Jobs are available through the LIU Career Connect website at <http://career.liu.edu>. It is not necessary to be awarded work-study earnings in order to use LIU Career Connect. All students may use the site as soon as they have registered for the term and may also wish to use the site as a resource for summer employment. Extensive listings of both on-campus and off-campus jobs are available, as well as internships.

Resident Assistantships

Resident assistants reside in the residence halls and are responsible for organizing, implementing, and evaluating social and educational activities. Compensation may include room and/or board. Applications and further information may be obtained from the Residence Life Office on

campus.

ALL OTHER SOURCES OF AID STATE GRANTS

New York State and other states offer a variety of grants and scholarships to residents. Although 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 12 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/nys-tap.html.

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 \$100,000 annually in the Fall of 2017, increasing to \$110,000 in 2018, and reaching \$125,000 in 2019. ETA recipients can receive up to \$6,000 through a combination of their TAP award, ETA award and a match from their private college. Students are eligible to get an award for up to two years when pursuing an associate's degree and 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 award will be prorated.

Aid for Part-Time Study (APTS)

A financial aid program to help New York State residents pursuing part-time undergraduate degree study offers awards in amounts of up to \$2,000 per academic year. The amount of an award is determined by Long Island University. To be eligible, the student must have filed a FAFSA and demonstrated financial need, must not have exhausted his or her TAP eligibility, must be otherwise eligible for financial aid, and must be enrolled for 3 to 11 credits per term. Applications and deadlines are available at the Enrollment

Services office.

Arthur O. Eve Higher Education Opportunity Program (HEOP)

The Higher Education Opportunity Program provides assistance to NYS residents who are academically and financially disadvantaged, according to state guidelines. Learn more by visiting the HEOP Office on campus.

Additional State Programs

Flight 3407 Memorial Scholarship - Provides financial aid to children, spouses and financial dependents of individuals killed as a direct result of the crash of Continental Airlines Flight 3407 on February 12, 2009.

Flight 587 Memorial Scholarship - For the families and financial dependents of victims of the crash of American Airlines Flight 587 on November 12, 2001.

Military Enhanced Recognition Incentive and Tribute - MERIT Scholarship, also known as Military Service Recognition Scholarship (MSRS) - Provides financial aid to children, spouses and financial dependents of members of the armed forces of the United States or of a state organized militia who, at any time on or after Aug. 2, 1990, while a New York State resident, died or became severely and permanently disabled while engaged in hostilities or training for hostilities.

NYS Math and Science Teaching Incentive Scholarship - Provides grants to eligible full-time undergraduate or graduate students in approved programs that lead to math or science teaching careers in secondary education.

NYS Memorial Scholarship for Families of Deceased Firefighters, Volunteer Firefighters, Police Officers, Peace Officers, and Emergency Medical Service Workers - Provides financial aid to children, spouses and financial dependents of deceased firefighters, volunteer firefighters, police officers, peace officers, and emergency medical service workers who have died as the result of injuries sustained in the line of duty in service to the State of New York.

NYS Scholarships for Academic Excellence - Awarded to outstanding graduates from registered New York State high schools. Awards are based on student grades in certain Regents exams. For up to five years of undergraduate study.

NYS World Trade Center Memorial Scholarship - Guarantees access to a college education for the families and financial dependents of the victims who died or were severely and permanently disabled in the Sept. 11, 2001 terrorist attacks and the resulting rescue and recovery efforts.

New York State Achievement and Investment in Merit Scholarship (NY-AIMS) - The New York State Achievement and Investment in Merit Scholarship provides high school graduates who excel academically with \$500 in merit-based scholarships to support their cost of attendance.

NYS Aid to Native Americans - Provides aid to enrolled members of tribes listed on the official roll of New York State tribes or to the child of an

enrolled member of a New York State tribe.
NYS Regents Awards for Children of Deceased and Disabled Veterans - Provided to students whose parent(s) have served in the U.S. Armed Forces during specified periods of war or national emergency.

Segal AmeriCorps Education Award - Provided to New York State residents interested in high quality opportunities in community service.

Veterans Tuition Awards - Vietnam, Persian Gulf, Afghanistan, or other eligible combat veterans matriculated at an undergraduate or graduate degree-granting institution or in an approved vocational training program in New York State are eligible for awards for full or part-time study.

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 the Enrollment Services office in advance of registration.

FEDERAL GRANTS AND BENEFITS Pell Grant Program

The Federal Pell Grant Program provides assistance to 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.) By submitting the Free Application for Federal Student Aid (FAFSA), you also apply for a Federal Pell Grant.

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 are very limited.

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 is also an annual participant in the Yellow Ribbon Program. Additional guidance may be obtained from the Enrollment Services office or at the US

Department of Veterans Affairs website at www.benefits.va.gov/GIBILL/index.asp.

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 organizations. 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. Interest rates are fixed at 4.45% for undergraduate loans.

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 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 Direct loans combined, visit the US Department of Education website at www.studentaid.ed.gov/sa/types/loans.

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. The interest rate is fixed at 7%. An origination fee will be deducted from the loan funds. PLUS loan disbursements are made copayable 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.studentloans.gov and select Apply for a PLUS Loan in the parent borrowers section.

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 a number of 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.

The university does not have a preferred lender for private loans; each student has the right to select the educational loan provider of his or her 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) in order for the University to certify your loan eligibility. Private loans that are used to cover prior semesters may 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. Generally speaking, electronic filing processing requires at least 72 hours before a lender will respond. 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. The complete process normally takes 7-14 business days.

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 notify the Enrollment Services Office if they receive this benefit.

Standards for Satisfactory Academic Progress (SAP)

Federal Financial Aid Programs

Federal regulations require students to make

satisfactory academic progress (SAP) toward the completion of a degree or certificate program in order to receive Title IV financial aid, which includes the Federal Pell Grant, Federal SEOG, Federal Work Study, Federal Perkins Loan and the Federal Direct Loan Programs. Satisfactory academic progress is measured qualitatively and quantitatively 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 criteria stated below are eligible to appeal this decision if extenuating circumstances played a factor in their academic performance. Examples of such circumstances could include an illness, accident, separation or divorce, or the death of a relative. An appeal must be made in writing to the university and include an explanation of the circumstance(s) that may have adversely affected the student's ability to meet the academic requirements, and the plan or changes that have occurred which will allow them to make SAP in the future. All appeals must be accompanied by supporting documentation, such as a letter from a doctor or attorney. If an appeal is granted, the student will either be placed on probationary status for one semester during which the student must meet SAP guidelines, or must successfully adhere to an individualized academic plan that was developed for them by their academic advisor as part of their appeal. Failure to meet these criteria will result in loss of eligibility for Title IV funds.

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

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

Credits Attempted	Credits Earned	Credits Earned	Cumulative GPA Required
0-29	50%	0 - 29	1.8
30-121	67%	30 - 59	1.9
122-192	80%	60 and above	2.0

Notes:

- Progress standards for part-time students are prorated based upon the criteria above.
- Qualifying transfer credits are counted as both attempted and earned credits but have no effect on the GPA..
- Grades of W (Withdrawal), UW (Unofficial Withdrawal), and INC (Incomplete) are

counted as credits attempted but not completed and do not effect 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 classwork that exceeds 150% of their degree requirements.
- Any departmental requirements that exceed these standards must be adhered to for the purposes of evaluating SAP.

New York State Awards

Tuition Assistance Program (TAP)

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

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

- Pursuit of Program: A student must receive a passing or failing grade (A-F) in a certain percentage of courses each term.
- Satisfactory Academic Progress: A student must accumulate a specified number of credits and achieve a specified cumulative grade point average (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 established 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 academic performance. Examples of such circumstances could include an illness, accident, separation or divorce, or the death of a relative. An appeal must be made in writing to LIU and include an explanation of the circumstance(s) that may have adversely affected the student’s ability to meet the academic requirements, and the plan or changes that have occurred which will allow them to make SAP in the future. All appeals must be accompanied by supporting documentation, such as a letter from a doctor or attorney. If a waiver is granted, the student will be eligible for the state award for the semester for which they were granted the waiver. The student must continue to meet the academic progress and pursuit of program requirements to receive further awards.

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

Standard Semester-Based Chart

Before being certified for payment:

Semester	Minimum credits accrued	Minimum GPA
1st	0	0

2nd	6	1.5
3rd	15	1.8
4th	27	1.8
5th	39	2.0
6th	51	2.0
7th	66	2.0
8th	81	2.0
9th	96	2.0
10th	111	2.0

Remedial Semester Based Chart

Before being certified for payment:

Semester	Minimum credits accrued	Minimum GPA
1st	0	0
2nd	3	1.1
3rd	9	1.2
4th	21	1.3
5th	33	2.0
6th	45	2.0
7th	60	2.0
8th	75	2.0
9th	90	2.0
10th	105	2.0

Notes:

- All students must be registered for a minimum of 12 credits per semester.
- A student 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 a student must meet are dependent upon when a student first received an award from New York State, as well as their remedial status.
- A student is placed on the chart above based upon their total TAP points received, including any award(s) received at a previous institution(s).
- To continue to receive TAP funding, a minimum number of credits must be completed each term, as well as on a cumulative basis.
- A student must maintain a minimum grade point average (GPA) prior to being certified for a TAP payment. This average increases as the student progresses in payment points.
- All students must have a cumulative GPA of 2.0 (a “C” average) or better after accumulating 24 or more payment points (e.g., 4 full time semesters).
- A student who is not making progress, and/or is not meeting the “C” average requirement may request a one-time waiver if extenuating circumstances affected their academic performance. A student may only receive this waiver once for New York State awards.

Enhanced Tuition Awards (ETA)

Award recipients 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 (\$100,000 or below for Fall 2017, \$110,000 or below for 2018, and \$125,000 or below for 2019).
- Must earn a passing grade in your coursework.
- Must be registered full time and earn at least 30 credits over the course of the year.
- 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.

CAMPUS LIFE AT LIU POST

The Office of Campus Life offers a variety of programs and services that enhance your experience at LIU Post. Whether you are looking for ways to make life-long friendships, explore professional and career interests, or enhance your leadership skills, we are certain there is a club, organization, group, or program for you!

Campus Life, housed in Hillwood Commons, offers the following programs:

- Campus Concierge
- Campus Programming & Involvement
- Community Standards
- Commuter Life
- Diversity and Cultural Programs
- Greek Life
- International Student Programming
- Leadership Programs
- LIU Cares Service and Volunteer Programs
- Living on Campus/Residence Halls
- New Student Orientation
- Post Pride & Traditions
- Student Organizations
- Transfer & Graduate Student Initiatives

Getting involved at LIU Post is easy and fun. With over 70 student organizations, and over 700 student events per year, Campus Life has something for everyone. You can learn more about opportunities by participating in the Campus Involvement Fair each semester. If you do not find a student organization that fits your interest, starting a new one is easy.

To find out more about Campus Life, visit www.liu.edu/post/campuslife, call us at 516-299-3594, or email post-campuslife@liu.edu.

Athletics

The LIU Post Department of Athletics has been listed as one of the top Division II athletic program in the East Region each of the past three years, including a No. 10 ranking in the NACDA/Learfield Sports Director's Cup Standings in 2013-14. The Pioneers have also captured four-consecutive East Coast Conference Commissioner's Cups, which is emblematic of the league's top program across its 18 championship sports.

Club Sports

The Club Sports Program at LIU Post is administered by the Department of Recreational Sports and is comprised of three club teams: Crew, Equestrian and Ice Hockey. The Club Sports Program provides a competitive sports opportunity for students. Club teams compete against schools in the tri-state region along with universities across the country.

Community Service and Interfaith Center

Our 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 20,000 students, 3,500 faculty and staff, and 200,000 alumni to the power of service through volunteerism and community engagement. Visit liucares.org to find out more. Students can support a cause that is important to them or create their own. Our students devoted more than 25,000 hours in community service last year, securing a spot on President Obama's Community Service Honor Roll. For more information on service opportunities, contact liucares.org or the Office of Campus Life at 516-299-3594 or email post-campuslife@liu.edu.

The Interfaith Center celebrates the diversity of religious experience and faith traditions represented in the LIU Post community. At the Interfaith Center individuals are encouraged to develop a deeper understanding of one's own traditions; and, to learn about, respect, and appreciate the religious traditions of others.

Community Standards & Civic Engagement

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

A student who is allegedly in violation of the Code of Conduct is referred to the Office of Campus Life to meet with the associate director of community standards or designee. They provide a fair and educational adjudication process of students. The goal of the process is to promote an understanding of ethical behavior, to encourage personal development, and to develop a sense of importance to becoming a positive contributing member of the community.

Code of Conduct

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

life at LIU Post can develop in an atmosphere conducive to learning and personal growth. The LIU Post Code of Conduct is founded on the principles of student conduct set forth in the Ethos Statement: respect for oneself, respect for others, respect for property, respect for authority, and honesty.

Until evidence to the contrary is observed, the campus presumes that students are motivated by the desire to improve their capabilities and to help others to do so, that they possess a sense of honor and are trustworthy, and that they are mature individuals, capable of behaving accordingly. Students who violate the rules and regulations must expect that appropriate disciplinary actions will be taken.

The complete version of the Ethos Statement and our Code of Conduct can be found on our website.

Greek Life

Greek Life represents a large part of the campus life experience at LIU Post. 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 your academic and leadership endeavors through the Greek honor societies. LIU Post is one of the fastest growing Greek communities in the region and is home to many of the nation's largest fraternities and sororities.

You can join a fraternity or sorority at any time during your career by participating in "Meet the Greeks" and by registering for fall or spring recruitment process.

Fraternities:

- Alpha Phi Alpha Fraternity, Inc.
- Theta Chi
- Phi Iota Alpha Fraternity, Inc.
- Phi Sigma Kappa
- Sigma Alpha Epsilon
- Tau Kappa Epsilon

Sororities:

- Alpha Epsilon Phi
- Alpha Xi Delta
- Delta Zeta
- Sigma Delta Tau

Greek Life Honor Societies:

- Order of Omega
- Gamma Sigma Alpha
- Rho Lambda

Living on Campus

As a LIU Post residential student, you will be part of an exciting college community that attracts students from all over the world. Eight campus residence halls of over 1100 students are tailored to individual needs, from honors college housing to semi-private suites. Living on campus allows you to become totally immersed in college life. You will enjoy the freedom of living on your own,

while meeting new people and making lasting friendships. Living at LIU offers:

- Options for singles, doubles, triples, and suite-style
- All utilities and laundry included
- Convenient online housing and roommate selection process
- Late-night access to Pratt Fitness and Recreation 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 through the Resident Student Association and National Residence Hall Honorary

Residence Halls

- Brookville Hall
- Kings Hall
- Nassau Hall
- Post Hall
- Riggs Hall
- South Residence Complex
- Suffolk Hall
- Queens Hall

To find out more about campus life and see the complete listing of residential policies and procedures, please see the student handbook or contact the Office of Campus Life at 516-299-3594 or post-campuslife@liu.edu.

Public Safety

Emergencies: 516-299-2222

Non-Emergencies: 516-299-2214

Email: post-PublicSafety@liu.edu

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

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

www.liu.edu/Post/PublicSafety. You can also obtain a PDF copy of the Annual Security and Fire Report by accessing the following website: www.liu.edu/Post/PublicSafety. A hard copy will be mailed with in ten (10) days of the request.

Emergency Management

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

An efficient snow and emergency school closing system is in place to ensure our students, faculty and staff is informed of closings immediately via LIU Post homepage, text, emergency closing hotline (516-299-EMER) as well as local radio and television stations.

Recreational Sports

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

and alumni as well as members of the local community.

Student Government Association (SGA)

The Student Government Association works with all clubs at LIU Post, handling requests and budgetary issues and instituting regulations. SGA serves as an outlet for student voices to be heard by working closely with the administration and faculty to enhance the overall campus experience. All members share the common goal of bettering the campus community.

SGA includes an executive board, class presidents, commuter senators, resident senators, transfer senators, international senators, and at large senators to represent all students. In addition, SGA divides their services into four committees: Campus Quality and Security; Campus Life; Academic; and Budget and Allocations. Each committee works diligently to give the student body what they need, want, and expect.

SGA has weekly general meetings. These are open to the public, please come and have your voices be heard.

LIU POST FACILITIES

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.

Broadcasting 24 hours a day, WCWP 88.1 FM, is a non-commercial community public radio station. WCWP serves the community with an eclectic mix of public service programs, music, and sports programming. Journalism students create and deliver a nightly newscast during the academic year. All students are invited to join the staff of WCWP.

myWCWP.org is a multi-formatted, student-operated Internet radio station and learning laboratory for the Communications and Film Department as well as for students majoring in other disciplines. myWCWP can be heard on the Campus cable channel and on the internet every day of the year at www.myWCWP.org.

The joint mission of WCWP Radio is to foster the individual and collective growth of the students and staff while providing programming that serves the needs and interests of the campus and off-campus communities.

Center for Healthy Living

Wellness is essential to academic success. The Center for Healthy Living is open Monday through Friday from 9 a.m. to 5 p.m., and offers individual counseling for anxiety, depression, stress, self-esteem, nutrition, crisis management, LGBTQ support and advocacy, and adjustment to college life. The center also provides educational programming in alcohol and drug prevention and referrals for both on-campus and off-campus resources. The staff is dedicated to helping our students feel comfortable discussing personal issues and having a successful college experience.

Our medical services include a nurse on staff. Students in need of further medical attention from doctors are referred to the NYIT Academic Health Center located a short distance from LIU Post. NYIT Academic Health Center is open Monday through Friday from 9 a.m. to 5 p.m. Students require health insurance to be seen by the doctors of NYIT.

Center for Healthy Living

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

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

Hours:

9 a.m. - 5 p.m., Monday through Friday

Communications & Film Department Labs

Television Facility

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

Journalism/Public Relations Lab and Newsroom

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

Digital Art and Design Lab

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

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, flexible workspace, and professional-level software for all aspects of game development. This lab is located in Humanities Hall room 206.

Hillwood Commons

Hillwood Commons is the student and community hub of LIU Post. The commons features multiple dining options, programming space, the Bethpage Federal Credit Union Bank, the LIU Post Bookstore, and various student run businesses. Hillwood is also home to the Offices

of Campus Life, LIU Promise, Conference Services, and the Dean of Students.

Hillwood Commons provides LIU Post students, faculty, staff and guests with a comfortable and accessible gathering place for all types of social activity, both formal and informal. Hillwood Commons is adjacent to the Tilles Center for the Performing Arts. Hillwood 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.

Jerrold Mark Ladge Speech and Hearing Center

The J.M. Ladge Speech and Hearing Center at LIU Post 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 (individually or in groups) 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. We offer state-of-the-art care for discounted fees and at flexible times. For more information, call the Ladge Speech and Hearing Center at 516-299-2437 or view our website at

<http://www.liu.edu/CWPost/Academics/College-of-Education-Information-and-Technology/Centers-Resources/Ladge-Speech-Hearing-Center>.

LIU Post Community Arboretum

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

In 2002, a 20-acre portion of the campus was designated as an arboretum featuring more than 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. LIU Post students studying biology and earth and environmental science often use the arboretum in their field research of plant life, floral development and structure, photosynthesis and ecology. For more information visit the arboretum website at www.liu.edu/arboretum.

Music Technology Laboratory

The Music Technology Lab in the Fine Arts Center features 14 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 Post 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 days, evenings and weekends seven days a week. For more information visit the website at www.liu.edu/post/recreationcenter.

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. Each doctoral candidate is required to complete a one-year externship at the PSC in their second year in the doctoral program while supervised by a licensed clinical psychologist.

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.

The PSC is a state-of-the-art facility on the LIU Post campus which contains two-way mirrors for observation of sessions by clinical supervisors, a room for play therapy with children, audio and video equipment for recording of supervised cases, conference rooms, and ample office space for testing and therapy sessions.

Steinberg Museum of Art

Steinberg Museum of Art serves as an integral part of the cultural resources at LIU Post. Each year the museum features exhibitions accompanied by lectures, demonstrations and symposia to enrich, explain and educate all students.

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

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

Student-Run Businesses

LIU students learn what it takes to run a business by running 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, along with new business initiatives to create real-world business experiences for more students.

The Student Body, Clothing Boutique

LIU's first student-run business, The Student Body, 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.

Hutton and Post

Looking for a tasty treat, grab and go salad or frozen yogurt? Visit Hutton and Post located in Hillwood Commons! Supporting products from local vendors, Hutton and Post has everything you need to satisfy your breakfast, lunch or snack cravings.

Browse

Browse offers a selection of popular technology brands and products, and is an authorized Apple products retailer. Students will find all the tools they need to power their LIU Post experience, from tablets and notebooks to all-in-one desktop computers and gaming consoles, as well as accessories. Students will benefit from the IT help desk, which they can use as a resource for technological needs and questions. In addition,

students working in the store will gain expertise as they work alongside certified Apple service help desk technicians.

Pioneer Nation Spirit Store

The Pioneer Nation spirit store sells LIU Post apparel, including clothes, gifts and accessories, especially anything a die-hard Pioneers' fan needs for Saturday football games and all days in between. The store also features the Pioneer Pantry with convenience items such as shampoo, conditioner and tissues and Greek Row selling items for the LIU Post Greek Life community.

Tilles Center for the Performing Arts

Tilles Center for the Performing Arts provides LIU Post with an internationally recognized venue for great performances, featuring the most important classical and popular artists of our time. The 2,200-seat concert hall, which adjoins Hillwood Commons, is the Long Island home to many of the world's finest performers, ensembles, Broadway tours and comedians. Tilles Center presents nearly 70 performances annually, incorporating every style from classical music, dance and opera to jazz, rock and hip-hop, including programs designed especially for families and children. LIU students receive substantial discounts on many Tilles Center events. The Box Office can provide current schedules and prices at 516-299-3100 or www.tillescenter.org.

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 Long Island Room, which serves as a campus meeting space; and, a student convenience store. The building is named for the father of LIU Post alumnus Gary Winnick.

STUDENT SERVICES AND RESOURCES

Bookstore

The official bookstore for LIU Post, located in Hillwood Commons, is where you can buy and rent textbooks. The store carries LIU Post and Pioneer apparel. The LIU Post Bookstore carries 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 Post online bookstore are delivered to LIU Post's bookstore.

Visit the bookstore at liunet.bncollege.com.

Disability Support Services

Disability Support Services (DSS)

Disability Support Services provides advocacy and coordination services at no charge to students with all types of disabilities including: physical, neurological, emotional, social, a 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 Americans with Disabilities Act As Amended (ADAAA).

Policy for Students with Disabilities

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

Students with disabilities who desire accommodations must submit appropriate documentation of their disability to the office of Disability Support Services (DSS) located in the Learning Support Center. Professional staff will review and evaluate this documentation, interview the student, and provide the student with completed accommodations forms for presentation to the teaching faculty. Campus departments will be notified, as necessary, of the need for additional accommodations noted in the student's documentation. Accommodations forms must be obtained each semester, before the semester begins. DSS files are confidential.

Accommodations

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 specialist that establishes the nature and extent of the disability and includes the basis for the diagnosis and the dates of testing. The documentation must establish the current need for an accommodation. More specific information on documentation requirements can be obtained by going to the DSS website at <http://www.liu.edu/post/learningsupport>. A student may contact the office of Disability Support Services by calling 299-3057 or emailing post-learningsupport@liu.edu.

Determining Eligibility

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

In reviewing the specific accommodation requested by the student or recommended by the physician/evaluator, DSS may find that while a recommendation is clinically supported, it is not the most appropriate accommodation given the requirements of a particular student's academic program. In addition, Disability Support Services may propose clinically supported accommodations that would be appropriate and useful for the student, but which neither the student nor the evaluator have requested.

Denial of Accommodations

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

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

Student Appeal

A student who disagrees with a DSS

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

Enrollment Services

Each undergraduate student at LIU Post is assigned a Success Coach to help them with their plan of study, degree requirements, academic progress, financial aid and career advice. Freshman receive guidance from Success Coaches in the Promise office located in Hillwood Commons, second floor, room 270. Transfer students who transfer 30 or more credits are guided by coaches in the Enrollment Services Office in Kumble Hall, second floor.

Success Coaches are an important source of guidance and information to assist students from their first semester at LIU Post until graduation. Registration of classes is conducted online through the My LIU student portal.

It is each student's responsibility to ensure that all degree requirements have been met.

Pre-Law Advising

Students interested in applying to law school after their studies at LIU Post should consult the pre-law advisor, a faculty member in the Political Science Department, at 516-299-2407. A variety of services and support programs are available to students interested in future careers in law.

Pre-Pharmacy

LIU Post also offers programs in Pre-Pharmacy in conjunction with the LIU Brooklyn campus, which is in walking distance from the LIRR train stop (Atlantic Terminal) in Brooklyn.

Pre-Medical Sciences Advisement Program

For students who are interested in pursuing a career in medicine, LIU Post offers a special academic and career advisement system. The LIU Post Pre-Medical Sciences Advisement Program is open to any undergraduate who is interested in a career in the medical field. Participants are assigned a faculty advisor who provides personalized assistance in selecting an undergraduate major and internship opportunities. The advisor also helps students gain experience through volunteer work and provides information on medical, dental or veterinary school or other post-graduate schools. Additionally, Pre-Medical Sciences faculty assist students with assembling letters of recommendation and other materials needed to complete graduate school applications. Our program has successfully helped hundreds of students achieve their goal of becoming physicians, dentists, veterinarians and specialists in the allied health industry.

Academic Requirements

A student who wishes to pursue a career in medicine may choose any major, keeping in mind that medical schools seek applicants with good

liberal arts backgrounds. The professional schools require the following minimum science courses:

- One year of General Biology (BIO 103 and 104)
- One year of General Chemistry (CHM 3 and 4)
- One year of Organic Chemistry (CHM 21 and 22)
- One year of General Physics (PHY 3 and 4 for which calculus is a prerequisite or PHY 11 and 12 for which calculus is not a prerequisite)
- One semester of Microbiology (BIO 250) and one semester in Biochemistry (CHM 71)

Pre-medical students should attempt to complete these requirements before the end of their junior year at LIU Post so that they are prepared to take the MCAT (Medical College Admissions Test), DAT (Dental Admissions Test), GRE (Graduate Record Examination) or OAT (Optometry Admissions Test) in the spring of their junior year.

Pre-Medical Student File

After registering with the chair of the Pre-Medical Sciences Advisement Committee, the student will be asked to complete a file that will be used to formulate an overall evaluation of his/her ability, personality and commitment. The student file will consist of an autobiography, academic appraisals from faculty, interview evaluations, and descriptions of volunteer work and other non-academic recommendations from employers, physicians, dentists, or others. The student's file forms the basis of the composite letter of recommendation to the professional schools. Most health professional schools prefer a committee letter to support the student's application.

Committee Letter of Recommendation

When the pre-medical student has completed the requirements for the professional school, taken the professional school admission test, and completed his/her file, the sponsor, together with the chairman of the Pre-Medical Sciences Committee will write a composite letter based on the contents of the student's file, which will be sent to those professional schools to which the student has applied.

Internships and Career Planning

LIU Post's LIU Promise Career Success and Employer Relations offices organize internships that allow you to earn money while exploring the medical fields. These offices hold career fairs and seminars to discuss the range of internships. In the area of medicine, typical opportunities include internships in a hospital, physician's office or clinic, and even the county medical examiner's office. These also result in hands-on experience and recommendations for professional school applications or future employment.

Clubs for Pre-Medical Students

- **Beta Beta Beta National Biological Honor Society** - Student members engage in scientific research, present papers at national and local conferences and have access to the latest information in the biological field.
- **Pre-Med Club** - This club for Pre-Medical students offers bi-weekly meetings, lectures,

seminars and networking events with prominent health care professionals to help you prepare for a future in the medical profession.

Enhanced Academic and Career Opportunities

Enhanced academic and career opportunities, or experiential education, include the following options:

- Cooperative Education
- Internships
- Student Research
- Student-Run Businesses
- Study Abroad

These experience-enriched activities give students a decisive advantage in their career fields by providing them with professional level experience. Such activities encourage learning experiences that build professional connections and credentials.

For further information about opportunities available to students, contact LIU Promise or Enrollment Services.

Cooperative Education

Cooperative education offers students an opportunity to gain professional work experience related to their career interests while they are still in school. Students can have as many as five different co-op work experiences during the fall, spring or summer semesters. Each completed semester of work experience is listed on the student's transcript. Students who participate in cooperative education have the opportunity to test career alternatives in realistic work settings, gain practical pre-professional experience, develop relationships with professionals in their field, and earn a salary to help finance their college education.

In addition, cooperative education students are offered career counseling to prepare them for their work assignments in business, government and not-for-profit agencies. Students are assisted in identifying their strengths, conducting career-related research, preparing resumes, and developing interviewing techniques. LIU Promise Career Success Coaches continue to assist students with their career development throughout their LIU experience.

Experienced Enriched Education (EEE) is a prerequisite for a cooperative education placement. This four week, pre-placement seminar is designed to prepare the student for the "world of work." Topics include resume writing, interviewing techniques, the cover letter, company and career research, and networking.

Co-op Articulation Agreement for First Year/Transfer Students

Entering first year/transfer students who have participated in a school-sponsored co-op program at their high school or college are eligible to apply for a co-op placement through LIU Post's co-op program upon completion of registration.

Career Success

Career Success services are available to assist students of LIU Post. Enrollment Services and LIU Promise offer group and individual counseling to all students who request it, and provides information on career opportunities in business, government, education and other professional fields, as well as training programs, field experiences, and graduate school information. Listings of summer and part-time jobs are also maintained in an online database.

Students are assisted in the technique of finding a suitable position through seminars, workshops in resume and cover letter preparation, interview rehearsals, and interest testing. Notification of job openings is available through our LIU Career Connect portal. Students and alumni are eligible to participate in the on-campus recruitment program when employers come to campus to recruit personnel.

For further information about Career Success and advisement contact LIU Promise Career Success or visit: www.liu.edu/post/campuslife.

Study Abroad

Students who are currently attending LIU Post and 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 LIU Post affiliate programs or a non-affiliated program.

Programs that are affiliated with LIU Post include Regent's College in London as well as all LIU Global sites. Students participating in affiliate programs receive direct credits for courses - not transfer credits - and can apply most of their financial aid toward program costs, as if attending their home institution. For most affiliate programs, LIU tuition will cover tuition abroad; room and board fees will vary according to the program. Programs hosted by other universities, colleges or organizations are known as non-affiliated programs. Such programs need to be approved in advance by the Study Abroad Coordinator. Students participating in non-affiliated programs will receive transfer credits for courses taken abroad and must pay the tuition of the sponsoring institution.

Interested students should refer to the following guidelines, and are invited to obtain further information by contacting LIU Promise at 516-299-3737, located in Hillwood Commons. Additional information can also be obtained on the study abroad website at www.liu.edu/post/studyabroad.

1. Information Request: LIU Promise will assist students in choosing a suitable program and advise them of the correct procedure. All students interested in study abroad must receive the approval of the Study Abroad Coordinator before going abroad.
 - a) Accreditation: For non-affiliated programs, students should be aware that LIU Post will authorize students to attend only accredited

institutions of higher education abroad. A foreign institution's credentials will be examined by the Study Abroad Coordinator to determine eligibility. A student must present all available program information from the non-affiliated institution at which the student is interested in studying.

- b) Eligibility: Students who have completed at least two consecutive fulltime semesters at LIU Post and have a minimum grade point average of 3.0 at the time of their application are eligible to apply for study abroad programs.
2. Study Abroad Authorization Form: Once the Study Abroad Coordinator has met with the student and the student has been accepted to the program of his/her choice, the Study Abroad Coordinator will give the student the Study Abroad Authorization Form to complete with his/her Success Coach to ensure that all courses taken abroad will transfer back to LIU Post. Students wishing to take major courses abroad will need the department chair's signature on the Study Abroad Authorization Form. The Study Abroad Authorization Form must be signed by the Study Abroad Coordinator, the Success Coach, and the Department Chair (if major classes are being taken) before going abroad.
 3. Grades: Grades earned at affiliate programs will appear on the LIU Post transcript and will be computed into the student's grade point average. Grades earned at non-affiliated programs will not be computed in the grade point average and will appear on the LIU Post transcript as transfer credits. Only grades of C or better will be transferred.
 4. Residence: Courses taken at affiliate programs will count toward residency requirements (including the 32-credit senior residency requirement). Courses taken at non-affiliated programs will not count toward residency requirements for either senior residence or eligibility for graduation with honors.
 5. Financial Aid: Students participating in affiliate programs may use most of the financial aid to which they are normally entitled (including most institutional aid and excluding college work-study, music awards, and athletic grants), as students pay LIU tuition for these programs. Students participating in non-affiliated programs are eligible for federal aid programs only.
 6. Transcripts: Students attending nonaffiliated programs must arrange for an official transcript to be forwarded to LIU Promise.

Information Technology

George Baroudi, Vice President for Information Technology & CIO

Information Technology's (IT) role has transformed from being two divisions of academic computing and administrative computing services into a single unit that facilitates and fosters

technology innovations across the institution – moving the university ahead of the technology curve to build a competitive edge in higher education and to offer modern tools to our students, faculty, staff members and administrators.

The 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 maintains 30,000 internet-capable devices and 894 analog/digital telephones and 1,234 Cisco IP phones. That includes fiber optic and copper infrastructure throughout the buildings, firewall and security access, and wireless internet access. IT provides facilities technical support to campus residence halls, Pratt Recreation Center, Tilles Center, and Riverhead campus. IT also maintains the campus' security camera systems, cafeteria and retail space cash registers, Kronos Timekeeper for the facilities staff, 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.

As a further extension of the university's commitment to providing students with unique, real-world learning opportunities, LIU Information Technology recently opened the doors to **Browse**, LIU's on-campus technology store, an authorized technology products retailer that offers popular technology brands and products, from tablets and notebooks to all-in-one desktop computers and gaming consoles, as well as accessories, at discounted rates for LIU faculty, students, and staff with a valid LIU ID. Students who are hired in Browse as store associates play an important role in the Browse's day-to-day operations and gain professional skills as they work alongside certified service help desk technicians. Students have the opportunity to learn about retail, customer service, business management, entrepreneurship, small business operations, supply chain management, e-commerce, as well as networking and technology troubleshooting, work experience that helps students to build a professional résumé prior to graduation. Students are encouraged to come to Browse for helpdesk support issues.

Faculty members have a specialized resource: the Faculty Technology Resource Center. The FTRC locations at each campus facilitate utilization of the Blackboard learning management

system along with other teaching and learning tools. The FTRC provides consulting, design, and programming for custom multimedia applications, digitization of educational resources, and provide and maintain public work spaces created specifically for faculty curricular development and staff technology training use. The FTRC staff is available for individual consultation, and also offers workshops and presentations in the latest uses of technology in the classroom.

My LIU

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

Student Helpdesk

Browse's helpdesk, run by student store associates, offers students with technology purchasing support and IT helpdesk services.

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 My LIU account, please check with the helpdesk at Browse at LIU Post in Hillwood Commons.

IT Website: <http://it.liu.edu>

IT Email: IT@LIU.edu

Phone: 516-299-3300

Intensive English Program for International Students

The Intensive English Program, part of the LIU Post English Language Institute, offers international graduate and undergraduate students an opportunity to improve their listening, speaking, reading and writing skills in preparation for future college study or for their own enrichment. Specific instruction is also provided in grammar and American culture. Programs are provided each year in the fall and spring semesters and an intensive summer session. In all of these programs, students work closely with experienced and dedicated teachers in classroom and laboratory settings.

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

All Intensive English Programs provide:

- Small, comfortable classes (approximately 15

students)

- Convenient Monday through Friday schedule
- 20 hours of class per week of intensive English instruction
- Computer-aided instruction and access to all library services
- Experienced, dedicated instructors

For more details contact the Intensive English Program office at 516-299-4002. Visit our website at www.liu.edu/post/ELI.

Learning Support Center

LIU Post's Learning Support Center provides diverse students with support services, strategies, information, and opportunities to help them achieve their personal, academic, and career goals through its individualized programs: Academic Resource Program, Disability Support Services, Program for Academic Success, and Peer Tutoring Program; and educates the campus community about policies, procedures, and available services. Please visit our website at:

www.liu.edu/post/learningsupport or contact us by calling 516-299-3057 or emailing post-learningsupport@liu.edu.

Academic Resource Program (ARP)

The Academic Resource Program (ARP) is a comprehensive, structured fee-for-service support program designed to teach undergraduate students with learning disabilities and/or attention deficit disorders the skills and strategies that will help them achieve their academic potential in a university setting. Program services include:

- A minimum of two hour long one-to-one sessions per week with a learning assistant
- Additional weekly appointments for time management are scheduled, as needed
- Weekly meeting with an ARP administrator
- All appointments scheduled by ARP administrator and students receive a comprehensive class and ARP schedule at the start of semester
- Mid-semester evaluations completed each semester
- Computer lab with assistive technology
- Testing and other reasonable accommodations

Program for Academic Success (PAS)

The Program for Academic Success (PAS) assists promising students who would otherwise not have qualified for acceptance to LIU Post. Participants register for courses with a success coach and study a specifically designed curriculum offered in small class settings.

LIU Post Tutoring Program

The LIU Post Tutoring Program provides trained, qualified peer tutors to work with students in need of academic assistance. Tutoring is available free of charge both individually and in small groups. The LIU Post Tutoring Program is internationally certified by the College Reading and Learning Association.

LIU Promise

The LIU Promise is our commitment to ensuring you have the right tools, guidance and support to achieve your goals. When you apply to LIU, you will be assigned an LIU Promise Success Coach who will be there for you through graduation.

Your coach will be the point of contact for everything you need—from academic and career counseling to campus activities to financial aid. It's our promise to help you chart your success! Your LIU Promise Success Coach will work with you one-on-one to:

- Fast-track the enrollment process
- Help you select the right major
- Find the right scholarships for you
- Construct a financial plan to fund your education
- Introduce you to our vibrant campus life
- Identify internships and study-abroad opportunities
- Create an e-portfolio to showcase your work
- Launch your career, connecting you with employers before graduation

Contact LIU Promise

Hillwood Commons 270
516-299-3737
liupromise@liu.edu

Veteran and Military Affair Services

LIU Post has a proud and distinguished history of serving its nation's military veterans, veteran dependents, and active duty service members. A participant in the Veterans Administration Yellow Ribbon Program, LIU Post offers excellent educational opportunities to our nation's finest. Our supportive community of staff and faculty is dedicated to seeing you succeed in your education, your career and your life. To accomplish this mission, LIU Post provides the resources you need to pursue your education while balancing the demands of life both inside and outside the classroom.

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

ACADEMIC HONOR SOCIETIES

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

Purpose: Alpha Eta was proposed in 1973. The purpose of the honor society was to recognize scholarship in allied health students using the model of the University of Florida's local honor society, Eta Rho Phi. Dr. Howard Suzuki, of the University of Florida, made inquiries to allied health administrators concerning the feasibility of developing such an honor society on a national scale. The American Society of Allied Health Professions (ASAHP) was then approached for their input and an ad hoc committee was appointed to determine the feasibility and interest of developing such a society. A meeting was held on August 31, 1973, in Atlanta, at Emory University. The Society is named for the Greek letters equivalent to the first letters of *Allvhied Health*, which were *Alpha Eta*. There are currently over 25, 000 members with over 80 National Chapters, LIU Post being the 84th. The active membership consists of candidates for an associate, baccalaureate, or graduate degree in an allied health program, candidates for post-degree certificates in allied health programs, faculty in allied health programs, and alumni of the programs.

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 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 or his/her equivalent.

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 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 or his/her equivalent.

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 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. The 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 not only in the LIU Post and/or LIU Brentwood chapter of Lambda Iota Beta, but also in various professional counseling associations. 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 Dr. Paul Ciborowski at paul.ciborowski@liu.edu

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 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.

Omicron Delta Epsilon – Economics

Purpose: The objectives of Omicron 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 the outstanding academic achievements, and dedication to the idea of service to humanity. Students must also demonstrate a commitment to the standards, ethics, and goals of the social work profession. 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 not have received a grade below C+ while in attendance at LIU Post or a grade below B- while in attendance at any other postsecondary institution. They must not have any standing incomplete grades, and must have a minimum of 56 weighted credits in residence 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 an 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 a 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. Faculty Advisor: Dr. Joan Digby, 516-299-2840 or e-mail jdigby@liu.edu.

Phi Sigma Iota-Foreign Languages

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

Eligibility: Student membership is open to undergraduate and graduate students who are majoring or minoring in a foreign language or who are studying at an advanced level. Undergraduate students must have a minimum of junior standing; have one or more upper level language courses, a 3.0 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 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 the 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. He or she must be registered for major or minor standing in psychology, or for a program in psychology, which is equivalent to such standing.

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 I). 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.

LIU POST LIBRARY

The LIU Libraries system serves a combined total of over 20,000 students and more than 500 full-time faculty members across residential and regional campuses. 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 300,000 online journals; 240 online databases; 180,000 electronic books; and 150,000 files of streaming media. These resources may be accessed via the LIU Post Library homepage at www.liu.edu/post-library.

Collectively, the libraries house approximately 649,000 print books and more than 15,000 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 not available at a particular campus can be requested through LIUCAT and supplied via the intralibrary loan service of the LIU libraries. Items not available at LIU libraries can also be requested through interlibrary loan and brought to campus or delivered electronically. In addition, the LIU Libraries system administers the Digital Commons @ LIU, an open access online repository that preserves, promotes, and disseminates the academic work of LIU students and faculty.

The B. Davis Schwartz Memorial Library at LIU Post houses a large and diverse print and non-print collection which is particularly strong in the areas of library and information science, psychology, education, literature, art, and business.

The Reference Commons is comprised of the Reference Services Department, the Circulation/Reserve Department, and Interlibrary Loan. Located primarily on the library's main floor, the area has more than 30 computers for student use; wireless access; a variety of seating options, including individual study carrels; a café; and copy and scanning services. The Reference collection has an extensive core of legal resources and business materials. Current issues of the Library's periodicals subscriptions, microform materials, and copies of dissertations may be requested at the Reference desk.

Archives and Special Collections, on the upper level of the Library, houses more than 25 distinguished rare book collections and 65 major archival collections. Collection formats include illuminated manuscript facsimiles, books, rare manuscripts, correspondence, original movie posters, journals, periodicals, photographs, posters, maps, drawings, theatre programs and media. 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 Library; and the Winthrop Palmer Collection: French & Irish Literature.

The Instructional Media Center (IMC) is the multimedia resource center and the K-12 curriculum center for LIU Post. Located on the lower level, the Center's collections of multimedia (DVDs, audio CDs, etc.) as well as K-12 curriculum resources reflect the diverse learning styles of today's learners. The IMC's comprehensive collection of curriculum resources for K-12 (teacher resource materials, children's books, and textbooks) supports the programs of the College of Education, Information and Technology. In collaboration with faculty, the IMC provides workshops and demonstrations which help prepare students to be effective users of information and technology.

Digital Initiatives (DI) and the Art Image Library, also located on the lower level of the Library, has approximately 50,000 35mm and lantern slides and a growing collection of digital images. In addition, DI has a collection of art reference books, course related textbooks, scholarly books on topics in the fine arts, and a selection of books from the library of Professor Jacqueline Anne Frank. It is the home of the William Randolph Hearst Archive and provides patrons worldwide with provenance information on works of art that were once part of the Hearst Collection. Its photographic records are often requested for use in academic presentations and publications.

The Library offers information literacy classes and curriculum-integrated instruction. Library faculty and staff are available to help faculty and students with reference questions and research strategies.

COLLEGE OF ARTS, COMMUNICATIONS AND DESIGN

The College of Arts, Communications & Design offers the aspiring actor, singer, dancer, artist, media producer, graphic designer, art therapist, musician, filmmaker, journalist, photographer, game designer, teacher, arts manager or public relations professional the perfect blend of conservatory training and liberal arts education. Our faculty artist-mentors provide inspired instruction and guide students as they perfect their skills and discover their personal styles. Individual attention, state-of-the-art facilities and our proximity to New York City offer the optimal learning experience.

The College of Arts, Communications & Design provides access to dozens of venues to showcase student talent, including art galleries; film and photography studios; TV and radio stations; new media labs; exhibition halls; national and international tours; the Steinberg Museum of Art; and Long Island's premier arts venue, Tilles Center for the Performing Arts. Internships at some of the world's top arts, entertainment, public relations and news organizations, and the opportunity to network with influential people in the industry, give our students a competitive advantage.

For information, please contact the Dean's Office at 516-299-2395, email Post-SVPA@liu.edu, or visit the website at www.liu.edu/cacd. Find us on Facebook at www.facebook.com/LIU Post College of Arts, Communications & Design and on Twitter at www.twitter.com/CACDLIUPost.

Steven Breese

Dean

College of Arts, Communications & Design

Steven.Breese@liu.edu

SCHOOL OF VISUAL ARTS, COMMUNICATIONS AND DIGITAL TECHNOLOGIES

Within the School of Visual Arts, Communications and Digital Technologies, you will find many of today's fastest growing visual, print, digital, and broadcast industries. The application of digital design can be seen through a multitude of mediums such as: 2D and 3D Art, movies, television, print ads, the web, video games, art therapy and other various visual art forms. Today's designers 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. Our programs provide students with the technical, writing and editing skills, creative opportunities and confidence to become leaders in a multitude of fields. Our students and faculty have and continue to create and exhibit creative work worthy of national and international recognition.

DEPARTMENT OF ART

Phone: 516-299-2464

Fax: 516-299-2858

Website: www.liu.edu/post/art

Chair: Donna M. Tuman, Ed.D., Director, Art Education

Senior Professors: Kudder Sullivan

Professors: Lee, Olt

Associate Professors: Kerr, Rea, Tuman

Assistant Professors: Leyva-Gutierrez, Seung Yeon Lee

Adjunct Faculty: 19

The Department of Art is a vital, exciting place to create. Studio classes are led by a distinguished faculty of practicing artists who work closely with students to develop their unique and full potential. Comprehensive bachelor's degree programs are designed for serious, talented students who desire a strong liberal arts background and the cultural advantages that only a private university can offer. Renowned visiting artists and art historians conduct lectures, critiques and seminars, and every student has access to numerous art studios, state-of-the-art imaging, student exhibition galleries, and the university's permanent collection and ongoing new exhibitions in the Steinberg Museum of Art at Hillwood. Students take full advantage of LIU Post's proximity to New York City's wealth of creative resources.

Undergraduate programs include the B.S. in Art Therapy, B.F.A. in Art, B.F.A. in Photography and an accelerated five-year program for B.A. in Art History & Theory/M.A. in Museum Studies. In conjunction with the College of Education, Information and Technology, the Department of Art offers the B.F.A. in Art Education (Birth to

Grade 12). Minors are available in Art History, Art Studio and Photography.

B.S. in Art Therapy

The 120-credit Bachelor of Science degree in Art Therapy provides training for undergraduate students who wish to use their creative skills in a variety of health care environments. Art therapists are involved with disability centers, psychiatric hospitals, special education programs, drug abuse centers, community mental health centers, other health institutions and prisons.

The art therapy program explores the interaction of the visual arts with psychological theories and practice. The program emphasizes preparation for graduate training in clinical art therapy. Students who successfully complete a B.S. degree in Art Therapy can find work in the field or continue on to receive a Master of Arts degree in Clinical Art Therapy which qualifies for a creative arts license in New York State.

Students experience clinical practice in the field of art therapy during two 150 hour practicums. The program places student interns in over 90 therapeutic sites in the tri-state area.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores. 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 by calling the Department of Art at 516-299-2464.

Candidates for admission to the Bachelor of Science program in Art Therapy follow the same guidelines as other prospective art majors. Admission to the Department of Art programs is by satisfaction of general LIU Post admissions requirements.

B.S. in Art Therapy

{Program Code: 80313}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Art Therapy must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits

Economics/Political Science	6 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (may be satisfied in major)
Language/Literature	6 credits
Mathematics	3 credits
Social Sciences	6 credits (may be satisfied in major)
Fine Arts	3 credits

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

Major Requirements

Art Therapy Courses (18 credits)

ARTH 1	Introduction to Art Therapy	3.00
ARTH 2	Art Therapy Theories for the Handicapped	3.00
ARTH 3	Art Therapy Workshop: Clinical Methods	3.00
ARTH 4	Art Therapy Practicum I	3.00
ARTH 5	Art Therapy Practicum II	3.00
ARTH 8	Survey in Creative Arts Therapies	3.00

One of the following: (3 credits)

ARTH 6	Art Therapy Research Seminar	3.00
ARTH 385	Honors Tutorial	3.00
ARTH 386	Honors Tutorial	3.00

Art Studio & History Courses: (33 credits)

ART 2	Studio Foundation I	9.00
ART 3	Studio Foundation 2	6.00
ART 21	Printmaking	3.00
ART 31	Pottery and Ceramic Sculpture 1	3.00
ART 35	Sculpture 1	3.00
ART 59	Survey of World Art I	3.00
ART 60	Survey of World Art 2	3.00
CGPH 16	Digital Imaging	3.00

One of the following: (3 credits)

ART 11	Life Drawing I	3.00
ART 12	Life Drawing 2	3.00

One of the following: (3 credits)

ART 13	Painting 1	3.00
ART 43	Watercolor	3.00

Psychology Courses

One of the following sequences: (15-17 credits)

PSY 1	General Psychology I	3.00
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PSY	2	General Psychology II	3.00
Or			
PSY	3	Principles of Psychology I	4.00
PSY	4	Principles of Psychology II	4.00
And			
PSY	25	Developmental Psychology: Childhood	3.00
PSY	26	Developmental Psychology: Adolescence	3.00
PSY	63	Abnormal Psychology	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Minimum Major Credits: 60
 Minimum Overall GPA: 2.00
 Minimum Major GPA: 2.00

B.F.A. in Art

Designed for individuals who plan a career in the world of art, the Bachelor of Fine Arts offers an intensive program that combines conservatory training in the traditional studio arts with 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.

A digital technology lab; painting, sculpture and ceramic studios; galleries 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

- **Incoming freshmen** must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above. Although incoming freshmen are not required to submit a portfolio for admission

into the B.F.A. in Art program, they are strongly encouraged to make an appointment to visit the campus with a collection of their work. This is an excellent opportunity to see the art studios and have a faculty member see your talents. Portfolios are required for students applying for Department of Art scholarships. Freshman can sign up to have their work reviewed at Art Portfolio Scholarship Review Days in the fall or spring. To apply for scholarships, see the Department of Art Scholarships section of the website.

- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

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 516-299-2464.

B.F.A. in Art

{Program Code: 07016}

Core Curriculum Requirements

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

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 credits
Social Sciences	6 credits
Fine Arts	3 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 2	6.00
DRA	1	Drawing 1	3.00
W			
ART	102	Fine Arts Internship	3.00
ART	103	Fine Arts Senior Seminar	1.00
CGPH	16	Digital Imaging	3.00

Art Studio Concentration

Required Art Studio Courses: (24 credits)

ART	11	Life Drawing I	3.00
ART	14	Painting 2	3.00
ART	20	Advanced Photography	3.00
ART	21	Printmaking	3.00
ART	22	Intermediate Printmaking	3.00
ART	31	Pottery/Ceramics I	3.00
ART	35	Sculpture 1	3.00
ART	36	Sculpture 2	3.00

One of the following: (3 credits)

ART	13	Painting 1	3.00
ART	43	Watercolor	3.00

Required Art History Courses: (9 credits)

ART	59	Survey of World Art I	3.00
ART	60	Survey of World Art 2	3.00
ART	72	Contemporary Art	3.00

Required Senior Tutorial and Thesis Courses

One of the following: (3 credits)

ART	385	Honors Tutorial	3.00
ART	386	Honors Tutorial	3.00
ATUT	1	Senior Fine Arts Tutorial	3.00

One of the following: (3 credits)

ART	389	Honors Thesis	3.00
ART	390	Honors Thesis	3.00
PROJ	3	Senior Project	3.00

One of the following: (3 credits)

ART	61	Ancient Art: The Western Tradition	3.00
ART	64	Medieval Art	3.00
ART	65	Italian Renaissance Art	3.00
ART	66	Northern Art of the 15th and 16th Centuries	3.00
ART	67	The Art of the Baroque	3.00
ART	68	The Art of the 18th and 19th Centuries	3.00
ART	70	Modern Art	3.00
ART	75	American Art	3.00
ART	77	Pre-Colonial Arts of Africa, Oceania and the Americas	3.00
ART	78	Asian Art	3.00
ART	79	History of Photography	3.00
ART	80	Concepts & Issues in Contemporary Photography	3.00
ART	85	History of Visual Communications	3.00

ART 90	Seminar in Art History	3.00
ART 91	Independent Study in Art History	3.00

Elective Directed Studio Art

Any four undergraduate ART courses (12 credits)

Mixed Studio Concentration: (18 credits)

Students must complete TWO of the following options:

Option 1

ART 21	Printmaking	3.00
ART 22	Intermediate Printmaking	3.00
ART 23	Advanced Printmaking	3.00

OR

Option 2

ART 35	Sculpture 1	3.00
ART 36	Sculpture 2	3.00
ART 37	Sculpture 3	3.00

OR

Option 3

ART 14	Painting 2	3.00
ART 15	Advanced Painting 3	3.00

One of the following:

ART 13	Painting 1	3.00
ART 43	Watercolor	3.00

Mixed Studio Second Portion

Required Art History Courses: (9 credits)

ART 59	Survey of World Art I	3.00
ART 60	Survey of World Art 2	3.00
ART 72	Contemporary Art	3.00

One of the following: (3 credits)

ART 61	Ancient Art: The Western Tradition	3.00
ART 64	Medieval Art	3.00
ART 65	Italian Renaissance Art	3.00
ART 66	Northern Art of the 15th and 16th Centuries	3.00
ART 67	The Art of the Baroque	3.00
ART 68	The Art of the 18th and 19th Centuries	3.00
ART 70	Modern Art	3.00
ART 75	American Art	3.00
ART 77	Pre-Colonial Arts of Africa, Oceania and the Americas	3.00
ART 78	Asian Art	3.00
ART 79	History of Photography	3.00
ART 80	Concepts & Issues in Contemporary Photography	3.00

ART 85	History of Visual Communications	3.00
ART 90	Seminar in Art History	3.00
ART 91	Independent Study in Art History	3.00

Elective Mixed Studio Courses

Fifteen (15) credits from the following:

ART 11	Life Drawing I	3.00
ART 14	Painting 2	3.00
ART 15	Advanced Painting 3	3.00
ART 21	Printmaking	3.00
ART 22	Intermediate Printmaking	3.00
ART 23	Advanced Printmaking	3.00
ART 35	Sculpture 1	3.00
ART 36	Sculpture 2	3.00
ART 37	Sculpture 3	3.00
ART 43	Watercolor	3.00
CER 3	Advanced Ceramics	3.00
CER 4	Advanced Ceramics	3.00

Elective Directed Studio Art Courses

Any one undergraduate ART, CER, CGPH, DRAW, courses

Required Senior Tutorial and Thesis Courses

One of the following: (3 credits)

ART 385	Honors Tutorial	3.00
ART 386	Honors Tutorial	3.00
ATUT 1	Senior Fine Arts Tutorial	3.00
ART 389	Honors Thesis	3.00
ART 390	Honors Thesis	3.00
PROJ 3	Senior Project	3.00

One of the following: (3 credits)

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 30
 Minimum Major Credits: 82 - Art (70) + Art History (12)
 Minimum Overall GPA: 2.00
 Minimum Major GPA: 2.00

B.F.A. in Photography

The 120-credit Bachelor of Fine Arts in Photography offers exciting study in the history, aesthetics and technical evolution of photography. In small classes taught by award-winning photographers and visiting guest artists, you will learn all aspects of documentary and commercial photography; gain a deep understanding and appreciation of the field's history, aesthetics and technical evolution; and develop critical, analytical and professional skills.

Course topics range from newspaper

photojournalism to the mechanics and aesthetics of lighting, techniques of photo illustration, survey of world art, and experimental approaches in a computer-driven, digital environment. The curriculum allows the student to take up to five computer graphic classes as part of the photography major.

The school's photographic studios, digital labs and darkrooms provide an exciting atmosphere in which to create master prints and professional imagery. LIU Post features a black and white photo lab, photography studios and digital labs for gaining hands-on experience with a variety of media and technologies to build your portfolio.

The program teaches you how to see and conceptualize your world and develop technical expertise for a rewarding career as a photographer, photojournalist, photo historian, art educator, gallery director, magazine art director, or to pursue further study at the graduate level.

ADMISSION REQUIREMENTS

- Incoming freshmen** must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above. Although incoming freshmen *are not required* to submit a portfolio for admission into the photography program, they are strongly encouraged to make an appointment to visit the campus with a collection of their work. This is an excellent opportunity to see the photography studios and have a faculty member see your talents. Portfolios *are required* for students applying for Department of Art scholarships. Freshman can sign up to have their work reviewed at Art Portfolio Scholarship Review Days in the fall or spring.
- Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores. Students wishing to transfer into an 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 or by calling the Department of Art at 516-299-2464.

To apply for departmental scholarships, click on the Department of Art Scholarships on the website: www.liu.edu/post/art.

B.F.A. in Photography

{Program Code: 81044}

Core Curriculum Requirements

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

POST 101	1 credit
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First-Year Composition	6 credits
Economics/Political Science	6 credits
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 credits
Social Sciences	6 credits
Fine Arts	3 credits

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

Major Requirements

Required Photography Courses: (36 credits)

PHOJ 1	Photojournalism	3.00
PHOT 4	Color Photography	3.00
PHOT 5	Photo Studio	3.00
PHOT 6	Basic Lighting Techniques and Aesthetics	3.00
PHOT 7	Photo Workshop	3.00
PHOT 8	Experimental and Advanced Techniques	3.00
PHOT 9	Apprenticeship	3.00
PHOT 10	Studio Lighting Techniques and Aesthetics	3.00
PHOT 11	Intermediate Course in Techniques and Aesthetics	3.00
PHOT 12	Advanced Techniques and Aesthetics	3.00
PHOT 30	Digital Large Format Printing	3.00
PHOT 101	B&W Silver Gelatin Printing	3.00

Required Fine Art Courses: (19 credits)

ART 2	Studio Foundation I	9.00
ART 3	Studio Foundation 2	6.00
ART 103	Fine Arts Senior Seminar	1.00
CGPH 16	Digital Imaging	3.00

Required Art History Courses: (15 credits)

ART 59	Survey of World Art I	3.00
ART 60	Survey of World Art 2	3.00
ART 72	Contemporary Art	3.00
ART 79	History of Photography	3.00
ART 80	Concepts & Issues in Contemporary Photography	3.00

Required Senior Capstone Courses: (6 credits)

ATUT 1	Senior Fine Arts Tutorial	3.00
PROJ 3	Fine Art Senior Project II	3.00

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

B.F.A. in Art Education (B-12)

Joint Program with College of Education, Information and Technology

The 120-credit Bachelor of Fine Arts program in Art Education prepares you to become an accomplished studio artist and a certified art teacher in New York state public and private schools. The B.F.A. in Art Education (Birth to Grade 12) combines a knowledge base of the fine arts, art history, aesthetics, art criticism, education, philosophy, child development and art teaching methods into a comprehensive teacher preparation program. In addition to the college core requirements, all Art Education majors are required to complete a visual arts core, which includes traditional studio forms of drawing, painting, sculpture and printmaking as well as digital formats for imaging, design and photography. Art history, art criticism, contemporary art and museum education are required program components.

You will have access to impressive studios, exhibition halls and labs to transform your ideas and concepts into professional works of art. Specialized facilities include a ceramics center, sculpture studio, printmaking workshop and papermill, digital art and design labs, and photography, drawing and painting studios. The Steinberg Museum of Art and the Hutchins Gallery, both located on campus, feature an ongoing series of exhibitions by professional and student artists. Many students and faculty showcase their work in galleries throughout Long Island and in New York City. Exhibiting artists are frequently brought to campus to discuss their work, conduct workshops and visit classes.

Art education majors complete a practicum (internship) at the Steinberg Museum of Art and have the opportunity to student teach in a regional public school. A senior exhibition of your work will be displayed in the Student Art Gallery. The culmination of this B.F.A. degree is a senior thesis exhibition and a professional artist/educator portfolio.

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.
- **Transfer students** must have completed more

than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

- Freshman can sign up to have their work reviewed at Art Portfolio Scholarship Review Days in the fall or spring. To apply for scholarships, click on the Department of Art Scholarships on the website.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.
- 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 516-299-2464.

B.F.A. in Art Education (Birth to Grade 12)

{Program Code: 24071}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.F.A. in Art Education (Birth to Grade 12) must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 credits
Social Sciences	6 credits
Fine Arts	3 credits

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

Major Requirements

Required Fine Art Courses: 31 credits

ART 2	Studio Foundation I	9.00
ART 3	Studio Foundation 2	6.00
ART 20	Advanced Photography	3.00
ART 21	Printmaking	3.00
ART 31	Pottery and Ceramic Sculpture I	3.00
ART 35	Sculpture I	3.00

CGPH 16 Digital Imaging 3.00

ART 103 Fine Arts Senior Seminar 1.00

Required Fine Art Drawing Courses: (3 credits)

Choose from one of the following:

ART 11 Life Drawing I 3.00

ART 12 Life Drawing 2 3.00

Required Fine Art Painting Courses: (3 credits)

Choose from one of the following:

ART 13 Painting 1 3.00

ART 43 Watercolor 3.00

Required Art History Courses: (9 credits)

ART 59 Survey of World Art I 3.00

ART 60 Survey of World Art 2 3.00

ART 72 Contemporary Art 3.00

Required Senior/Honors Tutorial: (3 credits)

Choose from one of the following:

ATE 385 Honors Tutorial 3.00

ATE 386 Honors Tutorial 3.00

ATUT 1 Senior Fine Arts Tutorial 3.00

Required Senior Project/Honors Thesis: (3 credits)

Choose from one of the following:

ATE 389 Honors Thesis 3.00

ATE 390 Honors Thesis 3.00

PROJ 3 Senior Project 3.00

Required Art Education Courses: (9 credits)

ATE 1 Introduction to Art Education: The Artist as Educator 3.00

ATE 2 Art Education Design and Practice in the Elementary School 3.00

ATE 3 The Art Museum as Educator: Interpreting Art for Education 3.00

Required Education Courses: (21 credits)

EDI 15A Psychological Perspectives: Teaching and Learning 3.00

EDI 16A Curriculum and Assessment for Pre-service Teachers 3.00

EDI 35K Methods and Materials in Teaching Art 3.00

EDI 38 Supervised Student Teaching in Adolescence Education (Grades 7-12). 6.00

EDS 44 Introduction to the Study of the Exceptional Child 3.00

EDS 60 Literacy Development: Birth Grade 6 3.00

The students are required to do one of the following: a Foreign language course, American Sign Language (SPE 98), or Equivalent milestone (with permission from the department chair).

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 Credits: 120

Minimum Liberal Arts Credits: 38

Minimum Education Major Credits: 21

Minimum Art Major Credits: 61

Minimum Overall GPA: 2.50

Minimum Major GPA: 2.75

ACCELERATED PROGRAM

B.A. in Art History and Theory/M.A. in Museum Studies

This unique program, which is open to LIU Post undergraduate students majoring in Art History, allows students the opportunity to acquire two degrees (B.A. in Art History/M.A. in Museum Studies) within a five-year period. The program is designed to offer students a rigorous academic curriculum as well as the tools, experience, and skills necessary to pursue doctoral studies or professional careers in the field of the arts. The dual-degree program is coordinated by the Department of Art, in conjunction with various local institutions of art. Through course work and pre-professional museum internship training, the program provides students with a comprehensive knowledge of the major art historical periods, museology, theories and practice, with an emphasis on the areas of museum education and curatorial studies. Students interested in the program should apply at the end of their sophomore year.

Candidates must maintain a cumulative GPA of 3.0 and a 3.5 GPA in the Art History major to be considered for the program.

Candidates must sit for an interview with the Director of the Museum Studies program and the Art Department Chair before applying to the program

Students must pass a comprehensive exam designed and administered by faculty in order to be considered a candidate for the master's degree.

B.A. in Art History and Theory/M.A. in Museum Studies

{Program Code: 07018}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.A. in Art History and Theory must satisfy all core curriculum requirements as follows:

POST 101 1 credit

First-Year Composition 6 credits

Economics/Political Science 6 credits

History/Philosophy 6 credits

Laboratory Science 8 credits

Language/Literature 6 credits

Mathematics 3 - 4 credits

Social Sciences 6 credits

Fine Arts 3 credits

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

Major Requirements (B.A.)

Required Art History Courses (12 credits)

ART 59 Survey of World Art I 3.00

ART 60 Survey of World Art 2 3.00

ART 72 Contemporary Art 3.00

ART 90 Seminar in Art History 3.00

Required Non-Western Art History Courses (3 credits)

ART 77 Pre-Colonial Arts of Africa, Oceania and the Americas 3.00

ART 78 Asian Art 3.00

Elective Art History Courses: (12 credits)

Four of the following courses

ART 1 Introduction to Visual Arts 3.00

ART 61 Ancient Art: The Western Tradition 3.00

ART 64 Medieval Art 3.00

ART 65 Italian Renaissance Art 3.00

ART 66 Northern Art of the 15th and 16th Centuries 3.00

ART 67 The Art of the Baroque 3.00

ART 68 The Art of the 18th and 19th Centuries 3.00

ART 70 Modern Art 3.00

ART	75	American Art	3.00
ART	79	History of Photography	3.00
ART	80	Concepts & Issues in Contemporary Photography	3.00
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

Elective History Courses (6 credits)

Any two undergraduate HIS courses numbered 100 and above

Directive Undergraduate Elective Cross-Discipline Courses (9 credits)

Any three undergraduate ART/ARM/THE/HIS courses numbered 100 or above

Liberal Arts courses (24 credits)

Major Requirements (M.A.)

Required Graduate Courses: (15 credits)

ART	562	Exhibition Research and Design	3
ART	570	Social History of Modern Museum	3
ART	581	Methodologies in Art History	3
ART	663	The Art Museum as Educator	3
ARM	557	Development, Fundraising and Grant Writing	3

Choose 2 from the following: (6 credits)

ART	563	Curatorial Methods and Practices	3
ART	565	Object Care and Collections Management	3
ARM	561	The Anatomy of a Museum	3
ART	564	Museum Education: Audience Research and Program Design	3

Required Internship Courses: (6 credits)

ART	650	Internship I: Steinberg Museum of Art	3
ART	651	Internship II: Museum/Art Organization	3

Required Museum Studies Thesis Course: (3 credits)

ART	750	Graduate Thesis Research	3
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Total credits for BA/MA five year: 141cr. (includes thirty graduate courses, nine of which

are taken in the 4th year and count toward both the undergraduate and graduate degrees).

Credit and GPA Requirements

Minimum Total Credits: 141
 Minimum Undergraduate Liberal Arts Credits: 90
 Minimum Undergraduate Major GPA: 2.25
 Minimum Graduate GPA: 3.00
 Minimum Overall GPA: 3.00

MINORS

Minor in Art History

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (15 credits) toward a minor in art history. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study. A minor in art history requires 15 credits consisting of 12 credits in ART 59, 60, 72, and 90, and three credits in art history electives. Contact your academic and career counselor about further requirements and additional information.

Minor in Art History Requirements

Minor in Art History Requirements

Required Art History Courses

ART	59	Survey of World Art I	3.00
ART	60	Survey of World Art 2	3.00
ART	72	Contemporary Art	3.00
ART	90	Seminar in Art History	3.00

Elective Art History Courses

One from the following:

ART	1	Intro to Visual Arts	3.00
ART	61	Ancient Art: The Western Tradition	3.00
ART	65	Italian Renaissance Art	3.00
ART	66	Northern Art of the 15th and 16th Centuries	3.00
ART	67	The Art of the Baroque	3.00
ART	68	The Art of the 18th and 19th Centuries	3.00
Art	70	Modern Art	3.00
ART	75	American Art	3.00
ART	77	Pre-Colonial Arts	3.00
ART	78	Asian Art	3.00
ART	79	History of Photography	3.00
ART	80	Concepts & Issues in Contemporary Photography	3.00

ART	85	History of Visual Communications	3.00
ART	91	Independent Study in Art History	3.00
ATE	3	The Art Museum as Educator Interpreting Art for Education	3.00

Credit and GPA Requirements

Minimum Total Credits: 15
 Minimum Minor GPA: 2.00

Minor in Art Studio

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (21 credits) toward a minor in art studio. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study. A minor in Art Studio requires six credits in Art 11 and Art 13; three credits in Art 5 or DRAW 1; three credits in ART 31 or 35; three credits in art elective studio courses (except Art 1 or Art 101); and six credits in ART 59 and 60. Contact your academic and career counselor for additional information.

Minor in Art Studio

Required Art Studio courses

ART	11	Life Drawing 1	3.00
ART	13	Painting 1	3.00

One of the following courses:

ART	5	Introduction to Basic Drawing	3.00
DRA	1	Drawing I	3.00

One of the following courses:

ART	31	Ceramic 1	3.00
ART	35	Sculpture I	3.00

Required Art History courses

ART	59	Survey of World Art I	3.00
ART	60	Survey of World Art 2	3.00

Three credits from ART Elective courses (except ART 1, 61 through 91, 101)

Credit and GPA Requirements

Minimum Total Credits: 21
 Minimum Minor GPA: 2.00

Minor in Arts Entrepreneur

The Arts Entrepreneurship minor prepares artists and other majors to combine their creative skill with the expertise required to start their own business. Students with entrepreneurial training will be prepared to identify potential markets, create business plans, understand financing, and grow their own commercial enterprise. Skills

acquired in this minor are directly transferable to job market trends toward contract employment and are consonant with the LIU Post focus on experiential learning in the marketplace.

Minor in Arts Entrepreneur

Requirements

Required Courses

CGPH	26	Web Design for Non-Art Majors	3.00
MKT	11	Marketing Principles and Practices	3.00
PR	38	Social Media Tools	3.00
ART	93	Arts Entrepreneurship	3.00
ART	102	Fine Arts Internships	3.00

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.00

Minor in Photography

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (21 credits) toward a minor in photography. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study. A minor in photography requires 15 credits in ART 19 or ART 2; ART 79; PHOT 101, 5, 7, and six credits in photography studio electives. Contact your academic and career counselor for further requirements and additional information.

Minor in Photography

Minor in Photography

Required Photography Courses

ART	79	History of Photography	3.00
PHOT	5	Photo Studio	3.00
PHOT	7	Photo Workshop	3.00
PHOT	101	B&W Silver Gelatin Printing	3.00

One of the following courses:

ART	2	Studio Foundation I	9.00
ART	19	Photography	3.00

Elective Photography Studio Courses

Six credits/two courses from undergraduate PHOT courses

Credit and GPA Requirements

Minimum Total Credits: 21

Minimum Minor GPA: 2.00

Art Department Courses

ART 1 Introduction to Visual Arts

This course covers world art from the beginnings of human culture to today. The aim is to explore why art is the product not only of its creator, but also of the historical, political, economic, and social forces that shaped the artist. Students are introduced to the language and concepts of visual analysis and historical contextualization, with the goal of increasing their understanding of world cultures and the role of artistic representation in society.

Credits: 3

Every Semester

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: 9

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.

Prerequisites of ART 2 or ART 5 and ART 19 are required.

Credits: 6

Every Spring

ART 4 Introduction to Computer Graphics

This introductory course is designed to teach students basic Photoshop skills. Adobe Photoshop is the most comprehensive visual imaging application and the industry standard. Photographers, Graphic Designers, Web-designers and Illustrators all use Photoshop in some capacity or another. As well as, understand layers, channels, color modes and profiles, filters, also resolution and image preparation for production to print and export into other applications, such as Indesign, and web authoring applications. Assignments will be given to gain understanding of the use of the tools and their functions for digital image manipulation, illustration, retouching, creating designs, and basic web animation.

Credits: 3

Every Fall and Spring

ART 5 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.

Credits: 3

Every Semester

ART 6 3D Visualization & Production

3D printing is revolutionizing the production and distribution of objects world wide. It all begins with an idea. This course introduces students to the design skills and techniques they need to conceptualize, visualize, communicate and produce three-dimensional concepts with an emphasis on sustainable and humanitarian solutions.

Credits: 3

Every Fall

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

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

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

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 Spring

ART 15 Advanced Painting 3

This course is 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

On Occasion

ART 19 Photography

This course is an introduction to the mechanics and aesthetics of photography. It is a studio course in basic photographic processes, principles and techniques that use the camera and digital darkroom as an art media.

Credits: 3

Cross-Listings: ART 19, ART 19A

Every Fall and Spring

ART 20 Advanced Photography

This course utilizes advanced techniques and processes in the digital darkroom with an emphasis on composition and creativity. Seminars emphasize individual criticism and instruction.

Prerequisite of ART 2 or ART 19 or permission of instructor is required.

Credits: 3

Every Fall

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 process. The emphasis is on experimentation with diverse materials and individual projects.

Credits: 3

Every Spring

ART 22 Intermediate Printmaking

This course covers contemporary print concepts and materials including photo screen printing, etching and photo etching with mixed techniques emphasizing connections to painting, photography, digital and installation art. The course includes demonstration, discussion and critique and an intense workshop environment.

Credits: 3

Every Fall

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

General study in the methods of structuring clay, hand building, throwing on the potter's wheel and experimental techniques. This course encompasses the entire ceramic process, forming, glazing and firing techniques.

Credits: 3

Every Semester

ART 32 Pottery and Ceramic Sculpture 2

General study in the methods of structuring clay, hand building, throwing on the potter's wheel and experimental techniques. This course encompasses

the entire ceramic process, forming, glazing and firing techniques.

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 to sculpture techniques, concepts, and materials, aesthetic and structural. Emphasis is on three-dimensional reality and study of related concepts.

Prerequisite of ART 35 is required.

Credits: 3

Every Fall

ART 37 Sculpture 3

This course is independent, advanced study and work in the sculptural medium of the student's choice under the personal guidance of the instructor.

Prerequisites of ART 35 & 36 are required.

Credits: 3

On Demand

ART 43 Watercolor

Watercolor painting offers a sequential program of study, combining studio exercises and visual ideas within the context of an art historical perspective. Throughout the semester a variety of materials and techniques will be introduced, which the students will practice in class and for homework, utilizing primarily representational but also abstract modes of painting, while solving specific problems dealing with visual literacy and conceptual content.

Credits: 3

On Occasion

ART 59 Survey of World Art I

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.

Credits: 3

Every Fall

ART 60 Survey of World Art 2

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.

Pre requisite of ART 59 or instructor permission is required.

Credits: 3

Every Spring

ART 61 Ancient Art: The Western Tradition

This course traces the development of works of art in the media of sculpture, painting, pottery,

ornaments, monuments, manuscripts and architecture from prehistoric times through the civilizations of the Near East, Egypt and the Mediterranean, to the city-states of Greece and the empire of Rome. Emphasis is placed on exploring mutual cultural influences and exchanges between societies.

Credits: 3

On Occasion

ART 64 Medieval Art

This course explores the art and architecture of Europe and Asia Minor from the rise of Christianity in Late Antiquity to the Gothic period, 300-1300 C.E. Themes include exchange between cultures, changing social conditions and transformations of the political and artistic landscape of Europe.

Credits: 3

On Occasion

ART 65 Italian Renaissance Art

This course examines architecture, sculpture and painting from the time of Giotto in the early 14th century to the late works of Michelangelo in the mid-16th century. Topics of discussion include the evolution of the artist's identity from craftsman to creator, changes in artistic patronage, revolutionary technical innovations and the emergence of the humanist tradition.

Credits: 3

Rotating Basis

ART 66 Northern Art of the 15th and 16th Centuries

This course is a survey of painting, graphic art and sculpture in France, Flanders, Holland and Germany that examines the primary historical developments of the period and their reflection in the arts, particularly the relation of the Northern Gothic tradition to Italian classicism and the development of conflicting visual and cultural models brought about by the Protestant Reformation.

Credits: 3

On Occasion

ART 67 The Art of the Baroque

This course surveys architecture, sculpture and painting in Italy, Spain, France, Flanders and Holland during the Baroque era and includes the works of Bernini, Velasquez, Poussin, Rubens and Rembrandt, among others. Topics include the legacy of classicism, the artist's studio practice, the emergence of the commercial art market and the impact of global exploration.

Credits: 3

Rotating Basis

ART 68 The Art of the 18th and 19th Centuries

This course covers the development of architecture, sculpture and painting from 18th century Rococo to the Neoclassical, Romantic and Realist movements of the 19th century, as well as the revolutionary inventions of photography and mass-

production printing technologies.

Credits: 3

Rotating Basis

ART 70 Modern Art

This course examines the rapidly changing historical and social conditions in Europe from the 1860s to the 1940s and the international art movements that emerged from this period of unprecedented transformation. Spanning the art of Manet and Whistler to that of Picasso and Pollock, this covers Impressionism, Art Nouveau, Symbolism, Fauvism, Cubism, Futurism, Expressionism, Constructivism, Dada, Surrealism and the rise of the American avant-garde.

Credits: 3

Rotating Basis

ART 72 Contemporary Art

This course surveys the continuing impact of earlier 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 art market and the impact of new technologies and media on art making and reception.

Credits: 3

Every Spring

ART 75 American Art

This course is a survey of North American art and architecture from the colonial period to postwar modernism. Topics include the legacy of European art, regional artistic schools, changing representations of national identity, the impact of social conflict and wars and the ascendancy of American art in the 1940s.

Credits: 3

Rotating Basis

ART 77 Pre-Colonial Arts

This course examines the cultural traditions and artworks of the peoples of Africa, Oceania and the Americas before European colonization. Emphasis is placed on the analysis of cultural objects and architecture related to sacred ritual and cosmology, social structures, the symbolism of natural forces and the imaging of power, both supernatural and human.

Credits: 3

Rotating Basis

ART 78 Asian Art

This course examines the architecture, sculpture, painting and ritual objects of India, China, Korea and Japan from the prehistoric past to the contemporary period, with a focus on the interrelationships and divergences between these major world cultures in artistic tradition and the religious and social contexts these traditions reflect.

Credits: 3

Rotating Basis

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 arts in terms of mutual influence. This course examines the relationship of technique to photographic form as seen in daguerotypes, ambrotypes, calotypes, wet plates, tin types and 35mm photography.

Credits: 3

Every 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.

Prerequisite of ART 79 or permission of instructor is required.

Credits: 3

Every Spring

ART 85 History of Visual Communications

This course covers the evolution of the concepts and technologies of visual communication from early handcrafted manuscripts, through the invention of printing and the consequent expansion in the production and dissemination of texts and graphic material and up to issues of design and cultural meaning in modern and contemporary typography, illustration and advertising.

Credits: 3

Every Fall

ART 90 Seminar in Art History

This course will cover 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

Every Semester

ART 91 Independent Study in Art History

This course offers an opportunity for individual, supervised research into a specific art historical topic or question. A subject reflecting the student's specialty interest is selected in consultation with the instructor. Guided readings and assignments allow the student to conduct advanced research and practice art historical inquiry in depth.

Credits: 3

Every Semester

ART 92 Independent Study in Art History

This course is individual, supervised research regarding problems in Art History. Topics reflecting the student's major interest are selected in

consultation with the instructor.

Credits: 3

On Demand

ART 93 Arts Entrepreneurship

Through experiential learning students explore the entrepreneurial potential in their creative passions. Ideas are developed into feasible business plans that address short term and long range requirements for entrepreneurs in the new gig economy.

Pre requisites: PR 38, CGPH 26 and MKT 11.

Credits: 3

Every Fall

ART 96 Independent Study

This is an independent study course in Art Studio for subjects not included in scheduled offerings.

Credits: 3

Every Semester

ART 97 Independent Study

This is an independent study course in Art Studio for subjects not included in scheduled offerings.

Credits: 3

Every Semester

ART 101 Interpreting Art in the 21st Century

This interpretive investigation of contemporary art explores traditional and new theories of art criticism and fosters aesthetic awareness of the relationship between works of art, cultural concepts, and human experience. Students engage in critical discourse as they respond to image-based lectures, readings, websites, exhibition visits, and a sampling of reflexive exercises in the visual arts. Content develops from diverse application for understanding all artistic expression and practice guides future analysis of visual art in the 21st century.

Credits: 3

Every Semester

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 as 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 Fall and Spring

ART 103 Senior Seminar

This BFA Senior Seminar will prepare students to manage the business aspects of their profession. Course work will consist of resume and cover letter writing, exhibition opportunities, documentation management, grant writing, and research residencies.

This seminar will address contemporary aesthetic currents in exhibitions, performances, and new media. Course work will consist of 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. Students will be required to attend all visiting artist presentations on Wednesday nights and keep journal.

A pre requisite of ATUT 1 is required.

Credits: 1

Every Spring

ART 177 Environmental Art & Practice

This course is proposed as one half of a six credit Environmental Art/ Environmental Science learning community, designed for sophomore, junior and senior level undergraduate, art major or non-art major students who sign up for the six-credit block as a single cohort. The second half of the course is comprised of three credits in Environmental Science

Credits: 3

Every Fall

ART 359 Honors Advanced Elective

Fall Advanced Elective to be offered on an occasional basis.

Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3

On Occasion

ARTH 1 Introduction to Art Therapy

This course is an introduction to the origins, historical development and application of art therapy principles and skills specific to diverse populations. The course covers psychological theories as they relate to the field of art therapy. This is a survey course.

Credits: 3

Every Fall

ARTH 2 Art Therapy Theories for the Handicapped

This course covers the theoretical framework for the use of art therapy skills with the developmentally delayed, emotionally disturbed, physically limited, neurologically impaired children, with an emphasis upon developing practical skills for the field.

Prerequisite or Co-requisite of ARTH 1 is required.

Credits: 3

Every Fall

ARTH 3 Art Therapy Workshop: Clinical Methods

This course is an exploration of the art media as a treatment modality. This course covers the diagnostic and therapeutic value of drawings with groups and individuals.

Prerequisite of ARTH 1 or ARTH 2 is required.

Credits: 3

Every Spring

ARTH 4 Art Therapy Practicum 1

This course provides experience in a clinical setting (disability centers, schools with special education programs, hospitals, institutions, correctional facilities), serving children and/or adolescents, using art therapy principles and instruments.

Students analyze case material obtained from the practicum site and present data at a weekly seminar.

Prerequisites of ARTH 1, 2, and 3 are required.

Credits: 3

Every Semester

ARTH 5 Art Therapy Practicum II

This course provides experience in a clinical setting (community mental health centers, psychiatric facilities, hospitals, private health institutions), serving adults and the aged using art therapy principles and instruments.

Students analyze case material obtained from the practicum site and present data at the weekly seminar.

Prerequisites of ARTH 1, 2, and 3 are required.

Credits: 3

Every Semester

ARTH 6 Art Therapy Research Seminar

This course is a seminar on advanced individual projects that are chosen by the student and teacher in the student's field of specialization. Additional field experience is required in the area of concentration.

Prerequisites of ARTH 1, 2, 3, and 4 are required.

Credits: 3

Every Semester

ARTH 8 Survey in Creative Arts Therapies

This course is a survey course, providing an overview of the creative arts therapies - music, movement/dance, drama and the visual arts. This course will provide the student with both a theoretical orientation and practical application format to understand how the multi-modal creative arts are utilized within a clinical and wellness setting.

Prerequisites of ARTH 1, 2, and 3 are required.

Credits: 3

Every Spring

ATE 1 Introduction to Art Education: The Artist as Educator

This course is an introduction to the foundations of American art education as it has evolved through the history of the visual arts, the changing values of society and popular practice in the fields of psychology and education. Students have opportunities to compare current literature to the work of past generations in art education in order to construct relationships between the common interests of artists and educators over time. The current role of the artist as teacher and facilitator of the artistic process is studied through reading, discussion, observation and personal journal entries of daily studio experiences.

Credits: 3

Every Fall

ATE 2 Art Education Design and Practice in the Elementary School

This course is an examination of the roles of art education practice in the elementary schools. The course offers fundamental insights into the artistic development of children and examines ways that these insights are basic to the design and implementation of exemplary visual art practices.

The course is designed to present subject areas of study through reading, lecture and discussion, studio art explorations of methods and materials, art class field observations in schools and museums, written research, preparation of curriculum materials and field study.

Prerequisite of ATE 1 is required.

Credits: 3

Every Spring

ATE 3 The Art Museum as Educator: Interpreting Art for Education

The course functions as a working art museum education model providing art education students with hands-on experience in the design, planning, preparation and implementation of an exemplary art education program with Steinberg Museum of Art at Hillwood, located on the Post Campus.

Developed from an interdisciplinary perspective, the course provides students with practical interpretive skills for analyzing art as learning in varied contexts with children. Teaching skills developed through the model strengthen the art educator's abilities to incorporate art history, aesthetics, and art criticism into the school art curriculum.

Credits: 3

Every Spring

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

CER 3 Advanced Ceramics

Advanced Ceramic studies. The course stresses development of an individual approach to form, design and finish. Study and practical application of ceramic technology includes casting, glaze chemistry, kiln building and firing.

Prerequisite of ART 31 is required.

Credits: 3

Annually

CER 4 Advanced Ceramics

Advanced Ceramic studies. The course stresses development of an individual approach to form, design and finish. Study and practical application of ceramic technology includes casting, glaze chemistry, kiln building and firing.

Prerequisite of ART 31 is required.

Credits: 3

Annually

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

PHOJ 1 Photojournalism

The class studies the origins and developments of photojournalism and the structure of the photo story, particularly the relationship between photographs and text. Particular emphasis is given to newspaper photography. Each student is required to produce a photo story complete with photography and text.

Prerequisite of PHOT 6 or permission of instructor is required.

Credits: 3

Every Spring

PHOT 4 Color Photography

This course explores advanced techniques and problems in digital color capture and printing. Color temperature and the appropriate filtration to produce accurate color prints will be fully covered.

Prerequisites of ART 2 or 19 and PHOT 101 or permission of instructor are required.

Credits: 3

Every Fall

PHOT 5 Photo Studio

This is an advanced course examining equipment, techniques and problems in the professional field. Students use large format view cameras, lenses, lighting instruction in the zone system, etc., with an emphasis on creativity.

Prerequisite of PHOT 101 is required.

Credits: 3

Every Fall

PHOT 6 Basic Lighting Techniques and Aesthetics

This is an introduction to the mechanics and aesthetics of photography. It is a studio course for photo majors to study photographic processes and techniques, including portable electronic, quartz and flood lights. The emphasis is on combining techniques and aesthetics.

Prerequisite of PHOT 101 is required.

Credits: 3

Every Fall

PHOT 7 Photo Workshop

The workshop explores and develops a class theme that culminates in an exhibit. Critiques play an important role.

Prerequisites of (ART 2 and PHOT 101) or (ART 19 & 20) are required.

Credits: 3
Every Fall

PHOT 8 Experimental and Advanced Techniques

Advanced techniques and experimental photography are explored in this course. This is a highly technical course that includes hand coloring techniques, pinhole cameras, Polaroid transfers, etc. Prerequisites of ART 2 or 19 and PHOT 101 or permission of instructor are 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.

Prerequisite of PHOT 5 is required.

Credits: 3
Every Semester

PHOT 10 Studio Lighting Techniques and Aesthetics

An advanced studio course utilizing the view camera to study advanced lighting techniques and processes in order to produce a portfolio utilizing techniques learned.

Prerequisite of PHOT 5 is required.

Credits: 3
Every Spring

PHOT 11 Intermediate Course in Techniques and Aesthetics

This course is a continuation of the study of the medium and aesthetics of photography. This is a studio course for photo majors to study location lighting techniques with emphasis on annual reports, booklets and other aspects of commercial and studio photography.

Prerequisite of PHOT 6 or permission of instructor is required.

Credits: 3
Every Spring

PHOT 12 Advanced Techniques and Aesthetics

This course explores the realm of personal vision in photography and emphasizes the development of an individual aesthetic sensibility. Composition, sources of creative inspiration and choice of techniques and materials and their application are investigated.

Prerequisite of PHOT 4, 5 and 6 or permission of instructor is required.

Credits: 3
Every Spring

PHOT 30 Digital Large Format Printing

This course will teach students how to produce large exhibition photographs on digital printers. Students will learn advanced techniques in Adobe Photoshop, calibration of monitors, profiling printers, about the different printing papers and color spaces to prepare for printing large format

Epson Printers. The assignments will emphasize aesthetics and the labs will address the technical issues.

Prerequisites of PHOT 4, 5 and 6 and at least junior status or permission of instructor is required.

Credits: 3
Every Spring

PHOT 101 B&W Silver Gelatin Printing

A studio course in traditional methods of B&W film development and silver gelatin darkroom techniques and aesthetics.

Prerequisites of ART 19 or ART 2 are required.

Credits: 3
Every Spring

DEPARTMENT OF DESIGN AND DIGITAL TECHNOLOGIES

Chair: Conover

Professor: Conover

Associate Professors: Aievoli, DelRosso, O'Daly

Assistant Professors: Corbetta, Wallace

Adjunct Faculty: 4

The Department of Design & Digital Technologies 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. The department offers undergraduate B.F.A. degrees in Digital Arts & Design and Digital Game Design and Development. The program provides students with the technical, creative and collaborative skills necessary to enter the professional world of design.

B.F.A. in Digital Arts and Design

Students wishing to pursue studies in the digital arts & design have numerous options for career paths available to them. The 120-credit Bachelor of Fine Arts in Digital Arts & Design program is geared to prepare students for successful careers in design, whether that be in print, web or multimedia. The first and foremost responsibility of the program is to pass on the knowledge, as well as nurture the technical and creative skills, that are required for graduates to secure jobs as designers. Courses cover a range of areas including desktop publishing, vector-based illustration, digital imaging, web design, and interactive multimedia, as well as 3D animation and desktop video. Students begin by learning the fundamentals of art history, drawing and illustration and then apply these long-established principles to the evolving world of graphic design. With an established plan of study that allows students to explore a range of design software and media, students are also introduced to the different paths they can pursue within the design field. Some of our students go into advertising, others to interactive web design or publishing. As students move through the program they begin to develop interests that determine which area of design they will pursue. The program includes a mandatory internship course that requires students to complete a graphic design internship before they graduate. This internship program helps to demystify the work experience and gives students an understanding of what it is like to actually work

in an art department. Students in the B.F.A. in Digital Arts and Design Program have interned and gone on to work at such companies as 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, as well participate in a Senior Thesis Exhibition.

Class sizes are small and students get to work in a fully networked, state of the art computer lab which is equipped with over eighty Macintosh workstations, large format color printers, and scanners. Our faculty is comprised of working professionals who practice what they preach in the classroom and continue to work outside of class as print and web designers, multimedia artists and authors.

ADMISSION REQUIREMENTS

Incoming freshmen must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.

Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores. Students wishing to transfer into the digital art and design program must submit a portfolio containing both fine art and design-related material. A personal interview is held with the director of the digital arts and design program to evaluate the artistic skills of the applicant and to help with the transfer credit evaluation.

More information on portfolio reviews may be found on the Art Portfolio Scholarship Review Days website at www.liu.edu/cwpost/art or by calling the Department of Art at 516-299-2464.

To apply for departmental scholarships, see the Department of Art Scholarships on the Department of Art homepage at www.liu.edu/post/art.

B.F.A. in Digital Arts and Design

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.F.A. in Digital Arts and Design must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

Fine Arts 3 credits

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

Digital Arts and Design

Major Requirements

Required Digital Arts & Design Courses: (64 credits)

ART 2	Studio Foundation I	9.00
ART 6	3D Visualization	3.00
CGPH 1	Digital Art Freshman Seminar	1.00
CGPH 1	Computer Layout 1	3.00
CGPH 6	Advanced Computer Layout 2	3.00
CGPH 7	Digital Illustration 1	3.00
CGPH 10	Digital Graphics Production Lab	3.00
CGPH 11	Interaction Design 1	3.00
CGPH 12	Desktop Video	3.00
CGPH 15	Desktop Video 2	3.00
CGPH 16	Digital Imaging	3.00
CGPH 18	Digital Imaging Synthesis	3.00
CGPH 20	3D Modeling & Animation 1	3.00
CGPH 21	3D Modeling & Animation 2	3.00
CGPH 22	Website Design	3.00
CGPH 24	Website Development	3.00
VISL 1	Introduction to Graphic Design	3.00
VISL 2	Publication Design	3.00
VISL 3	Advertising Design	3.00
VISL 98	Portfolio Preparation	3.00

Elective Directed Art Studio Courses: (9 credits)

Choose three of the following

CGPH 8	Digital Illustration 2	3.00
CGPH 9	Digital Typography	3.00
CGPH 14	Interaction Design 2	3.00
CGPH 97	Internship	3.00

Required Art History Courses: (6 credits)

ART 1	Introduction to the Visual Arts	3.00
ART 85	History of Visual Communications	3.00

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

B.F.A. in 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 in Digital Game Design & Development

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.F.A. in Digital Game Design & Development must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits
Fine Arts	3 credits

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

BFA Digital Game Design & Development

Major Requirements

Every Digital Game Design & Development student must take all the required courses listed below before graduating. Required courses add up to 37 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: (22 credits)

DGD 1	Introduction to Game Design	3.00
DGD 2	Games Through History	3.00
DGD 3	Game Studies	3.00
DGD 4	Digital Game Development 1	3.00
DGD 5	Digital Game Development 2*	3.00
DGD 6	Digital Game Development 3*	3.00
DGD 91	Senior Game Project*	4.00

Required Co-Related Courses: (15 credits)

CGPH 16	Digital Imaging	3.00
CGPH 20	3-D Modeling & Animation 1*	3.00
CS 101	Introduction to Computers and Programming	3.00
CS 106	GUI Programming*	3.00
MUS 16G	Sounds Like Fun and Games	3.00

Game Electives and Concentration Sequences

Students must complete 33 credits from the following list of Game Electives: (33 credits)

Students who want to complete the Computer Programming for Games concentration must take the following courses as part of their Game Electives: CS 111, CS 116, CS 127, and CS 133. Students who want to complete the Visual Design for Games concentration must take the following courses as part of their Game Electives: ART 11, CGPH 7, CGPH 18, and CGPH 21.

CS 111	Object Oriented Programming I*	3.00
CS 116	Intermediate Data Structures and Algorithms*	3.00
CS 127	Introduction to Game Design (CS)*	3.00
CS 133	Analysis & Logic Design	3.00
CS 231	Database Fundamentals*	3.00
CS 237	Human-Computer Interaction*	3.00
CS 245	Working in a Team Environment*	3.00
CS 254	Artificial Intelligence and Games*	3.00
CS 257	Computer Graphics*	3.00

CS 263	Game Programming I*	3.00
CS 267	Scientific Foundations for Games*	3.00
CS 271	Game Programming II*	3.00
CGPH 7	Digital Illustration 1	3.00
CGPH 8	Digital Illustration 2*	3.00
CGPH 9	Digital Typography*	3.00
CGPH 11	Interaction Design 1	3.00
CGPH 14	Interaction Design 2*	3.00
CGPH 18	Digital Imaging Synthesis*	3.00
CGPH 21	3-D Modeling and Animation 2*	3.00
ART 1	Introduction to Visual Arts	3.00
ART 5	Introduction to Basic Drawing	3.00
ART 11	Life Drawing	3.00
ART 12	Life Drawing 2*	3.00
ENG 182	Introduction to Creative Writing*	3.00
ENG 282	Fiction Writing*	3.00
ENG 285	Screenwriting*	3.00
MTH 3	College Algebra and Trigonometry*	4.00
MTH 7	Calculus and Analytic Geometry I*	4.00
MTH 19	Basic Statistics	4.00
BDST 4	Digital Audio Production*	3.00
BDST 11	Production Essentials: Audio	3.00
CMA 10	Media Law and Ethics	3.00
MUS 1	Introduction to Musical Concepts	3.00
MUS 2	Elementary Musicianship	3.00
MUS 14A	Introduction to Music Technology	3.00
MUS 14B	Intermediate/Advanced MIDI Sequencing*	3.00
MUS 14C	Intermediate/Advanced Notation*	3.00
CIN 25	Animation and Computer Graphics Workshop	3.00
CIN 26	Intermediate Animation and Computer Graphics Workshop*	3.00

CIN	27	Advanced Animation and Computer Graphics Workshop*	3.00
DGD	XX	Any DGD course not listed above	XX

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 30
 Minimum Major Credits: 70
 Minimum Overall GPA: 2.00
 Minimum Major GPA: 2.00

ACCELERATED PROGRAMS

B.F.A./M.A. in 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 / M.A. in Digital Game Design & Development

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.F.A. / M. A. in Digital Game Design & Development must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits (excluding CMA 9)
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

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

Undergraduate Digital Game Design & Development Major Requirements

Every Digital Game Design & Development student must take all the required courses listed below before graduating. Required courses add up to 37 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 Undergraduate Courses: (22 credits)

DGD	1	Introduction to Game Design	3.00
DGD	2	Games Through History	3.00
DGD	3	Game Studies	3.00
DGD	4	Digital Game Development 1	3.00
DGD	5	Digital Game Development 2*	3.00
DGD	6	Digital Game Development 3*	3.00
DGD	91	Senior Game Project*	4.00

Required Co-Related Undergraduate Courses: (15 credits)

CGPH	16	Digital Imaging	3.00
CGPH	20	3-D Modeling & Animation 1*	3.00
CS	101	Introduction to Computers and Programming	3.00
CS	106	GUI Programming*	3.00
MUS	16G	Sounds Like Fun and Games	3.00

Undergraduate Game Electives and Concentration Sequences

Students must complete 33 credits from the following list of Game Electives (33 credits) Students who want to complete the Computer Programming for Games Concentration must take the following courses as part of their Game Electives: CS 111, CS 116, CS 127, and CS 133.

Students who want to complete the Visual Design for Games Concentration must take the following courses as part of their Game Electives: ART 11, CGPH 7, CGPH 18, and CGPH 21.

CS	111	Object Oriented Programming I*	3.00
CS	116	Intermediate Data Structures and Algorithms*	3.00
CS	127	Introduction to Game Design (CS)*	3.00

CS	133	Analysis & Logic Design	3.00
CS	231	Database Fundamentals*	3.00
CS	237	Human-Computer Interaction*	3.00
CS	245	Working in a Team Environment*	3.00
CS	254	Artificial Intelligence and Games*	3.00
CS	257	Computer Graphics*	3.00
CS	263	Game Programming I*	3.00
CS	267	Scientific Foundations for Games*	3.00
CS	271	Game Programming II*	3.00
CGPH	7	Digital Illustration 1	3.00
CGPH	8	Digital Illustration 2*	3.00
CGPH	9	Digital Typography*	3.00
CGPH	11	Interaction Design 1	3.00
CGPH	14	Interaction Design 2*	3.00
CGPH	18	Digital Imaging Synthesis*	3.00
CGPH	21	3-D Modeling and Animation 2*	3.00
ART	1	Introduction to Visual Arts	3.00
ART	5	Introduction to Basic Drawing	3.00
ART	11	Life Drawing	3.00
ART	12	Life Drawing 2*	3.00
ENG	182	Introduction to Creative Writing*	3.00
ENG	282	Fiction Writing*	3.00
ENG	285	Screenwriting*	3.00
MTH	3	College Algebra and Trigonometry*	4.00
MTH	7	Calculus and Analytic Geometry I*	4.00
MTH	19	Basic Statistics	4.00
BDST	4	Digital Audio Production*	3.00
BDST	11	Production Essentials: Audio	3.00
CMA	10	Media Law and Ethics	3.00
MUS	1	Introduction to Musical Concepts	3.00
MUS	2	Elementary Musicianship	3.00
MUS	14A	Introduction to Music Technology	3.00

MUS	14B	Intermediate/Advanced MIDI Sequencing*	3.00
MUS	14C	Intermediate/Advanced Notation*	3.00
CIN	25	Animation and Computer Graphics Workshop	3.00
CIN	26	Intermediate Animation and Computer Graphics Workshop*	3.00
CIN	27	Advanced Animation and Computer Graphics Workshop*	3.00
DGD	XX	Any DGD course not listed above	XX

Graduate Digital Game Design and Development Requirements

Required Core Courses

Required Digital Game Design Graduate Courses: (15 credits)

DGD	501	Introduction to Game Design	3.00
DGD	504	Game Development 1	3.00
DGD	505	Game Development 2	3.00
DGD	511	The History of Games	3.00
DGD	625	The Game Industry	3.00

Required Digital Game Design Graduate Thesis Courses: (9 credits)

DGD	707	Thesis Prototyping	3.00
DGD	708	Thesis Seminar	3.00
DGD	709	Thesis Lab	3.00

Elective Digital Game Design Graduate Courses: (12 credits)

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

DGD	513	Multiplayer Game Design	3.00
DGD	525	Audio Design for Games	3.00
DGD	510	Narrative Game Design	3.00
DGD	512	Educational Game Design	3.00
DGD	520	2D Game Programming	3.00
DGD	522	Advanced Game Programming	3.00
DGD	524	Systems Engineering for Game Development	3.00
DGD	526	Project Management for Game Development	3.00
DGD	503	Visual Design 1	3.00
DGD	506	Visual Design 2	3.00
DGD	621	Dimensional Imaging & Animation I	3.00
DGD	622	Dimensional Imaging & Animation II	3.00

Credit and GPA Requirements

Minimum Total Credits: 144
 Minimum Total Undergraduate Credits: 120
 Minimum Undergraduate Liberal Arts Credits: 30
 Minimum Undergraduate Major Credits: 70
 Minimum Graduate Major Credits: 36
 Minimum Undergraduate Major GPA: 2.00
 Minimum Undergraduate Cumulative GPA: 2.00
 Minimum Graduate GPA: 3.00

MINORS

Minor in Digital Arts and Design

Minor in Digital Art & Design

Required Digital Art & Design Courses

CGPH	5	Computer Layout 1	3.00
CGPH	7	Digital Illustration 1	3.00
CGPH	16	Digital Imaging	3.00
CGPH	26	Web design for non Art majors	3.00
VISL	1	Introduction to Graphic Design	3.00

Credit and GPA Requirements

Minimum Total Credits: 15
 Minimum Minor GPA: 2.25

Minor in Digital Game Design and Development

An 18-credit minor in Digital Game Design and Development is available to students in other majors who would like to expand their career options into this promising field. Students completing a minor in Digital Game Design and Development will be taking courses that focus on hands-on game creation. Courses are taught in a digital games lab featuring 20 computers, multiple projectors, a large TV screen, and the latest videogame consoles. Students have access to a wide variety of software, including Photoshop, Illustrator, Unity, Microsoft Office, and Maya.

Minor in Digital Game Design & Development

Required Digital Game Design Courses

DGD	1	Introduction to Game Design	3.00
DGD	2	Games Through History	3.00
DGD	3	Game Studies	3.00
DGD	4	Digital Game Development 1	3.00
DGD	5	Digital Game Development 2	3.00

DGD	6	Digital Game Development 3	3.00
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Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Minor GPA: 2.25

Design and Digital Technologies Courses

CGPH 5 Computer Layout 1

This introductory course will primarily focus on instructing students how to use Adobe Indesign as a creative design tool. Through a series of demonstrations, students will gain a knowledge of page layout and typography as well as be given a technical and aesthetic foundation for creating successful page layouts. Emphasis will be on simultaneously developing the student's technical skills and design sensibility as they compose and design a variety of graphic design projects. These projects include creating business cards and letterheads, book cover jackets and infographics. Through a series of assigned readings and lectures this course will stress the importance of basic design principles and students will also become familiar with the varied functions of graphic design and how to discuss and critique it. Other aspects of desktop publishing such as scanning and pre-production considerations are also covered.

Credits: 3

Every Fall

CGPH 6 Advanced Computer Layout 2

This advanced layout course focuses on both the design and production capabilities of Indesign. While students will predominantly work in Indesign they will be expected to integrate Illustrator and Photoshop into their designs. Students will gain knowledge of professional graphic design and production as they see their projects move through the entire process; from the conception of ideas, to the design execution, and finally through the production of three-dimensional prototypes. Emphasis will be equally placed on developing the student's technical skill, speed, and accuracy and also on developing their personal aesthetic sensibility and emerging design style. Students will design and compose a variety of graphic design projects which include brochures, menus, and CD packages.

Prerequisite of CGPH 5 or equivalent is required.

Credits: 3

Every Spring

CGPH 7 Digital Illustration 1

This introductory course will introduce the student to Digital Illustration using Adobe Illustrator. Through a series of computer demonstrations students will be introduced to a wide range of tools and techniques commonly used in illustration. The primary focus of the course is to first provide the student with a fundamental technical overview of how to use Illustrator. Students will then will apply this knowledge to create a wide variety of graphic design and illustration projects which include logos, postage stamps, package design, and label design. Emphasis will be placed on developing technique, style, and accuracy.

Credits: 3

Every Fall

CGPH 8 Digital Illustration 2

In this advanced illustration course students will be introduced to sophisticated techniques using Adobe Illustrator through a series of computer demonstrations. This course will reinforce and encourage use of basic design principles that students have been previously introduced to. As they continue to sharpen both their technical and conceptual illustration skills students are expected to create a wide variety of complex illustration projects that include event logos, technical renderings, and editorial illustrations. Emphasis will be on developing technique, style, and accuracy. Integration of Photoshop into the illustration process will be addressed as well as importing these illustrations into page layouts using Indesign. Students will also be introduced to and use digital drawing tablets.

Prerequisite of CGPH 7 or equivalent is required.

Credits: 3

Every Spring

CGPH 9 Digital Typography

This advanced typography course provides the student with a comprehensive understanding of the usage, design, and aesthetics of type through a series of projects which incorporate both traditional techniques and digital creation. These projects include creating a set of typographic dingbats/icons, an all type poster design, and a distressed type treatment. The objective of this course is to provide the student with a technical and aesthetic foundation for creating successful typographic designs. The history of typography and traditional typographic techniques will also be covered. The course will incorporate different software packages depending on the project requirements. Adobe Illustrator and Photoshop will be the predominant software applications used to create a range of typographic treatments. Students will also learn how to properly work with display type as they create typographic designs in Indesign.

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 terms 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 course is an introduction to Interaction Design. Course instruction will be on a variety of software used to create interaction design products. Students will gain knowledge of all forms of interaction requirements dealing with the areas of information, education, promotion and entertainment arenas. Emphasis will be on developing an understanding of various interactive techniques and protocol. Students will learn how to create artwork and all the components necessary to complete an interaction design concept to wireframes containing audio, video animation, typical animation cell format and scripting techniques.

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 Premiere. Emphasis will be placed on the design and integration of motion graphics, text and sound to create a compelling coherent vehicle for communication.

Prerequisite of CGPH 16 or permission of instructor is required.

Credits: 3

Every Semester

CGPH 14 Interaction Design 2

This course addresses advanced Interaction Design and User Interface and Experience. Course instruction will be on a variety of software used to create interactive products. Students will gain knowledge of all forms of interactive publications and presentations dealing with the areas of information, education, promotion and entertainment arenas. Emphasis will be on developing an understanding of various interactive techniques and protocol. Students will compose a variety of sample interactive presentations. Students will learn how to create artwork and all the components necessary to complete an interactive presentation, via audio, video animation and scripting techniques.

Prerequisite of CGPH 11 is required.

Credits: 3

Every Spring

CGPH 15 Desktop Video II

This course gives students the advanced skills necessary to design, animate and integrate video projects. Students will be introduced to video acquisition and editing with industry standard equipment and software. Students will further develop the necessary creative skills and aesthetic decision-making from storyboards through post-production techniques. Students will be introduced to stop frame animation, intermediate and advanced video editing and compositing techniques using industry standard equipment and software. Students will also be introduced to location and

studio video recording techniques. Emphasis will be placed on exploring effective ways to communicate with cohesive, integrated original video, motion graphics, text and sound for distribution across various media platforms.

Pre requisite of CGPH 12 is required.

Credits: 3

Every 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 applications. Students also learn image editing and manipulation techniques. The course also covers industry standards on resolution and colors models for creating digital imagery. Emphasis is placed on technical proficiency and creative expression.

Credits: 3

Every Fall and Spring

CGPH 18 Digital Imaging Synthesis

Digital Imaging Synthesis explores advanced aesthetic and technical concepts in imaging using Adobe Photoshop. Creation and assemblage of source materials, complex montage making and development of a personal style are covered. Experimental projects include an introduction to web graphics, cross program design issues and special effects creation.

Prerequisite of CGPH 16 or PHOT 23 or permission of instructor is required.

Credits: 3

Every Semester

CGPH 20 3-D Modeling & Animation 1

This course is intended for advanced students who wish to create three-dimensional moving objects utilizing modeling and animation script techniques. Using a three-dimensional modeling/animation program, students build objects, view the model from any angle and then render it with a palette of 16 million colors. Students will gain a basic proficiency in the industry standard software, Autodesk Maya 3D. Emphasis will be placed on principles of 3D design techniques for animation and illustration. Maya's relationship to peripheral software such as Photoshop CC and Adobe After Effects CC will also be explored. This course will conclude with an introduction to 3D character development and animation for both the movie and gaming environments.

Game Design Students: a pre requisite of CGPH 16 is required.

Digital Arts Students: a pre requisite 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 three-dimensional modeling and animation with the current version of Maya. Emphasis will be placed on character development, modeling, and

animation scripting within the three-dimensional environment.

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 HTML5 and CSS editor to design and publish Websites. Students will also learn how to use the bootstrap 3 framework to develop a professional portfolio Website from a mobile responsive template. This course provides students with a foundational understanding of Web design software and Website design techniques including: the ability to use Adobe Dreamweaver as an HTML and CSS editor, the ability to use Adobe Creative Suite to develop content for Websites, and how to employ Bootstrap to develop "mobile friendly" responsive Websites. Knowledge of SEO (Search Engine Optimization) and Website promotion will also be covered.

Prerequisites of CGPH 7, 11 and 18 are required.

Credits: 3

Every Fall

CGPH 24 Website Development

This course provides students the opportunity to further advance to their skills in website design and development. Students will learn how to add functionality to Web sites with scripting and server side technologies including advanced HTML/XHTML, PHP, MySQL programming and content management solutions. Students will also examine methods for integrating these technologies with Cascading Style Sheets (CSS) to incorporate the elements of design into Web site content. Aesthetics trends of website design will also be explored.

Prerequisite of CGPH 22 is required.

Credits: 3

Every Spring

CGPH 26 Web Design for Everyone

This is an introductory course in Internet Website design. This course is designed for non-design students who want to create basic websites without extensive knowledge of html programing and graphic design software. The course introduces the student to Adobe Dreamweaver as an authoring tool for creating Websites. Basic Web page layout techniques and digital image preparation methods are covered. The course focuses on using and manipulating pre-built Web page templates to create Websites for various subjects. Website hosting and publishing and promotion basics are also covered.

Prerequisite of non-majors only is required.

Credits: 3

Every Fall and Spring

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.

Prerequisites of CGPH 5, 7 and 16 are required.

Credits: 3

Every Semester

DGD 1 Introduction to Game Design

This is an intense hands-on course in which students design a new game every two weeks. Because of its focus on quick iteration, these games are non-digital. Students create card games, board games, and physical games. This class has a heavy focus on playtesting. Students will play each other's games and give one another constructive feedback. In this course students are expected to 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. Most importantly, we will take time to critically play the games we discuss, enabling students to gain a critical understanding and appreciation of canonical games.

Credits: 3

Annually

DGD 3 Game Studies

This is the most purely academic of the Core Digital Game Design and Development classes. This course asks the student to read and write about games from an interested academic perspective. Throughout the semester, 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 three major papers during the semester. During class students will discuss the readings and make presentations based on their papers. Examples from both historical games and modern games will be used in class discussions.

A pre requisite of DGD 2 is required.

Credits: 3

Annually

DGD 4 Digital Game Development 1

Digital Game Development 1 is the first hands-on video game development class in the Digital Game Design and Development Program. 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 game-specific 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

Annually

DGD 5 Digital Game Development 2

Digital Game Development 2 gives the student an overview of multiple game development engines. Since students are required to have completed DGD1 before taking this course, it is assumed that they already have a good understanding of basic programming principles. This course explores two very different engines, giving students a general overview of the two while also giving them a choice of which one to use for their final project. The first portion of the course is taught in GameMaker, while the second half is taught in Unity. 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

On Occasion

DGD 6 Digital Game Development 3

Digital Game Development 3 is a project-based class that gives students a chance to work on a single team project for the entire semester. This course follows the structure of a professional game development studio. Students are expected to work in groups of 3-5 people to create a game from concept to final execution. This class builds upon the skills students learned in previous core classes, so students will be expected to begin the semester with the necessary knowledge to create a polished game with the help of their teammates.

A pre requisite of DGD 1, DGD 4 and DGD 5 is required.

Credits: 3

On Occasion

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

On Occasion

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 over the course of the program to create a major final project. Unlike Digital Game Development 3, the Senior Game Project allows students to work as individuals or in groups of any size. Students do not need permission from the instructor to pursue a particular project. 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

Annually

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.

Prerequisite of Senior status required.

Credits: 3

Every Semester

VISL 1 Introduction to Graphic Design

A basic graphic design studio course that deals with communicating ideas through the use of type and image. The principles of graphic design are taught through a series of design problems intended to train the student to think as a designer when solving problems. This class focuses on the development of the student as a graphic designer. Topics to be covered are the elements and principles of design such as color, shape relationships, thematic design, typography, etc. Students will utilize Adobe Illustrator and will develop all work through sketching first. Using these design techniques and programs students will develop a body of images directed towards graphic design both print and new media. The emphasis is on creativity, exploration and the development of a working knowledge of graphic design and how it is integrated into all forms of print and new media.

Prerequisites of ART 2 and 3 are required.

Credits: 3

Every Fall

VISL 2 Publication Design

This advanced design course deals with 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 of publication design. Emphasis will be placed on designing clear

and interesting page layouts for a variety of publications. The design principles taught will involve grids, layout/composition, type and image, visual hierarchy, and typographic space. Particular attention will be given to designing the numerous elements that comprise a magazine article such as sidebars, eyebrows, timelines, and annotated photos.

Prerequisites of VISL 1 and CGPH 5 are required.

Credits: 3

Every Fall

VISL 3 Advertising Design

This class focuses on the development of the student as an advertising designer. Topics to be covered are the elements and principles of design such as color, shape relationships, thematic design, typography, etc. Students will utilize several software programs and will develop all work through sketching first. Using these design techniques and programs students will develop a body of images directed towards graphic design both print and new media. The emphasis is on creativity, exploration and the development of a working knowledge of graphic design and how it is integrated into all forms of print and new media.

Prerequisite VISL 1 is required.

Credits: 3

Every Spring

VISL 98 Portfolio Preparation

In this class design students in their senior year learn how to prepare a professional portfolio representative of their work. Students' artwork and resumes are reviewed and developed into final portfolio pieces. In this course each graphic design student will work on preparing and fine-tuning their representative portfolio. The objective of this course is to ensure that students graduating with design degrees have a portfolio of work which properly represents their design skills and interests to prospective employers. Students will spend the majority of the semester working on refining and outputting their portfolio pieces. Students are required to create both print and electronic PDF versions of their portfolios. Resumes and cover letters will also be reviewed and refined. Instructor will hold class discussions on various aspects of entering professional design field. Some of these aspects include different types of design positions, how to conduct a job hunt, and interviewing techniques.

Prerequisite of Senior status is required.

Credits: 3

Every Semester

DEPARTMENT OF COMMUNICATIONS AND FILM

Phone: 516 299-2382

Chair: Professor Fowles

Professors: Carlomusto, Zeig

Associate Professors: Dress, Koshel, Robinson, Sohn

Assistant Professor: Gerdes, Peltola, Schurr Levin

Adjunct Faculty: 18

The Department of Communications and Film prepares students for dynamic and rewarding careers in media and communications fields, film, advertising, journalism, and public relations. We offer a strong foundation in theory, ethics, culture and history as well as access to cutting-edge technologies and practical work experience. The Department of Communications and Film offers four undergraduate degree programs — the B.F.A. in Broadcasting, the B.F.A. in Journalism, B.F.A. in Public Relations and the B.F.A. in Film, along with minors in Advertising, Broadcasting, Journalism, Public Relations, Communications, and Specialty Reporting.

Each degree program emphasizes writing skills, development of creative thinking as well as mastery of cutting edge technologies to prepare students for employment in 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.

B.F.A. in Broadcasting

The 120-credit Bachelor of Fine Arts in Broadcasting opens students to the world of digital radio, digital video, webcasting and multimedia.

This major prepares students for careers as varied as documentary producers, television writers, 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 both radio and television. LIU Post students intern at some of the nation's top media organizations, including CBS, MTV Networks, NBC TV, Z-100, WBAB, WFAN Radio, HGTV, and News 12, Long Island.

ADMISSION REQUIREMENTS

- Incoming freshmen** must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.
- Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.F.A in Broadcasting

[Program Code: 81358]

Core Curriculum Requirements

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

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits
Fine Arts	3 credits

For a more detailed listing of these requirements, see the core curriculum section of this bulletin. It is strongly recommended that majors use CMA 4 as the fine arts core requirement.

B.F.A. in Broadcasting

Major Requirements

Required Media Arts Core: (18 credits)

BDST 11	Production Essentials: Audio	3.00
BDST 12	Production Essentials: Video	3.00
CMA 2	Mass Media in America	3.00
CMA 4	Media Literacy: Behind the Message	3.00
CMA 5	Writing in the Digital Age	3.00
CMA 10	Media Law and Ethics	3.00

Required Co-Related Course List 1: (3 credits)

Choose one of the following:

ORC 1	Public Speaking	3.00
ORC 17	Speech in Organizations	3.00

Required Co-Related Course List 2: (3 credits)

Choose one of the following:

ART 4	Introduction to Computer Graphics	3.00
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ART 30	Communications Photography	3.00
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CGPH 16	Digital Imaging	3.00
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Required Major Courses: (30 credits)

BDST 4	Digital Audio Production	3.00
BDST 6	Intermediate Television Production: Studio	3.00
BDST 17	Writing for TV and Radio	3.00
BDST 25	Intermediate television Production: Field	3.00
BDST 34	Advanced Digital Audio Production	3.00
BDST 46	Video for the Web	3.00
BDST 54	Creating the Television Newscast	3.00
BDST 57	Advanced Digital Editing	3.00
JOU 3	Basic Reporting	3.00
JOU 56	Television Newsgathering	3.00

Required co-related courses List 3. Choose 1: (3 credits)

BDST 27	Applied Television	3.00
BDST 28	Advanced Applied Television	3.00

Required Co-related list 4: Choose 1: (3 credits)

BDST 63	Applied Radio	3.00
BDST 64	Applied Radio	3.00

Required Broadcasting Senior

Research/Honors Tutorial: 3 credits)

Choose one of the following:

BDST 91	Senior Research in Broadcasting*	3.00
BDST 385	Honors Tutorial	3.00
BDST 386	Honors Tutorial	3.00

Required Broadcasting Senior Project/Honors Thesis: (3 credits)

Choose one of the following:

BDST 92	Senior Project & Portfolio	4.00
BDST 389	Honors Thesis	4.00
BDST 390	Honors Thesis	4.00

Elective Broadcasting Courses: (6 credits)

At least six credits from the following:

BDST 5	Radio and TV Speech	3.00
BDST 27	Advanced Applied TV	3.00
BDST 28	Advanced Applied Television	3.00
BDST 34	Advanced digital Audio	
BDST 37	Voice-Overs and Narration Workshop	3.00
BDST 40	Topics in Electronic Media	3.00

BDST 42	The broadcast documentary	3.00
BDST 44	Documentary Production Workshop	3.00
BDST 45	Producing Talk Shows	3.00
BDST 46	Video for the Web	
BDST 52	Radio/TV Interviewing Techniques	3.00
BDST 56	Scriptwriter's Workshop	3.0
BDST 59	Short Story to Video	3.00
BDST 63	Applied Radio News	3.00
BDST 64	Applied Radio News	3.00
BDST 65	Applied Radio: on-air	3.00
BDST 66	Applied Radio: Sportsdesk	3.00
BDST 67	Applied Public Relations: Campus Media	3.00
BDST 87	Internship	3.00
BDST 88	Internship	3.00
BDST 89	Advanced Independent Study in Electronic Media	1.00
CMA 7	Media Relations	3.00

The following courses may also be used to complete credit requirements in the Broadcasting Major

CMA 30	Sports Media Foundation	3.00
CMA 31	Sportscasting	3.00
CMA 40	Topics in Media Arts	3.00

Credit and GPA Requirements

- Minimum Total Credits: 120
- Minimum Liberal Arts Credits: 30
- Minimum Major Credits: 67
- Minimum Overall GPA: 2.00
- Minimum Major GPA: 2.00

B.F.A. in Journalism

Journalism is a challenging and fast-paced career. Given the flood of information that surrounds us, the public looks to skilled journalists to provide news and commentary that informs civic dialogue, and to report the latest trends and events in politics, government, culture, entertainment, sports, technology, and much more. The Journalism major trains students to be strong writers, a skill that can be applied to jobs in many other fields as well.

The 120-credit Bachelor of Fine Arts in Journalism provides you with an understanding of the increasingly complex task of reporting, writing, editing and delivering the news in a multimedia environment. Our program develops practical knowledge and conceptual foundations

for work in the varied forms of print, broadcast and online journalism as well as for graduate study in journalism and related fields. Journalism students are strongly encouraged to select a minor in another field, such as a science, social science or business to better prepare them to report in a specific content area with deeper understanding.

Students in other majors with an interest in writing may want to consider a minor in journalism, specialty reporting or communications. These 15 credit minors offer students an opportunity to develop their writing and reporting skills. Having these skills also opens up career paths in a variety of fields.

Journalism majors study in small classes with professors who have extensive professional experience. They sharpen their skills with reporting for The Pioneer, the award-winning LIU Post student newspaper; PTV, the campus television station, WCWP, the campus radio station; and The Bottom Line, the student magazine. 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 .

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.F.A. in Journalism

[Program Code: 81359]

Core Curriculum Requirements

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

First Year Seminar	0 credits
Post Foundations	1 credit
Writing 1 & II	6 credits
Mathematics	3 credits
Social Sciences: ECO, POL (1 sequence)	6 credits
SOC, ANT, PSY, GGR (1 sequence)	6 credits

Humanities: Foreign Language and Literature (6 credits from one area)	6 credits
Philosophy	3 credits
History	3 credits
Laboratory Science: AST, BIO, CHM, ERS, GLY, PHY, PSY	4 credits
Fine Arts: ART, CIN, DNC, CMA, MUS, THE	3 credits

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

B.F.A. in Journalism

Major Requirements

Required Dept. of Communications & Film

Core Courses: (27 credits)

ORC 1	Public Speaking	3	credits
CMA 4	Media Literacy	3	credits
BDST 11	Digital Tools: Audio	3	credits
CMA 10	Media Law and Ethics	3	credits
CMA 5	Writing in the Digital Age	3	credits
BDST 12	Digital Tools: Video	3	credits
CMA 2	Mass Media in American Society	3	credits
BDST 25	Video Field Production	3	credits
BDST 46	Web Video Production	3	credits

Required Journalism Courses: (31 credits)

JOU 3	Basic Reporting (only offered in fall)	3	credits
JOU 4	Beat Reporting (only offered in spring)	3	credits
JOU 20	Photojournalism	3	credits

JOU 5	Writing for Electronic Journalism	3 credits
JOU 41	Newspaper Laboratory (may be taken multiple times)	3 credits
JOU 56	Electronic Newsgathering (must be taken with BDST 54; only offered in spring)	3 credits
BDST 54	Producing The TV Newscast (must be taken with JOU 56; only offered in spring)	3 credits
JOU 91	Senior Research (must be taken fall of senior year)	3 credits
JOU 92	Senior Thesis & Portfolio (must be taken spring of senior year)	4 credits
JOU 87	Journalism Internship	3 credits

AND

While JOU 41 is repeatable, students are only required to complete it once to satisfy this requirement

Elective Journalism Courses: Courses that are not being used to satisfy major or core requirements. Students must take 4 (12 credits) of JOU electives.

JOU 6	Culture Reporting	3 credits
JOU 12	Investigative Journalism	3 credits
JOU 52	Interviewing (recommended)	3 credits
JOU 54	Sports Reporting	3 credits
JOU 88	Journalism Internship (at least one journalism internship is required, but 2 are recommended)	3 credits
JOU 89	Advanced Independent Study	3 credits

Free Electives: Courses that are not being used to satisfy major or core requirements. 5 credits.

Credit and GPA Requirements

- Minimum Total Credits: 120
- Minimum Liberal Arts Credits: 30
- Minimum Major Credits: 70 (includes co-related classes and major electives)
- Minimum Overall GPA: 2.00

Minimum Major GPA: 2.00

B.F.A. in Public Relations

Public Relations professionals help businesses and organizations build and maintain their reputations, promote their products and communicate effectively with multiple audiences, such as employees, members, the media, and specialized publics. These communications professionals help organizations announce their products or services to the news media, manage social media messages, and produce newsletters, web sites and videos. They work as public information officers for government agencies, help businesses establish and maintain their brands, and develop appropriate communications during times of crisis.

The 120-credit Bachelor of Fine Arts in Public Relations prepares you for an exciting career in corporate, non-profit, association or government organizations. You will learn appropriate communications writing styles and editing, promotion, publicity, advertising, digital applications, creative communication and the critical business strategies required for management-level positions. You may choose to intern at top public relations firms or communications departments and join the prestigious LIU Post's PRSSA chapter of the Public Relations Student Society of America. Students who want to minor in public relations or advertising should see minors in public relations and advertising at the end of the program descriptions.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.F.A. in Public Relations

[Program Code: 85025]

Core Curriculum Requirements

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

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts, ONLY CMA 4	3 credits

History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

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

B.F.A. in Public Relations

Major Requirements

Required Communications Core Courses*: (15 credits)

BDST 11	Production Essentials: Audio	3.00
BDST 12	Production Essentials: Video	3.00
CMA 2	Mass Media in American Society	3.00
CMA 10	Media Law and Ethics	3.00

* CMA4 is a required course, but will be credited as a Fine Arts Core course.

Required Co-Related Courses: (3 credits)

MKT 11	Marketing Principles and Practices	3.00
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Required Public Relations Courses: (34 credits)

Students must earn a minimum grade of B- in PR 91 & PR 92

PR 1	Introduction to Public Relations	3.00
PR 2	Public Relations Writing I	3.00
PR 20	Case Studies in Public Relations	3.00
PR 25	The Business of Public Relations	3.00
PR 29	Propaganda and Persuasion	3.00
PR 30	Using Business Software in Public Relations/Advertising	3.00
PR 70	Research and Evaluation in Public Relations	3.00
PR 91	Capstone I, Portfolio	3.00
PR 92	Capstone II Project, Portfolio & Seminar	4.00
PR 4	Public Relations Writing II	3.00
PR 32	Powering Presentations	3.00

Eighteen (18) credits of Public Relations Electives

(PR courses are strongly preferred, but CMA 94 or others by approval of the program director also may be used. A Department of Art course as listed

below may be used to satisfy one Public Relations elective of three credits.)

Three (3) additional credits may count toward one Public Relations Elective.

Students may opt to take one PR elective course as ART 4, ART 30, CGPH 5, CGPH 16 or CGPH 26 to fulfill this requirement.

ART 4	Introduction to Computer Graphics	3.00
ART 30	Communications Photography	3.00
CGPH 5	Computer Layout 1	3.00
CGPH 16	Digital Imaging	3.00
CGPH 26	Web design for non Art majors	3.00

Twelve (12) credits of Electives

Students in the major are required to take twelve (12) credits of electives that are not counted toward core, communications or public relations requirements. Any courses, including public relations electives in excess of the eighteen (18) credits of elective requirements can be used as free electives.

Credit and GPA Requirements

- Minimum Total Credits: 120
- Minimum Liberal Arts Credits: 30
- Minimum Major Credits: 67
- Minimum Overall GPA: 2.00
- Minimum Major GPA: 2.00

B.F.A. in Film

Majoring in film at LIU Post will help you prepare for a career in directing, cinematography, editing, lighting, producing, screenwriting or film criticism. LIU Post is one of only a handful of colleges and universities to instruct students in the use of 16mm film, and where students starting making films in their first semester. This 120-credit program also includes a strong film history component as well as courses in animation and special effects.

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.

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

ADMISSION REQUIREMENTS

- Incoming freshmen must have a solid B

average.

- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts. Applicants are notified of departmental admissions decisions in the early spring. Mid-year transfer students will be contacted individually.

SCHOLARSHIP OPPORTUNITIES

It is possible to apply for additional monies outside what the University has already granted you. Please email the Director of Film, susan.zeig@liu.edu to find out more about this.

B.F.A. in Film

[Program Code: 79555]

Core Curriculum Requirements

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

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits (excluding all CIN courses)
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

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

B.F.A. in Film

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 29	Film Theory II	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	3.00

One of the following courses (3 credits):

CIN 23	Video Documentary Workshop	3.00
CIN 24	Video Documentary Workshop	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
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Choose three courses from the following (9 credits):

CIN 13A	Advanced Motion Picture Editing	3.00
CIN 14	Cinema and the Arts	3.00
CIN 16	Advanced Cinematography	3.00
CIN 17	Advanced Screenwriting	3.00
CIN 22	Current Cinema in New York	3.00
CIN 23	Video Documentary Workshop	3.00
CIN 24	Video Documentary Workshop	3.00
CIN 25	Animation and Computer Graphics Workshop	3.00
CIN 26	Intermediate Animation and Computer Graphics Workshop	3.00
CIN 27	Advanced Animation and Computer Graphics Workshop	3.00
CIN 29	Film Theory	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 and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 30
 Minimum Major Credits: 80
 Minimum Overall GPA: 2.00
 Minimum Major GPA: 2.00

MINORS

Minor in Advertising

Undergraduate students who are pursuing a major in another subject area may apply specific courses in the public relations program (15 credits) toward a minor in advertising. A minor adds value to your degree and a competitive edge in the job market. Students are required to take PR1, PR30, and CMA4. Then they choose one of PR53 or PR54 and one of PR55 or PR56.

Contact your academic and career counselor about further requirements and additional information.

Minor in Advertising

Required Public Relations Courses

PR	1	Introduction to Public Relations	3.00
PR	30	Using Business Software in Public relations/Advertising	3.00
CMA	4	Media Literacy: Behind the Message	3.00

One of the following:

PR	53	Introduction to Advertising	3.00
PR	54	Advertising Copywriting	3.00

One of the following:

PR	55	Advertising Campaigns	3.00
PR	56	Branding: Integrating Communication	3.00

Credit and GPA Requirements

Minimum Total Credits: 15
 Minimum Minor GPA: 2.00

Minor in Broadcasting

Undergraduate students who are pursuing a

major in another subject area may apply courses (15 credits) toward a minor in Broadcasting. A minor adds value to your degree and a competitive edge in the job market.

Contact your academic and career counselor about further requirements and additional information.

Minor in Broadcasting Requirements Required Broadcasting Courses

BDST	11	Production Essentials: Audio	3.00
BDST	12	Production Essentials: Video	3.00
BDST	4	Digital Audio Production	3.00 OR
BDST	6	Intermediate Television Production: Studio	3.00
BDST	17	Writing for TV and Radio	3.00
BDST	57	Advanced Digital Editing	3.00

Credit and GPA Requirements

Minimum Total Credits: 15
 Minimum Minor GPA: 2.0

Minor in Communications

The Minor in Communications offers students from any undergraduate major an opportunity to develop a range of communication skills which are increasingly important for success in a wide variety of fields. This minor exposes student to a wide range of writing styles and formats, interactive writing, such as blogging and online publication, speech communication and reporting. This minor is an excellent choice to prepare the student to meet many career challenges, and adds value to any undergraduate degree.

Minor in Communication Requirements

Required Communication Courses

CMA	4	Media Literacy: Behind the Message	3.00
JOU	3	Basic Reporting	3.00
ENG	186	Writing in the Digital Age	3.00
ORC	1	Public Speaking	3.00
CMA	10	Media Law & Ethics	3.00
ENG	188	Writing in the Workplace: The Rhetoric of Professional Communications	3.00
JOU	41	Newspaper Laboratory	3.00

Credit and GPA Requirements

Minimum Total Credits: 15
 Minimum Minor GPA: 2.00

Minor in Film Studies

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (18 credits) toward a minor in Film.

The minor in Film adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study. Contact your academic and career counselor for additional information.

Minor in Film Studies

Non-Film Majors can choose 6 courses from the following list:

Cinema	1	Art of Film - Silent Era	3.00
Cinema	2	Art of Film - Sound Era	3.00
Cinema	3	Major Forces in the Cinema	3.00
Cinema	4	Major Figures in the Cinema	3.00
Cinema	5	Art of the Documentary Film	3.00
Cinema	9	Screenwriting - Short Form	3.00
Cinema	10	Screenwriting - Long Form	3.00
Cinema	28	Film Theory	3.00
*Cinema	303 or 304	Film and Society	3.00

* for students with a 3.3 GPA

Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Minor GPA: 2.25

Minor in Journalism

Undergraduate students who are pursuing a major in another subject area may apply specific courses (15 credits) toward a minor in journalism. The journalism minor provides you with strong reporting and writing skills that add value to your degree and a competitive edge in the job market.

Contact your academic and career counselor for additional information.

Minor in Journalism

Required Journalism Courses

JOU	3	Basic Reporting	3.00
JOU	4	Beat Reporting	3.00
JOU	5	Writing for Electronic Journalism	3.00

JOU	41	Newspaper Laboratory	3.00
CMA	10	Media Law & Ethics	3.00

JOU 20/Visual Journalism - strongly encouraged, but not required.

Credit and GPA Requirements

Minimum Total Credits: 15
 Minimum Minor GPA: 2.00

Minor in Public Relations

Undergraduate students who are pursuing a major in another subject area can apply specific elective courses (15 credits) toward a minor in public relations. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study. Required courses consist of: PR 1, PR 2, and CMA 4. Additionally, you may choose one of PR 20 or PR 25, and one of PR 29 or PR 70.

Contact your academic and career counselor about further requirements and additional information.

Minor in Public Relations

Required Public Relations Courses

PR	1	Introduction to Public Relations	3.00
PR	2	Writing and Editing for Public Relations	3.00
CMA	4	Media Literacy: Behind the Message	3.00

One of the following:

PR20 Case Studies in Public Relations 3.00
 PR25 The Business of Public Relations 3.00

One of the following:

PR	29	Propaganda and Persuasion	3.00
PR	70	Research and Evaluation in Public Relations	3.00

Credit and GPA Requirements

Minimum Total Credits: 15
 Minimum Minor GPA: 2.75

Minor in Specialty Reporting

Undergraduate students who are pursuing a major in another subject area may apply specific courses (15 credits) toward a minor in Specialty Reporting. This minor provides you with skills in reporting and writing that, when combined with your major field, can open up additional career options to you.

Contact your academic and career counselor about further requirements and additional information.

Minor in Specialty Reporting

Required Specialty Reporting Courses

JOU	3	Basic Reporting	3.00
JOU	4	Beat Reporting	3.00
JOU	5	Writing for Electronic Journalism	3.00
CMA	10	Media Law and Ethics	3.00
JOU	89	Specialty reporting independent study	3.00

The purpose of this minor is to offer students in any other major in the university a chance to develop reporting skills relevant to their major field of study. The final course for this minor (JOU 89) is a reporting project to be carried out in consultation with a member of the faculty in the student's major department, and a journalism faculty member, resulting in a reporting piece in the student's major field of study.

Elective Communications & Film Courses

JOU 41/Newspaper Laboratory - strongly encouraged, but not required.

Credit and GPA Requirements

Minimum Total Credits: 15
 Minimum Minor GPA: 2.00

Broadcasting Courses

BDST 4 Digital Audio Production

This course is designed to familiarize the student with intermediate-level theory and practice of audio production. Continues instruction in the various techniques for capturing and engineering sound. This course continues training in the tools and techniques of producing audio and provides the foundation for sound production/reproduction essential to dealing with audio in environments such as radio, television, film multimedia, broadcast journalism and web production. Prepares the student for advanced work in audio production.

Prerequisite of BDST 11 or permission of instructor is required.

Credits: 3

Every Fall and Spring

BDST 5 Radio and Television Speech

This course is an introduction to the microphone and camera speaking techniques critical for today's journalism, radio and television announcing. Audio and video recording and playback of news, commercials and dramatic scripts allow the student to evaluate his/her progress.

Prerequisites of ORC 1 or ORC 2 are required.

Credits: 3

Every Fall

BDST 6 Intermediate Television production: studio

Students explore techniques of multi-camera production in the studio setting, including camera, audio, graphics, lighting, scenery, and special effects. Students learn how to produce a variety of studio formats including: talk shows, panel discussions, comedic sketches and live performance. Emphasis is placed on understanding the roles of production and how to move from idea to finished product. Only Communications and Film Department majors and Electronic Media minors may take this course.

Prerequisite of BDST 12 or permission of instructor is required.

Credits: 3

Every Fall

BDST 11 Production Essentials: Audio

This course introduces the student to the basics of audio production. Students complete studio assignments in order to master the basics of audio production, including an introduction to principles of sound, audio formats, analog vs. digital recording, editing, use of various microphone types. Remote equipment use, studio production and production for the web will also be introduced.

Credits: 3

Every Semester

BDST 12 Production Essentials: Video

This course introduces the student to basic skills in

video and web production. Specifically, it includes the three camera switched live-to-tape shoot, three camera set up, blocking, microphones, soundboard operation, setting levels and creating a show rundown. It will also introduce single camera production, including shot composition, camera movement, preproduction, postproduction, storyboarding and scripting.

Credits: 3

Credits: 3

Every Semester

BDST 17 Writing for TV and Radio

In this course students will organize, outline and write scripts for commercial, documentary, news, promotional and entertainment content for radio, TV and web settings. Includes study of various professional format requirements. Emphasis is on the development of strong writing skills and story structure appropriate to each medium and content area.

Prerequisite of CMA 5 is required of all majors.

Credits: 3

Every Fall and Spring

BDST 25 Intermediate Television: Field Production

Students explore more advanced television field production techniques for news, documentary and narrative projects. Students learn how to produce interviews and dramatic short pieces with emphasis on pre-production, proper field production practices, post-production and critical analysis of finished work. Prepares student for upper level projects in field production.

Prerequisite of BDST 12 or permission of instructor is required.

Credits: 3

Every Fall and Spring

BDST 27 Applied Television

Students staff the television studio and participate in the operation and programming of PTV. Class meets together once per week, and completes programming on an hours-arranged basis. Hours and area of concentration are determined according to the student's interests and skill level, as well as the needs of the studio. Students work closely with faculty members in the day-to-day operation of the television studio and in programming for PTV, the campus television channel.

A prerequisite of BDST 6 or BDST 25 is required AND BDST 57

Credits: 3

Every Semester

BDST 28 Applied Television

Students work on advanced productions with professionals to create programs for prestigious venues such as WLIW. Class meets together once per week, and completes programming projects on an hours-arranged basis. Hours and areas of concentration are determined according to the production schedule and the students' expertise. Students work closely with faculty members to

produce high quality productions. Students must complete BDST 27 or secure permission from the instructor.

A pre-requisite of BDST 27 or permission of the instructor is required.

Credits: 3

Every Semester

BDST 34 Advanced Digital Audio Production

This advanced-level course is designed to provide students with exposure to complex digital audio editing techniques through the process of creating more sophisticated radio productions. Students develop imaging for various radio formats, affording the student the opportunity to improve audio production skills and develop a critical ear. Students will create sweepers, jingles, promos, underwriting announcements and more extended productions for air on university radio station WCWP.

Prerequisite of BDST 4 is required.

Credits: 3

Annually

BDST 35 Advanced Television Studio Production

Students will be introduced to more advanced level aspects of studio production, working in rotating production teams to produce a variety of in-studio programs. The roles of producer and director will be emphasized through script writing, program content and timing, working with talent, set design and lighting.

Prerequisite: BDST 6

Prerequisite of BDST 6 is required.

Credits: 3

On Occasion

BDST 37 Voice-Overs and Narration Workshop

An advanced course in voicing commercials, narrations and similar pieces for radio, television, film and other media. Students will develop their skills by reading professionally-written scripts, as well as writing and delivering their own pieces. Techniques of enunciation, expression, and motivation are included. Analysis of copy and performance will be conducted. Grading will be based on self-evaluation, peer and faculty critiques of recorded assignments.

Prerequisite of BDST 5 is required.

Credits: 3

On Occasion

BDST 40 Topics in broadcasting

This course is an advanced elective with topics chosen to reflect emerging areas of importance to Broadcasting and related new media. Topic changes each time to reflect new developments.

Credits: 3

On Occasion

BDST 44 Documentary Production Workshop

Students examine various documentary forms, then work individually or in teams to produce short documentaries. Emphasis is placed on finding an appropriate approach to the content of each

documentary. The functions of producer, director, and crew are experienced through research, planning, writing, shooting, and editing. Completed documentaries of high quality may be aired on the campus television station.

A pre requisite of BDST 12 or BDST 25 or instructor permission is required.

Credits: 3

Alternate Years

BDST 46 Web Video Production

Students develop skills required to merge video production and web design. Students will learn how to design, edit, export and display video for the web. 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 to view the new video. Students will master the skills needed to create a website and produce video content especially for the web.

Prerequisite of BDST 12 or permission of instructor is required.

Credits: 3

Annually

BDST 52 Interviewing skills for Media

This course is practical training in interview techniques, including the one-on-one interview, the news interview, panels, and telephone-based interviews. Conducting interviews via e-mail or other text-based modes may also be considered. Students record video or audio of all interviews in order to assess their performance, and gain instructor feedback and peer critiques. Cross-listed as JOUR 52.

Prerequisite of BDST 5 is required.

Credits: 3

Every Fall

BDST 54 Producing The Television Newscast

This is a hands-on television news production course where advanced students in journalism and broadcasting collaborate to create news programs for television. The class is taught in conjunction with JOU 56. Both classes must be taken together. 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.

Prerequisite of BDST 25 or a Journalism major is required. Co-requisite of JOU 56 is also required.

Credits: 3

Every Spring

BDST 56 Scriptwriter's Workshop

An advanced course in scriptwriting for video formats, including entertainment, documentary, commercial and investigative reports. Understanding of visual and technical elements and the development of a substantial body of narrative work is stressed. Development of high level writing skills is expected. Students critique one another's work in a workshop setting.

Prerequisites of CMA 5, BDST 6 are required.

Credits: 3

On Occasion

BDST 57 Advanced Digital Editing

This course provides an intensive look at the aesthetics and techniques of digital video editing for diverse content. The students will explore the language of video editing, combining shots to create narratives, working with music and voice, and basic news editing. Special effects and graphics are taught as ways to enhance good editing.

Prerequisite of BDST 12 or permission of instructor is required.

Credits: 3

Every Semester

BDST 63 Applied Radio: Newsroom

This course is a practicum for students with radio experience who wish to refine their skills in news writing and anchoring for a news broadcast. Students produce news programming for WCWP-Web radio. Advanced work is broadcast on the University radio Station, WCWP-FM. Cross-listed with JOU 63.

Credits: 3

Every Semester

BDST 64 Applied Radio: Newsroom

This course is a practicum for students with radio experience who wish to continue to refine their skills in news writing and anchoring for a news broadcast. Students produce news programming for University radio station WCWP, both web and FM.

Credits: 3

Every Semester

BDST 65 Applied Radio: On-Air

This course is a practicum for students with previous radio experience who wish to refine their skills and apply them in a real radio station environment, producing recorded audio content for broadcast. This course focuses on utilizing studio equipment in a creative fashion to produce professional quality audio. This may include music, sports or talk shows, or engineering of live programming that will air on the University radio services.

Prerequisite of BDST 4 or JOU 5 is required.

Credits: 3

Every Semester

BDST 66 Applied Radio: On air

This course is a practicum for students who wish to refine their skills and apply them in a real radio station environment, producing recorded audio content for broadcast. This course focuses on using studio equipment in a creative fashion to produce professional quality radio. This may include music, sports or talk shows, or engineering for a live program that will air on the University's radio services.

Prerequisite of BDST 4 or JOU 5 is required.

Credits: 3

Every Semester

BDST 67 Applied Public Relations: Dept. Media

This course is a practicum for students who wish to gain experience using their writing and publicity skills for promotion of WCWP-Web Radio, WCWP-FM, PTV, the Pioneer and media-related sports events.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

BDST 68 Applied Public Relations: Department Media

This course is a practicum for students who wish to gain experience using their writing and publicity skills for promotion of WCWP-Web Radio, WCWP-FM, PTV and the Pioneer.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

BDST 87 Internship

This course is an opportunity for the junior or senior-status student to supplement classroom instruction with on-the-job experience in a professional setting. Internships are geared to the individual student's interests and abilities. Students work 120 hours per semester, to be agreed upon by the student and on-site supervisor. Regular meetings with a faculty mentor during the semester and a final paper 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 88 Internship

This course is an opportunity for the student with junior or senior status to supplement classroom instruction with on-the-job experience in a professional setting. Internships are geared to the individual student's interests and abilities. Students work 120 hours per semester, to be agreed upon by the student and employer. Regular meetings with a faculty mentor during the semester and a final paper are required.

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 independent study is an individual, faculty-guided exploration of a media-related topic chosen by the student in consultation with the faculty mentor. The student meets regularly 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 Research in Broadcasting

Senior Research consists of the development of a substantial annotated research bibliography on a topic appropriate to the student's planned Senior Project, prepared with the guidance of a faculty mentor. The student must submit a detailed outline, rough draft and final copy of the bibliography to the mentor. As part of BDST 91, the student will also prepare other planning documents such as a script, location research, interview schedule and other preparations deemed appropriate by the faculty mentor. Senior Research serves as the foundation for the student's senior project. Regular meetings with the faculty mentor are required. Students must earn a B- or better in this work in order to take BDST 92.

Seniors only.

Credits: 3

Every Semester

BDST 92 Senior Project & Portfolio in Broadcasting

This is an opportunity for the advanced student to apply knowledge of the broadcast media field to develop an audio, video or multimedia production or a script, or to write a sophisticated research paper. Students work independently with supervision from a faculty mentor. The senior project is based on the research and other preparation conducted in BDST 91. BDST 92 also requires a cumulative portfolio of the student's work as a Broadcasting Major. BDST 91 and BDST 92 may not be taken in the same semester. Students must achieve a grade of B- or better in order to receive credit for this class.

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. A cumulative portfolio of work is required of Honors students in Broadcasting.

Honors students only.

Credits: 4

On Demand

Film Courses

CIN 1 The Art of the Film/1900-1930

This course studies the silent film and the birth and

development of film as an art form in the United States, Germany, Russia, and France.

Credits: 3

Every Fall

CIN 2 The Art of the Film/1931 to Present

In this course students study the sound film: the international development of creative motion pictures from the advent of sound through Neorealism, the New Wave, and the work of major new directors.

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.

Prerequisite of CIN 1 or 2 or 11 is required.

Credits: 3

Every Spring

CIN 4 Major Figures in the Cinema

The personal styles and influences of major directors are covered in this course. Subject changes each semester. May be taken for a maximum of three semesters.

Prerequisite of CIN 1 or 2 or 11 is required.

Credits: 3

Every Spring

CIN 5 The Art of the Documentary Film

This course is an analysis of the major contributors to the film documentary from the Lumière and Edison one-shot films through the contemporary documentary.

Prerequisite of CIN 1 or 2 or 11 or permission of department is required.

Credits: 3

Every Spring

CIN 6 Basic Motion Picture Production

The introductory concepts of visual storytelling are taught with black-and-white 16mm film/HD production techniques.

Co-requisite of CIN 12 is required.

Credits: 3

Every Fall

CIN 7 Intermediate Motion Picture Production

Introduction to synch sound filmmaking; introduction to working in small crews; development of storytelling skills.

Prerequisite of Cin 6 is required.

Credits: 3

Every Spring

CIN 8 Advanced Motion Picture Production

This course introduces HD filmmaking and develops further exploration into the techniques of filmmaking and application of professional practice.

Prerequisites of CIN 6 and 7 are required.

Credits: 3

Every Spring

CIN 9 Screenwriting I

This course includes an intensive program of screenwriting techniques, focusing on writing a short form screenplay.

Prerequisites of ENG 1, 2, or permission of instructor are required.

Credits: 3

Annually

CIN 10 Screenwriting II

This course includes an intensive program of screenwriting techniques, focusing on the development of a feature length screenplay.

Prerequisite of ENG 1, 2, CIN 9, or permission of instructor are required.

Credits: 3

Annually

CIN 11 History of World Cinema

A concise history of film from its origins in the 1890s to the present is covered. Silent and sound films from around the world are screened and discussed each week. For non-majors only fine arts core requirement.

Credits: 3

Every Semester

CIN 12 Basic Editing and Sound

This course is designed to give students basic skills in digital picture and sound editing, sound recording, and sound mixing.

Co-requisite of CIN 6 is required.

Credits: 3

Every Fall

CIN 13 Intermediate Editing & Sound

This course is designed to give students intermediate skills in digital picture and sound editing, sound recording, and sound mixing.

Prerequisite of CIN 12 is required.

Credits: 3

Every Spring

CIN 13A Advanced Motion Picture Editing

An advanced understanding of the practice of motion picture editing using digital tools.

Prerequisite of Film major is required.

Credits: 3

Every Fall

CIN 14 Cinema and the Arts

This course is a series of films, discussions and forums presented by film professionals working in the contemporary scene.

May be repeated for a maximum of three semesters.

Credits: 3

On Occasion

CIN 15 Cinematography

This course is an intensive study of the motion picture camera and lighting technology.

Prerequisites of CIN 6 and 7 are required.

Credits: 3

Every Fall

CIN 16 Advanced Cinematography

This course covers advanced camera, lighting and field production, theory and technique. A series of location and studio set scenes demonstrate techniques used to create and control the "look" of moving images. Related issues from camera and set preparation to post production considerations are covered.

Prerequisite of CIN 15 is required.

Credits: 3

On Occasion

CIN 17 Advanced Screenwriting

This course is an advanced workshop for Film Majors devoted to writing and developing the original full-length screenplay.

Prerequisites of CIN 9 and 10 are required.

Credits: 3

On Occasion

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

Credits: 3

On Occasion

CIN 23 Video Documentary Workshop

Students learn the basics of producing a short documentary film, including research, interviewing, budgeting, shooting styles and organizing footage for editing.

Credits: 3

On Occasion

CIN 24 Video Documentary Workshop II

Students learn the basics of producing a short documentary film, including research, interviewing, budgeting, shooting styles and organizing footage for editing.

Credits: 3

Annually

CIN 25 Animation and Computer Graphics Workshop

This is a basic course in animation and computer graphics techniques.

Credits: 3

Annually

CIN 26 Intermediate Animation and Computer Graphics Workshop

This course is a continuation of CIN 25.

Prerequisite of CIN 25 is required.

Credits: 3

Annually

CIN 27 Advanced Animation and Computer Graphics Workshop

This course is a continuation of CIN 26.

Prerequisite of CIN 26 is required.

Credits: 3

Annually

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.

Prerequisite of CIN 1 or 2 is required.

Credits: 3

Every Fall

CIN 29 Film Theory

This course is continuation of CIN 28.

Prerequisites of CIN 1 and 2 are required.

Credits: 3

Every Spring

CIN 35 Production Laboratory

This course is an intensive practicum in motion picture production that covers advanced cinematography, advanced sound, research, budgeting, production and postproduction practices.

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 course is an intensive practicum in motion picture production that covers advanced cinematography, advanced sound, research, budgeting, production and postproduction practices.

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 course is an intensive production experience that culminates in a group-made professional film, including basic distribution planning, and possible film festival screenings.

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 Lab Practicum

This course is an intensive production experience that culminates in a group-made professional film, including basic distribution planning, and possible film festival screenings.

Prerequisites of CIN 6, 7, 12, 13 and co-requisite of CIN 36 are required.

Credits: 3

Every Spring

CIN 44 Film Concepts: Directing

This course will allow the student director 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 88 Film Thesis

Students work with a professor to create an original work that showcases his or her main areas of interest in film. Students must register for two consecutive semesters.

Credits: 4

Every Semester

CIN 89 Advanced Individual Study in Cinema

Individual faculty-guided projects in cinema are appropriate when existing courses in the student's area of interest have been completed. 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.

Credits: 1 to 4

Every Semester

CIN 99 Film Internship

This is an opportunity for the student to work in a professional venue and to be directly and meaningfully in day-to-day operations with an emphasis in an area of special interest.

Credits: 3

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

Every Fall

CIN 304 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

Every Spring

CIN 389 Honors Thesis

The second semester of the two-semester Honors thesis project.

Must be in Honors College

Credits: 4

Every Semester

CIN 390 Honors Thesis

The second semester of the two-semester Honors thesis project.

Must be in Honors College

Credits: 4

Every Semester

Media Arts Courses

CMA 2 Mass Media in American Society

This course will introduce the student to ways of thinking critically about media and gaining a historical perspective on the media that surround us. It will stress ways of understanding the relationships among media, society and the individual through the 20th century and to the present. This class will examine a number of examples drawn from various media and time periods, focusing on how our society has adapted media from radio to Twitter to its needs and desires, and how Media have changed our society in major ways.

Credits: 3

Every Semester

CMA 4 Media Literacy: Behind the Message

Becoming media literate means developing an understanding of how diverse media formulate, deliver and finance their messages. This course gives the student the critical and analytical skills needed to interpret media messages and understand their effects on audiences. It also serves an introduction to the concepts and terms involved in analysis of media messages as a foundation for further study in this field. The student will use modern media theories and see illustrations of their application in current media coverage, with special attention to the impact of new social media.

Credits: 3

Every Semester

CMA 5 Writing in the Digital Age

This class will introduce the student to the various writing styles and formats practiced in the media

professions and will cover the basic writing formats in journalism, public relations, advertising and broadcasting. The course will also work on improving writing by reviewing essential grammar rules, AP style rules, and the writing process used by all good media writers. Our focus will be on developing clear messages, analyzing your own writing as well as other writing, and learning how to proofread and edit copy. Students will produce examples of various written communication forms practiced in the field, from journalistic articles, to press releases, ad copy, and radio & television scripts for inclusion in a portfolio.

Credits: 3

Every Semester

CMA 7 Media Relations

This course is a study of strategies used by organizations to capture media attention whether it is a print reporter or a blogger. Topics include news releases, photographic feeds, news conferences, interviews, media tours and special events for both legacy and digital media. Local and global aspects are included as well as metrics for measurement. Same as PR 7.

Credits: 3

On Occasion

CMA 9 Introduction to the Media Arts

In this 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.

Prerequisite of Non-Majors only is required.

Credits: 3

Every Semester

CMA 10 Media Law and Ethics

This course examines the legal and ethical responsibilities of media professionals in broadcasting, journalism, public relations, and other fields. Students are introduced to the legal framework that supports freedom of speech and freedom of the press and examine the current laws of libel, invasion of privacy, copyright and newsgathering, as well as FCC and other telecommunications regulations. Students also examine ethical codes that guide media professionals and study conflicts that arise when legal and ethical principles conflict with real-world dilemmas. Recommended to be taken in sophomore year for all Department of Communications and Film majors.

Credits: 3

Every Semester

CMA 30 Sports Media Foundations

This course is designed to give the student a general

understanding of the history of sports and the parallel development of sports media. Students will study the structure of professional sports teams, individual sports, college and high school sports and the international sports system. Labor relations, collective bargaining agreements and individual sports contracts will be investigated. Attention to the changing landscape of sports media in the information age will be emphasized.

Credits: 3

On Occasion

CMA 40 Topics in Media Arts

This advanced course focuses on a topic of current interest in the communications field, changing each semester as new issues arise.

Credits: 3

On Occasion

CMA 303 Introduction to Media Culture

Introduces the student to ways of thinking systematically and critically about our mass-mediated culture and how it continues to evolve in the digital age. Critical and theoretical approaches to popular media are applied to a variety of media genres drawn from radio, television, print media and current web-based media. Special attention will be given to social media and digital game paradigms. The aesthetic merits and social influence of media forms are considered. Students conduct several 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

Every Fall

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. Recommended to be taken during freshman or sophomore year.

Credits: 3

Every Fall

JOU 4 Beat Reporting

The beat reporting class is for students who have taken basic news writing and reporting (JOU 3) and are ready to expand into a more in depth class about the process of reporting and writing the news, including the beat system of reporting. The class is designed to hone student journalists' ability to research and report deeply, to be able to develop

fresh ideas, test them with the strength of his or her reporting and research and then present them in story form. Students cover beats for news organizations.

Prerequisite of JOU 3 is required.

Credits: 3

Every Spring

JOU 5 Writing for Electronic Journalism

This course focuses on newswriting, reporting and editing practices for radio, television and online media. Students will gain experience in radio newscasts, podcasting, video and audio slideshows, and using social media for reporting.

Credits: 3

Rotating Basis

JOU 6 Culture Reporting and Review Writing

In this course, students will learn how to interview celebrities without becoming starstruck, how to write a professional-quality review of TV, music, film, theater, dance and other arts events, recognize how important popular culture has become in understanding politics, finance, religion and many other aspects of our lives, recognize the increasing role that fashion is playing in our society and how journalists can capitalize on it, and more. Open to students of all majors.

Credits: 3

Every Fall

JOU 8 Copy Editing and Layout

This course introduces the techniques of editing copy for online and print. Topics include standards of good writing, Associated Press style, headline and caption writing, and use of appropriate software for layout and page design.

Prerequisite of JOU 3 is required.

Credits: 3

On Occasion

JOU 12 Investigative Journalism

This course introduces students to the special techniques of journalism that seek information beyond immediately available news sources. Topics include: reporting ethics, developing tips, special interviewing problems, the nature of public information and the use of Freedom of Information and open meetings laws.

Prerequisites of JOU 3 & 4 are required.

Credits: 3

On Occasion

JOU 20 Visual Journalism

In this course, students learn how to communicate using visual tools such as photography, video and design. Visual journalism is about crafting compelling visual narratives. This class will analyze professional work to discover what has held public attention in the past as well as successful contemporary images presented in the media.

Credits: 3

Every Spring

JOU 40 Topics in Journalism

Advanced special topics in journalism, chosen on occasion, focusing on contemporary developments in the field. Subjects vary by semester.

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 LIU Post student newspaper. Students are required to attend weekly staff meetings, and meet regularly with the editors and faculty adviser. Course stresses newsgathering, writing and rewriting. Work is reviewed by multiple editors. Students submit a portfolio of published work to successfully complete the course. Course is open to students of all majors who would like to work on the newspaper staff as reporters, sportswriters, critics, photographers, editors, layout staff, or in other capacities. Course may be taken multiple times for credit.

Credits: 3

Every Semester

JOU 54 Sports Reporting

This course covers the special skills of reporting and writing about athletic events, athletes and the sports business. Topics include: special problems and strategies of the sports reporter, the use of opinion and fact in sports writing, techniques of sports writing, and basics of sports photography. Print journalism, magazines, television, radio, sports blogs and other online sports reporting are considered.

Prerequisites of JOU 3 & 4 are required.

Credits: 3

On Occasion

JOU 55 Business Reporting

This course acquaints students with the techniques of reporting and writing about business, finance and consumer behavior. Topics include personal finances, consumer activities, investment activities and related political, technical and social developments.

Prerequisites of JOU 3 & 4 are required.

Credits: 3

On Occasion

JOU 56 Producing The TV Newscast

This is a hands-on television news production course where advanced students in journalism and broadcasting collaborate to create news programs for television. The class is taught in conjunction with BDST 54. Both classes must be taken together. 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.

Co-requisite of BDST 54 is required.

Credits: 3

Every Spring

JOU 87 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. Open to sophomores, juniors and seniors. Students must have a B average in order to be eligible for an internship.

Prerequisite of Junior or Senior in good standing, program director's approval are required.

Credits: 3

Every Semester

JOU 88 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. Open to sophomores, juniors and seniors. Students must have a B average in order to be eligible for an internship.

Prerequisite of Junior or Senior in good standing, program director's approval are required.

Credits: 3

Every Semester

JOU 89 Advanced Independent Study

This course is a faculty-guided, independent research and/or writing project arranged with the instructor. Student must meet regularly with the instructor. Independent study may be chosen only when the student has a strong interest in a subject area that is not covered in another course.

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

Credits: 1 to 3

Every Semester

JOU 91 Senior Research

In this course, seniors carry out research in preparation for a major investigative journalistic piece, research paper, essay in media analysis and criticism or a journalistic media project. Independent work is guided in regular meetings with a faculty mentor. An annotated bibliography and an outline must be produced by the end of the semester. This course is followed by JOU 92 in the following semester.

Senior status required.

Credits: 3

Every Semester

JOU 92 Senior Thesis & Portfolio

After successful completion of JOU 91, the student writes a substantial investigative journalistic piece or research paper, or creates a media-based journalistic project, that is based on the research conducted in JOU 91 and serves to advance the student's interest and skills. Independent work is guided through

regular conferences with a faculty mentor. JOU 91 and 92 should be taken in the senior year and may not be taken in the same semester. At the end of JOU 92, the student submits the completed project as well as a portfolio that features a current resume and samples of professional work and relevant course materials.

Senior status required.

Credits: 4

Every Semester

Oral Communication Courses

ORC 1 Public Speaking

This course builds student confidence and skills in speaking in various communication 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 for critical analysis.

Credits: 3

Every Semester

ORC 2 Sounds and Articulation

This course introduces the skills of using correct English sound structure in speaking and reading. This course is designed to provide individualized training for the improvement of voice control. This course does not provide therapy for students with severe speech disorders or for students with need for ESL instruction. No longer offered.

Credits: 3

On Occasion

ORC 17 Speech Communication in Organizations

The principles of effective speech communication in business, professional, governmental and community organizations are examined and practiced. The emphasis is on the public address, the use of digital media tools, as well as traditional visual aids, the informative report, group and sales presentations. Conducting and participating in an open meeting are included.

Credits: 3

Every Semester

Public Relations Courses

PR 1 Introduction to Public Relations

This survey of the public relations field includes basic public relations principles as well as definitions, management models and procedures that are standard for the profession. The broad range of career paths and the functions of PR professionals within organizations, nonprofit or corporate, governmental agencies, associations and the agencies that serve them are covered. Starting with the history of public relations in the United States, the course includes the historical figures and their impacts, legal aspects, audience identification and strategies, as well as how communication is integrated in business through planning, research

techniques.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

Every Semester

PR 2 Writing and Editing for Public Relations

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 press kit materials.

Co-requisite of PR 1 is required.

Credits: 3

Every Semester

PR 7 Media Relations

This course is a study of strategies used by organizations to capture media attention whether it is a print reporter or a blogger. Topics include news releases, photographic feeds, news conferences, interviews, media tours and special events for both legacy and digital media. Local and global aspects are included as well as metrics for measurement. Same as CMA 7.

Prerequisite of PR 1 is required.

Credits: 3

On Occasion

PR 11 Corporate Social Responsibility (CSR) & Community Relations

This course spans the preparation and management of public relations initiatives in the community through the nonprofit and corporate sectors. The various constituent community groups are examined and sometimes guests are invited to the class for specific discussions. Development of regional, national and global events and campaigns for corporate and nonprofit partnerships as part of corporate social responsibility or CSR programs also are covered.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 12 Publicity and the Personality

Techniques and strategies used to gain public support for the individual, such as a company president or media personality. How spokespersons are selected and used to project policy is examined along with the use of techniques, such as interview and speech opportunities, and gossip column reports.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 13 Marketing Promotion

This course covers persuasive communication and promotion in marketing, along with the assessment, formulation and allocation of priorities in the promotional campaign. (Same as MKT 35)

Prerequisite of PR 2 and MKT 11 are required.

Credits: 3

On Occasion

PR 14 Creating Special Events

Students learn to plan and execute events. This course focuses on sports events, fashion shows, entertainment premieres, anniversary celebrations and fundraisers as they are used in communications programs for product or service launches and awareness campaigns. It also covers important internal programs like awards, employee recognitions, health fairs, and company tours. The history of stunt publicity and its relevance in today's campaigns will be integrated. Some community tie-ins will be explored as well.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 15 Political Public Relations

This course explores the research, planning and preparation of communications efforts on behalf of political candidates and elected officials. Analysis and creation of speeches, special events, advertising, social media, data mining, and publicity are covered in the context of various media as well as in face-to-face situations.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 19 Public Relations in the Marketing Mix

This course provides an understanding of integrating the strategies and tools used by professionals in marketing a product or idea, increasing sales, changing an organization's reputation or positioning an organization. Students are part of a public relations team and learn how to prepare a market-oriented communications plan.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 20 Case Studies in Public Relations

This course uses cases as examples of the problems or opportunities that are presented to professionals. By analyzing them, students learn how best practices create effective communication programs from initial research, development of objectives, creation of targeted programs and evaluation initiatives. Students work on teams on culminating projects which require research, situational analysis, appropriate audience(s) identification, and appropriate tactic/program recommendations with their rationales as solutions. Throughout the course, students reinforce their business writing, analysis, and creative problem-solving skills.

Prerequisite of PR 2 is required.

Credits: 3

Every Semester

PR 22 Digital Public Relations

This course acquaints the student with new tools and techniques of this rapidly evolving field from a production and technology point of view. It integrates writing with digital images, electronic media production and presentation, and graphic arts technologies. It focuses on public relations, social media, infographics and advertising production technologies.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 23 Sports Public Relations

Sports is a major business today. This course looks at the role of publicity and public relations as it is practiced by professional teams, leagues, and venues for games, audience development, community relations, and media visibility. Class work is supplemented by on-site visits and visitors.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 25 The Business of Public Relations

Introducing the business side of public relations, this course covers the agency (consultant), in-house department (corporate, nonprofit or association) and entrepreneurial perspectives. In addition to business basics, practical knowledge of budgeting, billing, timesheets, research techniques, client/new business presentations, tracking methods and client relations are explored. Students also will develop writing and thinking skills essential to securing new business through a proposal preparation.

Prerequisite of PR 2 or permission of the program director is required.

Credits: 3

Every Semester

PR 29 Propaganda and Persuasion

An overview of the theories and history of propaganda and persuasion are explored in this course to prepare the student to recognize public relations uses of rhetoric and propaganda in today's messages and communication. Negative and positive aspects are analyzed.

Prerequisite of PR 2 or permission of the program director is required.

Credits: 3

Annually

PR 30 Using Business Software in Public Relations/Advertising

In addition to a hands-on introduction to the various software programs used by communications professionals, this course introduces practical computer skills and applies word processing, database and spreadsheet operations to a communications program developed by the student. The focus is on advertising buys, editorial pitches, media research and list development that takes advantage of word processing formats, merge

mailing capability, master calendar reports, and budget response tracking that culminates in a computer-based media detailed plan and program summary.

Co-Requisite of PR 1 and 2 are required.

Credits: 3

Every Semester

PR 35 Communication Design for Public Relations

Students are introduced to a typography and graphics program to produce and publish a newsletter. Practical knowledge is combined with an exploration of design, typographical principles and message effectiveness. The evaluation and assessment of the visual impact of the output is stressed as part of the creative learning experience. Students research articles, conduct interviews, collect photographs, write and design a multi-page newsletter.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 36 Digital Marketing Tools

Through the study and practice of real online scenarios, students learn how online businesses apply strategic online tactics to increase revenue, drive traffic and provide prospective consumers with a service or information. This course provides an understanding of the internet and online business, as well as a wide variety of internet operations, such as search engine optimization, search engine marketing, email marketing, customer relationship management, promotions, viral marketing, networking and other innovative strategies.

For PR majors, a co-requisite of PR2 or for FM majors, FM30 is a prerequisite.

Credits: 3

Every Semester

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 Semester

PR 42 Applied Public Relations

Applied public relations prepares the student for real work assignments through participation in

project or research opportunities, which may include external assignments or internal experience through LIU Post's chapter of the Public Relations Student Society of America (PRSSA) initiatives like Business Etiquette Workshops, Open Lunches, Public Relations Explorations Forum, officer roles and more.

Co-requisite: PR2 AND permission of the program director are required.

Credits: 3

Every Semester

PR 43 Applied Public Relations

Applied public relations prepares the student for real work assignments through participation in project or research opportunities, which may include external assignments or internal experience through LIU Post's chapter of the Public Relations Student Society of America (PRSSA) initiatives like Business Etiquette Workshops, Open Lunches, Public Relations Explorations Forum, officer roles and more.

Prerequisites: PR42 and permission of the program director is required.

Credits: 3

Every Semester

PR 44 Applied Public Relations

Applied public relations prepares the student for real work assignments through participation in project or research opportunities, which may include external assignments or internal experience through LIU Post's chapter of the Public Relations Student Society of America (PRSSA) initiatives like Business Etiquette Workshops, Open Lunches, Public Relations Explorations Forum, officer roles and more.

Prerequisites: PR43 and permission of program director is required.

Credits: 3

Every Semester

PR 45 Writing for Corporate Communications

The student is introduced to the full spectrum of writing tasks as a business professional in corporate communications. The writing of important communications, such as memos, letters, speeches, bios, position papers, newsletters, and email blasts are the focus of assignments. Annual reports, direct mail, product descriptions, brochures and proposals are explored.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 53 Introduction to Advertising

This introductory course surveys the field of advertising from its historical development and importance. Multiple media platforms from billboards to digital strategies are explored for understanding the needs of institutional, product, political, public service and corporate advertising implementation. The role of the agency or in-house department and decision alternatives for cost-effective, yet results-oriented advertising also are

covered. Research techniques, artistic considerations, as well as ethical and legal implications are explored.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 54 Advertising Copywriting

This course introduces the writing and creative perspectives required for advertising programs across various media including online and legacy. Components of audience and messages appropriate for the medium are explored for cost-effective yet results-oriented implementation of institutional, product, political, public service and corporate advertising. Headline, text copy, dynamic visual concepts for various media platforms as well as effective storyboarding and spot production are covered.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 55 Advertising Campaigns

An overview of advertising, this course then examines advertising strategies in the formulation of campaigns from how markets are segmented and types of media available with a focus on campaign themes and divergent material. This class will develop sensitivity to visual and written materials through an analysis and attention to the formulation of ideas, putting ideas to paper and completing campaign analysis.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 56 Branding: Integrating Communication

Students explore how brands create a name for themselves in a marketplace that is national or global to stand out from the competition. At the same time, students look at how little brands became big ones and how they stay big, whether they are Disney, Starbucks, Coke, Oprah, Martha, J-LO, or even The Donald. This course looks at what defines a brand, implementation strategies, differentiation between brands, media adopted and measurements of effectiveness.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 62 Arts & Entertainment Promotion

Students will learn the methods and tools of publicists, press agents and public relations practitioners for the arts, cultural and entertainment organizations, as well as theories of promotion using social media, traditional publicity, special events and programming development to increase audience awareness, participation, and funding.

Open to PR and ARM students, with a co-requisite of PR 2 required for PR majors. Open to declared Music Entrepreneurship & Jazz Studies Minors with pre-requisites of PR1 and CMA5.

Credits: 3

On Occasion

PR 65 Introduction to Crisis Communication

This course is an introductory study of responses to crisis situations through best practices and examples. What is a crisis and the role of communication is examined. How to prepare a plan, assemble a team, designate an information spokesperson, and address the publics affected by the crisis also are covered, while role playing and simulated crisis exercises expand the experience for students. Also included is how to unify messages, evaluate public perceptions and assess results.

Prerequisite of PR 2 is required.

Credits: 3

On Occasion

PR 67 Applied Public Relations: Department Media

This course is a practicum for students who wish to gain experience in using their writing and publicity skills for promotion of WCWP-Web radio, WCWP.FM, PTV, the Pioneer, and the PRSSA's Open Lunches, and Public Relations Explorations Forum

Prerequisite of PR 2 or permission of the program director is required.

Credits: 3

On Demand

PR 70 Research and Evaluation in Public Relations

Research and evaluation are critical to the public relations process. Using quantitative and qualitative methodologies, students evaluate the courses of action available, develop surveys for opinion research and analyze performance to determine how a program of action should be developed, what audiences should be targeted, appropriate message development, and ultimately if a program has met desired goals. The integration of research throughout the public relations planning process is stressed.

Prerequisite of PR 2 is required.

Credits: 3

Every Semester

PR 87 Internship I

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.

Credits: 3

Every Semester

PR 88 Internship II

This is a second internship, which shares the same information, preparation and procedures as Internship I. It allows students to explore different experiential opportunities.

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

Credits: 3

Every Semester

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.

Pre requisites 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 are challenged throughout the semester to demonstrate their thought leadership and how communication relates and contributes to organizational achievements. This knowledge will be quizzed periodically during the course in preparation for a comprehensive culminating examination given in two parts. Additionally, during the semester, students will compile content for a digital portfolio of their course and experiential work.

Prerequisites: Senior status in Public Relations, PR 20, PR 25, PR70 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

Every Semester

PR 92 Capstone II Project, Portfolio & Seminar

For this capstone course, students will develop a communications plan and rationale based on target audiences identified for the case provided. This plan solves a public relations problem or need, such as to increase awareness, support internal audiences or clients or develop new audiences, restore or extend brand credibility, or convert audiences to their brands. Students also finalize their e-portfolios, prepare work guided by their mentor, and attend periodic seminars. After submission of their culminating plan, students present their work, rationales and ideas in an oral presentation to a panel of faculty and professionals.

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

Every Semester

SCHOOL OF PERFORMING ARTS

The School of Performing Arts enjoys a long and rich tradition of innovative professional training for dancers, choreographers, instrumentalists, vocalists, composers, actors, directors, theater designers, play writers, script writers, teachers, arts managers and other performing artists. We believe in giving all students the opportunity to perform in major productions throughout their academic career. Our dynamic, award-winning faculty of practicing professionals are dedicated to serving our students as mentors inside and outside the classroom and to providing links for students to career opportunities in their fields.

DEPARTMENT OF MUSIC

Phone: 516-299-2474

Fax: 516-299-2884

Website: www.liu.edu/post/music

Chair: Jennifer Scott Miceli, Director of Music Education and Vocal Jazz

Professors: Chinn, McRoy, Miceli, Watt

Associate Professor: Shapiro

Adjunct Faculty: 44

The Department of Music provides a dynamic, intensive and supportive environment that nurtures students' talents as performers, music educators or scholars. 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, master classes and concerts both on campus and at major concert halls in New York City and abroad. Performance majors enjoy vibrant careers as composers, performers in Broadway shows, members of major orchestras and opera companies, and as music scholars and researchers.

Undergraduate degree programs include the B.S. in Music, the B.M. in Instrumental Performance, and the B.M. in Vocal Performance. In conjunction with the College of Education, Information and Technology, the department offers the B.M. in Music Education (Birth to grade 12).

The department also offers minors in Music, Music Entrepreneurship, and Jazz Studies - Vocal or Instrumental.

Music

The growing understanding of music theory and literature must be accompanied by increasing

skill in some performing medium. Membership in a major performing organization (Chorus, Orchestra, and Wind Symphony) is required for all Music majors throughout their tenure at LIU Post. In addition, all instrumental music education majors are required to sing in the chorus for one year. Ensembles are offered for zero 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 master classes. 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.

At the end of the sophomore year all music majors are given a Music Theory Comprehensive Examination and a Music History Comprehensive Examination. The purpose of these examinations is to determine weaknesses in the student's knowledge that can be remedied during the junior or senior years. Deficiencies detected at this time may require a student to take the Music Review (MUS 100).

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 MUS courses, all music majors must maintain a grade point average of 2.50 in their major (MUS courses for the B.M. and B.S. in Music; MUS, EDI and EDS courses for the B.M. in Music Education) and a grade point average of 2.0 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 the pre-professional programs in music 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. Students who have unexcused tardiness or absences from scheduled meetings, rehearsals and performances may be subject to a monetary penalty. These fines range from \$25-\$100. Failure to pay these fines may result in an academic block, delay of graduation, and/or subject the student to dismissal from the pre-professional program.

B.S. in 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 master classes conducted by high-profile musical artists from across the country and around the world.

Music majors also perform on national and international tours organized and led by their professors. You also will have the opportunity to participate in one or more of LIU Post's many ensembles, including groups that specialize in contemporary, traditional, and early music styles.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

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 in the LIU Post Fine Arts Center. You can register to audition by completing the online Audition Registration Form on the website at www.liu.edu/post/music. To

register by 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 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.
- Sight-reading.
- *Percussionists*: audition repertoire should include: (1) advanced snare drum solo; (2) two-mallet keyboard piece (marimba, xylophone, or vibraphone); (3) two-drum timpani piece.

For 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 a blues. Please be prepared to play 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 eclectic 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 notated 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. in Music

[Program Code: 07019]

Core Curriculum Requirements

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

Post Foundations	1 credit
First-Year Composition	6 credits
Mathematics	3 credits
Social Sciences	12 credits
Sciences	8 credits
Fine Arts	3 credits (excluding all MUS courses)
Language/Literature	6 credits
Philosophy	3 credits
History	3 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: (18 credits)

MUS 106A	Basic Keyboard I	1.00
MUS 106B	Basic Keyboard II	1.00
MUS 107A	Music Theory/Keyboard Harmony I	2.00
MUS 107B	Music Theory/Keyboard Harmony II	2.00
MUS 107C	Music Theory/Keyboard Harmony III	2.00
MUS 107D	Music Theory/Keyboard Harmony IV	2.00
MUS 108A	Aural Skills I	2.00
MUS 108B	Aural Skills II	2.00
MUS 108C	Aural Skills III	2.00
MUS 108D	Aural Skills IV	2.00

Required Music History/Literature Courses: (12 credits)

MUS 21	Music in Western Civilization I	3.00
MUS 22	Music in Western Civilization II	3.00
MUS 23	Music in Western Civilization III	3.00

MUS 46	Introduction to World Music	3.00
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Required Applied Music Courses: (4 credits)

MUS 20	Conducting I	2.00
MUS 40	Instrumental Conducting	2.00
40A	(Or) Choral Conducting	

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

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Required Music Major Credits: 50
 Required Music Elective Credits: 5
 Liberal Arts Elective Credits: 20
 Minimum Overall GPA: 2.00
 Minimum Major GPA: 2.00

B.M. in Instrumental Performance

The Bachelor of Music degree in Instrumental Performance offers students a full range of resources to develop their talent and prepare for a career in music. Each student showcases his or her talents at a half recital in the junior year and full recital in the senior year.

As a student in this program, you will work with faculty members who are active musicians with flourishing professional careers and extensive networking connections in the music world. In addition, you will have access to workshops and master classes conducted by high-profile musical

artists from New York City and around the world. Music majors also perform on national and international tours organized and led by their professors. You also will have the opportunity to participate in one or more of LIU Post’s many ensembles, including groups that specialize in contemporary, traditional, and early music styles.

Within the Instrumental Performance concentration, there are seven areas of specialization:

- Brass Studies
- Guitar Studies
- Jazz Studies
- Percussion Studies
- Piano Studies
- String Studies
- Woodwind Studies

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

For admission to the Bachelor of Music 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 in the LIU Post Fine Arts Center. You can register to audition by completing the online Audition Registration Form on the website at www.liu.edu/post/music. To register by 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 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.
- Sight-reading.
- *Percussionists*: audition repertoire should include: (1) advanced snare drum solo; (2) two-mallet keyboard piece (marimba, xylophone, or vibraphone); (3) two-drum timpani piece.

For 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 a blues. Please be prepared to play 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 eclectic 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.

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.M. in Instrumental Performance

[Program Code: 27701]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.M. in Instrumental Performance must satisfy all core curriculum requirements as follows:

Post Foundations	1 credit
First-Year Composition	6 credits
Mathematics	3 credits
Social Sciences	12 credits

Sciences	4 credits
Language/Literature	6 credits
Philosophy	3 credits
History	3 credits
Fine Arts	3 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: (23 credits)

MUS	14A	Introduction to Music Technology	3.00
MUS	106A	Basic Keyboard I	1.00
MUS	106B	Basic Keyboard II	1.00
MUS	107A	Music Theory/Keyboard Harmony I	2.00
MUS	107B	Music Theory/Keyboard Harmony II	2.00
MUS	107C	Music Theory/Keyboard Harmony III	2.00
MUS	107D	Music Theory/Keyboard Harmony IV	2.00
MUS	108A	Aural Skills I	2.00
MUS	108B	Aural Skills II	2.00
MUS	108C	Aural Skills III	2.00
MUS	108D	Aural Skills IV	2.00
MUS	109	Arranging, Orchestration and Analysis	2.00

Required Music History/Literature Courses: (12 credits)

MUS	21	Music in Western Civilization I	3.00
MUS	22	Music in Western Civilization II	3.00
MUS	23	Music in Western Civilization III	3.00
MUS	46	Introduction to World Music	3.00

Required Applied Music Courses: (4 credits)

MUS	20	Conducting I	2.00
MUS	40	Instrumental Conducting	2.00

Taken Every Semester

MUS	4	Music Convocation	0.00
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Required Recital Courses

MUS	150	Junior Recital	0.00
MUS	151	Senior Recital	0.00

Instrumental Performance majors are required to take the following for at least two semesters:

MUS	5	Chorus	0
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Additional Music Course

MUS 130	Professional Preparation for a Music Career	1.00
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One course from the following: (3 credits)

ARM 62	Principles and Practices of the Music Industry	3.00
PR 62	Arts and Entertainment Promotion	3.00
CGPH 26	Web Design for Non-Art Majors	3.00
MKT 11	Marketing Principles and Practices	3.00

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

Brass Specialization

Elective Music History/Literature Course

One of the following:

MUS 26	The Symphony	3.00
MUS 28	History of Jazz	3.00
MUS 43	Opera History	3.00

Required Music Lessons

Sixteen credits of Studio Lessons must be completed on primary applied instrument from the following:

- Trumpet (70A/B), Horn (71A/B), Trombone (72A/B), Euphonium (73A/B), Tuba (74A/B)

Lessons in Jazz Trumpet (70C/D) or Jazz Trombone (72C/D) may be taken to satisfy some primary applied instrument Studio Lessons requirements with permission of the Director of Brass Studies.

Lessons are offered every semester for 1 or 2 credits.

Four credits of the following:

MUS 49C	Studio Lessons: Instrumental Coaching	1.00
MUS 49D	Studio Lessons: Instrumental Coaching	2.00

Required every semester:

MUS 6	Wind Symphony	1.00
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Seven credits of the following:

MUS 101	Chamber Music Ensembles	1.00
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Guitar Specialization

Required Music History/Literature Course

MUS 110	Guitar Literature	2.00
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Required Music Lessons

Sixteen credits of Studio Lessons must be completed on primary applied instrument:

- Guitar (54A/B)

Lessons in Jazz Guitar (54C/D) may be taken to satisfy some primary applied instrument Studio Lessons requirements with permission of the Director of Guitar Studies.

Lessons are offered every semester for 1 or 2 credits.

Two credits of the following:

MUS 98D	Fingerboard Harmony	1.00
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Required every semester:

MUS 6D	Guitar Ensemble	1.00
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One of the following is required every semester:

MUS 5	Chorus	1.00
MUS 6	Wind Symphony	1.00
MUS 7	Orchestra	1.00

Two credits of the following:

MUS 101	Chamber Music Ensembles	1.00
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Jazz Specialization

Required Music Theory Course

MUS 92J	Jazz Harmony	3.00
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Required Music History/Literature Course

MUS 28	History of Jazz	3.00
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Required Music Lessons

Eight credits of Studio Lessons must be completed on primary applied instrument from the following:

- Bass (53A/B)
- Guitar (54A/B)
- Flute (60A/B), Clarinet (62A/B), Saxophone (64A/B)
- Trumpet (70A/B), Trombone (72A/B)
- Percussion (80A/B)
- Piano (83A/B)

Four credits of MUS Jazz Studio Lessons must be completed on primary applied instrument from the following:

- Jazz Bass (53C/D)
- Jazz Guitar (54C/D)
- Jazz Flute (60C/D), Jazz Clarinet (62C/D), Jazz Saxophone (64C/D)
- Jazz Trumpet (70C/D), Jazz Trombone (72C/D)
- Jazz Percussion (80C/D)
- Jazz Piano (83C/D)

Lessons are offered every semester for 1 or 2 credits.

Four credits of the following:

MUS 49K	Studio Lessons: Jazz Coaching	1.00
MUS 49L	Studio Lessons: Jazz Coaching	2.00

One of the following is required every semester:

MUS 5	Chorus	0.50
MUS 6	Wind Symphony	0.50
MUS 7	Orchestra	0.50

Required every semester:

MUS 6A	Jazz Ensemble	1.00
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Four credits of the following:

MUS 105	Jazz Combo	1.00
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Percussion Specialization

Elective Music History/Literature Course

One of the following:

MUS 28	History of Jazz	3.00
MUS 43	Opera History	3.00
MUS 26	The Symphony	3.00

Required Music Lessons

Twenty credits of Studio Lessons must be completed on primary applied instrument:

- Percussion (80A/B), Jazz Percussion (80C/D)

Lessons are offered every semester for 1 or 2 credits.

Two credits of the following:

MUS 83A	Studio Lessons: Piano	1.00
MUS 83B	Studio Lessons: Piano	2.00

Required every semester:

MUS 6	Wind Symphony	1.00
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Five credits of the following:

MUS 101	Chamber Music Ensembles	1.00
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Piano Specialization

Additional Applied Music Courses

MUS 12	Accompanying	3.00
MUS 118	Piano Performance Techniques and Literature	3.00

Required Music Lessons

Twenty credits of Studio Lessons must be completed on primary applied instrument:

- Piano 83A/B)

Lessons in Jazz Piano (83C/D) may be taken to satisfy some primary applied Studio Lessons requirements with permission of the Director of Piano Studies.

Lessons are offered every semester for 1 or 2 credits.

One of the following is required every semester:

MUS 5	Chorus	1.00
MUS 6	Wind Symphony	1.00
MUS 7	Orchestra	1.00

Four credits of the following:

MUS 101	Chamber Music Ensembles	1.00
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String Specialization

Elective Music History/Literature Course

One of the following:

MUS 26	The Symphony	3.00
MUS 28	History of Jazz	3.00
MUS 43	Opera History	3.00

Required Music Lessons

Sixteen credits of Studio Lessons must be completed on primary applied instrument from the following:

- Violin (50A/B), Viola (51A/B), Cello (52A/B), Bass (53A/B)

Lessons in Jazz Bass (53C/D) may be taken to satisfy some primary applied instrument Studio Lessons requirements with permission of the Director of String Studies.

Lessons are offered every semester for 1 or 2 credits.

Four credits from the following:

MUS 49C Studio Lessons: 1.00
Instrumental Coaching

MUS 49D Studio Lessons: 2.00
Instrumental Coaching

Required every semester:

MUS 7 Orchestra 1.00

Seven credits of the following:

MUS 101 Chamber Music 1.00
Ensembles

Woodwind Specialization

Elective Music History/Literature Course

One of the following:

MUS 26 The Symphony 3.00

MUS 28 History of Jazz 3.00

MUS 43 Opera History 3.00

Required Music Lessons

Sixteen credits of Studio Lessons must be completed on primary applied instrument from the following:

- Flute (60A/B), Oboe (61A/B), Clarinet (62A/B), Bassoon (63A/B), Saxophone (64A/B)

Lessons in Jazz Flute (60C/D), Jazz Clarinet (62C/D) or Jazz Saxophone (64C/D) may be taken to satisfy some primary applied instrument Studio Lessons requirements with permission of the Director of Woodwind Studies.

Lessons are offered every semester for 1 or 2 credits.

Four credits from the following:

MUS 49C Studio Lessons: 1.00
Instrumental Coaching

MUS 49D Studio Lessons: 2.00
Instrumental Coaching

Required every semester:

MUS 6 Wind Symphony 1.00

Seven credits of the following:

MUS 101 Chamber Music 1.00
Ensembles

Credit and GPA Requirements

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 30
Required Music Major Credits: 81
Elective Credits: 1
Minimum Overall GPA: 2.00
Minimum Major GPA: 2.00

B.M. in Vocal Performance

The Bachelor of Music degree in Vocal Performance offers students a full range of resources to develop their talent and prepare for a career in music. Each student showcases his or her talents at a half recital in the junior year and full recital in the senior year.

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

Within the Vocal Performance concentration, there are two areas of specialization:

- Classical Studies
- Jazz Studies

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.

- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

For admission to the Bachelor of Music in Vocal Performance 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 in 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 attire is expected.

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 notated 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.M. in Vocal Performance

[Program Code: 27702]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.M. in Vocal Performance must satisfy all core curriculum requirements as follows:

Post Foundations	1 credit
First-Year Composition	6 credits
Mathematics	3 credits
Social Sciences	12 credits
Sciences	4 credits
Language/Literature	6 credits
Philosophy	3 credits
History	3 credits
Fine Arts	3 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: (23 credits)

MUS 14A	Introduction to Music Technology	3.00
MUS 106A	Basic Keyboard I	1.00
MUS 106B	Basic Keyboard II	1.00
MUS 107A	Music Theory/Keyboard Harmony I	2.00
MUS 107B	Music Theory/Keyboard Harmony II	2.00
MUS 107C	Music Theory/Keyboard Harmony III	2.00
MUS 107D	Music Theory/Keyboard Harmony IV	2.00

MUS	108A	Aural Skills I	2.00
MUS	108B	Aural Skills II	2.00
MUS	108C	Aural Skills III	2.00
MUS	108D	Aural Skills IV	2.00
MUS	109	Arranging, Orchestration and Analysis	2.00

Required Music History/Literature Courses: (12 credits)

MUS	21	Music in Western Civilization I	3.00
MUS	22	Music in Western Civilization II	3.00
MUS	23	Music in Western Civilization III	3.00
MUS	46	Introduction to World Music	3.00

Required Applied Music Courses: (4 credits)

MUS	20	Conducting I	2.00
MUS	40A	Choral Conducting	2.00

Required Applied Music Courses: (4 credits)

MUS	13	Vocal Diction	2.00
MUS	16P	Vocal Pedagogy	2.00

Taken every semester

MUS	4	Music Convocation	0.00
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Required Recital Courses

MUS	150	Junior Recital	0.00
MUS	151	Senior Recital	0.00

Additional Music Course

MUS	130	Professional Preparation for a Music Career	1.00
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One course from the following: (3 credits)

ARM	62	Principles and Practices of the Music Industry	3.00
PR	62	Arts and Entertainment Promotion	3.00
CGPH	26	Web Design for Non-Art Majors	3.00
MKT	11	Marketing Principles and Practices	3.00

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

Classical Specialization

Elective Music History/Literature Course

One of the following:

MUS	26	The Symphony	3.00
MUS	28	History of Jazz	3.00
MUS	43	Opera History	3.00

Required Music Lessons

Sixteen credits of Studio Lessons must be completed on primary applied instrument:

• Voice (88A/B)
 Lessons in Jazz Voice (88C/D) may be taken to satisfy some primary applied instrument Studio Lessons requirements with permission of the Director of Voice Studies.
Lessons are offered every semester for 1 or 2 credits.

Four credits of the following:

MUS	49A	Studio Lessons: Vocal Coaching	1.00
MUS	49B	Studio Lessons: Vocal Coaching	2.00

Required every semester:

MUS	5	Chorus	1.00
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Three credits of the following:

MUS	33	Opera Scenes	1.00
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Jazz Specialization

Required Music Theory Course

MUS	92J	Jazz Harmony	3.00
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Required Music History/Literature Course

MUS	28	History of Jazz	3.00
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Required Music Lessons

Eight credits of Studio Lessons must be completed on primary applied instrument:

• Voice (88A/B)

Required Music Lessons

Four credits of Studio Lessons must be completed on primary applied instrument:

• Voice (88C/D)

Lessons are offered every semester for 1 or 2 credits.

Four credits of the following:

MUS	49I	Studio Lessons: Vocal Jazz Coaching	1.00
MUS	49J	Studio Lessons: Vocal Jazz Coaching	2.00

Required every semester:

MUS	5	Chorus	0.50
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Required every semester:

MUS	5C	Vocal Jazz Ensemble	1.00
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Four credits of the following:

MUS	105	Jazz Combo	1.00
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Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 30
 Required Music Major Credits: 81
 Elective Credits: 1
 Minimum Overall GPA: 2.00
 Minimum Major GPA: 2.00

B.M. in 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 master classes conducted by high-profile musical artists from New York City and around the world. Music majors also perform on national and international tours organized and led by their professors. You also will have the opportunity to participate in 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 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 the LIU Post. See the Freshman (www.liu.edu/post/freshman) or Transfer (www.liu.edu/post/transfer) admissions websites for more information.

• **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.

- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

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 in 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 attire is expected.

For Instrumentalists:

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

Percussionists: Audition repertoire should include:

- (1) advanced snare drum solo;
- (2) two-mallet keyboard piece (marimba, xylophone, or vibraphone);
- (3) two-drum timpani piece.

For Vocalists:

- Two pieces of contrasting styles. One selection must be in a language other than English. The other classical selection may be in English if desired, 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.M. in Music Education (Birth to Grade 12)

[Program Code: 24068]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.M. in Music Education (Birth to Grade 12) must satisfy all core curriculum requirements as follows:

Post Foundations	1 credit
First-Year Composition	6 credits
Mathematics	3 credits

Social Sciences	12 credits
Sciences	4 credits
Language/Literature	6 credits
Philosophy	3 credits
History	3 credits
Fine Arts	3 credits

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

Major Requirements

All music education majors will complete the music education sequence, which includes MUS 15, 17A, 17F, 18A, 19A, 19B, 19C, and 19D. Music education majors with an instrumental concentration are required to take MUS 17D Instrumental Methods. Music education majors with a choral concentration are required to take MUS 17C Secondary Choral Methods. Music education students are encouraged to take both MUS 17C and MUS 17D to ensure a broader understanding of music teaching and the learning process. Great care is taken in preparing candidates for the student teaching experience and for the workplace upon graduation. Departmental competency requirements in music education, which all music education majors must complete, are designed to ensure best practices in student teaching and to graduate caring, competent, and qualified music educators.

Entering freshman will receive information pertaining to current and updated departmental competency requirements in music education, as well as all mid-degree and exit requirements.

Music education students are required to: a) participate in at least two Collegiate National Association for Music Education (NAfME) sponsored on-campus music education workshops; b) successfully complete the Sophomore Review; c) participate in the Rompertunes early childhood music education program, d) successfully complete 100 hours of pre-student teaching field observation; e) meet the requirements of the pre-student teaching eligibility portfolio and Interview; f) complete NY State teaching certification examinations prior to graduation; and g) meet the requirements of the exit portfolio. Details concerning the above requirements are available from the director of music education.

** Student must receive a grade of C or better in all EDI, EDS and MUS courses*

Required Education Courses: (21 credits)

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00
EDI 16A	Curriculum and Assessment for Pre-service Teachers	3.00

EDI 38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
EDS 44G	Music Foundations For Teaching Special Learners	3.00
EDS 60	Literacy Development: Birth-Grade 6	3.00

Required Education Seminars:

CATX 100	Child Abuse Identification & Reporting	0.00
DASK 100	Dignity in Schools Act	0.00
EDUX 100	Project S.A.V.E. – Safe Schools Against Violence in Education Act	0.00
EDUX 200	Preventing Child Abduction; Safety Education; Fire & Arson	0.00
EDUX 300	Preventing Alcohol, Tobacco, and other Substance Abuse	0.00

Students are required to do one of the following: a foreign language course, American Sign Language (SPE 98), or Equivalent milestone (with permission from the department chair).

Required Music Education Courses: (8 credits)

MUS 15	Introduction to Music Education	1.00
MUS 17A	Elementary General Music Methods	3.00
MUS 17F	Technology and Music Education	2.00
MUS 19A	Brass Methods	0.50
MUS 19B	String Methods	0.50
MUS 19C	Woodwind Methods	0.50
MUS 19D	Percussion Methods	0.50

One specialization course from the following:

MUS 17C	Secondary Choral Music Methods	3.00
MUS 17D	Instrumental Music Methods	3.00

Music Education Elective

One course from the following:

MUS 16P	Vocal Pedagogy	2.00
MUS 16T	Marching Band Techniques	2.00
MUS 35	Band Literature, Techniques and Practices	2.00
MUS 36	String Literature, Techniques and Practices	2.00
MUS 37	Choral Literature, Techniques and Practices	2.00

MUS 111 Guitar Pedagogy 2.00

Required Music Courses

Required Musicianship Core Courses:

MUS 106A Basic Keyboard I 1.00

MUS 106B Basic Keyboard II 1.00

MUS 107A Music Theory/Keyboard Harmony I 2.00

MUS 107B Music Theory/Keyboard Harmony II 2.00

MUS 107C Music Theory/Keyboard Harmony III 2.00

MUS 107D Music Theory/Keyboard Harmony IV 2.00

MUS 108A Aural Skills I 2.00

MUS 108B Aural Skills II 2.00

MUS 108C Aural Skills III 2.00

MUS 108D Aural Skills IV 2.00

MUS 109 Arranging, Orchestration and Analysis 2.00

Required Music History/ Literature Courses

MUS 21 Music in Western Civilization I 3.00

MUS 22 Music in Western Civilization II 3.00

MUS 23 Music in Western Civilization III 3.00

MUS 46 Introduction to World Music 3.00

Required Applied Music Courses

MUS 20 Conducting I 2.00

MUS 40 Instrumental Conducting 2.00
40A (Or) Choral Conducting

Required Music Lessons:

Eight credits of Studio Lessons must be completed on primary applied instrument from the following:

- Violin (50A/B), Viola (51A/B), Cello (52A/B), Bass (53A/B)
- Guitar (54A/B)
- Flute (60A/B), Oboe (61A/B), Clarinet (62A/B), Bassoon (63A/B), Saxophone (64A/B)
- Trumpet (70A/B), Horn (71A/B), Trombone (72A/B), Euphonium (73A/B), Tuba (74A/B)
- Percussion (80A/B)
- Piano (83A/B)
- Voice (88A/B)

Music education students are strongly encouraged to take sixteen credits of Studio Lessons. Some of these additional lessons may be taken on the following instruments:

- Jazz Bass (53C/D)
- Jazz Guitar (54C/D)
- Jazz Flute (60C/D), Jazz Clarinet (62C/D), Jazz Saxophone (64C/D)

- Jazz Trumpet (70C/D), Jazz Trombone (72C/D)
- Jazz Percussion (80C/D)
- Jazz Piano (83C/D)
- Jazz Voice (88C/D)

Lessons are offered each semester for 1 or 2 credits.

One of the following is required every semester:

MUS 5 Chorus 0.50

MUS 6 Wind Symphony 0.50

MUS 7 Orchestra 0.50

Taken every semester except during Student Teaching

MUS 4 Music Convocation 0.00

Required Recital Course

MUS 151 Senior Recital 0.00

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

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 30

Minimum Education Major Credits: 34

Required Music Major Credits: 48

Minimum Overall GPA: 2.50

Minimum Major GPA: 2.75

MINORS

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (16 - 21 credits) toward a minor in music. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

The Department of Music offers minors in Music, Music Entrepreneurship, and Jazz Studies - Vocal and Instrumental.

The minors in Music Entrepreneurship and Jazz Studies are open to Music majors.

Minor in Music

A minor in music requires six credits from the Musicianship Core, six credits from Music History, and six credits of Studio Lessons. Contact your academic and career counselor about further requirements and additional information.

Minor in Music

Required Musicianship Core Courses

MUS 106A Basic Keyboard I 1.00

MUS 106B Basic Keyboard II 1.00

MUS 107A Music Theory/Keyboard Harmony I 2.00

MUS 107B Music Theory/Keyboard Harmony II 2.00

Required Music History Courses

Two of the following:

MUS 21 Music in Western Civilization I 3.00

MUS 22 Music in Western Civilization II 3.00

MUS 23 Music in Western Civilization III 3.00

MUS 46 Introduction to World Music 3.00

Required Music Lessons

Six credits from the following Studio Lessons:

- Vocal Coaching (49A/B), Instrumental Coaching (49C/D), Vocal Jazz Coaching (49I/J), Instrumental Jazz Coaching (49K/L)
- Advanced Conducting (49E/F)
- 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), Recorder (65A/B)
- 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 (82A/B), Jazz Piano (83C/D), Organ (84A/B), Synthesizer (85A/B)
- Voice (88A/B), Jazz Voice (88C/D)

Lessons are offered each semester for 1 or 2 credits.

Credit and GPA Requirements

Minimum Total Credits: 18

Minimum Minor GPA: 2.25

Minor in Music Entrepreneurship

Undergraduate music students at LIU Post and students who are pursuing a major in another subject area can apply elective courses (16 credits) toward a minor in Music Entrepreneurship. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study. Contact your academic and career counselor about further requirements and additional information.

Minor in Music Entrepreneurship

Required Courses

ARM 62 Principles and Practices of the Music Industry 3.00

MUS 130 Professional Preparation for a Music Career 1.00

PR 62 Arts and Entertainment Promotion 3.00

PR 38 Social Media Tools 3.00

CGPH 26	Web Design for Non-Art Majors	3.00
MKT 11	Marketing Principles and Practices	3.00

Credit and GPA Requirements

Minimum Total Credits: 16
 Minimum Minor GPA: 2.25

Minor in Jazz Studies - Vocal or Instrumental

Undergraduate music students at LIU Post and students who are pursuing a major in another subject area can apply elective courses (21 credits) toward a minor in Jazz Studies. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study. Contact your academic and career counselor about further requirements and additional information.

Minor in Jazz Studies-Vocal

Required Courses

MUS 28	History of Jazz	3.00
MUS 92J	Jazz Harmony	3.00
MUS 95J	Jazz Composition & Arranging I	3.00
MUS 98A	Jazz Improvisation	2.00
MUS 151	Senior Recital (Must include jazz repertoire)	0.00

Required Music Lessons

Two credits of Studio Lessons from the following:

- Voice (88C/D)

Lessons are offered every semester for 1 or 2 credits.

Required Applied Music Course:

Two credits from the following:

MUS 49I	Studio Lessons: Vocal Jazz Coaching	1.00
MUS 49J	Studio Lessons: Vocal Jazz Coaching	2.00

Two credits of the following:

MUS 105	Jazz Combo	1.00
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Four credits of the following:

MUS 5C	Vocal Jazz Ensemble	1.00
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Minor in Jazz Studies-Instrumental

Required Courses

MUS 28	History of Jazz	3.00
MUS 92J	Jazz Harmony	3.00
MUS 95J	Jazz Composition & Arranging I	3.00
MUS 98A	Jazz Improvisation	2.00

MUS 151	Senior Recital (Must include jazz repertoire)	0.00
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Required Music Lessons

Three credits of Studio Lessons from the following:

- Jazz Bass (53C/D)
- Jazz Guitar (54C/D)
- Jazz Flute (60C/D), Jazz Clarinet (62C/D), Jazz Saxophone (64C/D)
- Jazz Trumpet (70C/D), Jazz Trombone (72C/D)
- Jazz Percussion (80C/D)
- Jazz Piano (83C/D)

Lessons are offered every semester for 1 or 2 credits.

Three credits of the following:

MUS 105	Jazz Combo	1.00
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Four credits of the following:

MUS 6A	Jazz Ensemble	1.00
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Credit and GPA Requirements

Minimum Total Credits: 21
 Minimum Minor GPA: 2.25

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.

Credits: 3

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.

Credits: 3

Every Fall

MUS 3 Concert Music in New York

This course acquaints students with current musical events in New York City by attending a variety of performances including recitals, symphonies, opera and chamber music.

Credits: 2

On Occasion

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.

Co-requisite of MUS 5, 6, or 7 is required.

Credits: 0

Every Fall and Spring

MUS 5 Chorus

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 5A Chamber Singers

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 5C Vocal Jazz Ensemble

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 6 Wind Symphony

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 6A Jazz Ensemble

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 6B Merriweather Consort

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 6C Percussion Ensemble

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 6D Guitar Ensemble

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 6E Brass Ensemble

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 7 Orchestra

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 7A Flute Ensemble

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 7B Contemporary Ensemble

Audition required.

Credits: 0 to 1

On Occasion

MUS 7C Wind Ensemble

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 7D String Ensemble

Audition required.

Credits: 0 to 1

Every Fall and Spring

MUS 12 Accompanying

This is a course for pianists in accompanying vocalists and instrumentalists. Class meets once a week. In addition, each student is required to work in a vocal or instrumental studio two hours per week as an accompanist under the supervision of a faculty member.

Credits: 3

On Occasion

MUS 13 Vocal Diction

This course centers on the International Phonetic Alphabet for learning pronunciation of English, Italian, German and French.

Credits: 2

Alternate Spring

MUS 14A Introduction to Music Technology

This course introduces students to digital music production, digital audio editing, sequencing and music notation at the computer.

Credits: 3

Every Fall

MUS 14B Intermediate/Advanced MIDI Sequencing

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.

Prerequisite of MUS 14A or 17F or permission of instructor is required.

Credits: 3

On Demand

MUS 14C Intermediate/Advanced Notation

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.

Prerequisite of MUS 14A or 17F or permission of instructor is required.

Credits: 3

On Demand

MUS 15 Introduction to Music Education

This course is an introduction to the philosophy and materials of music education.

Credits: 1

Every Spring

MUS 16 Workshops in Music Education

Workshops in Music Education.

Credits: 1 to 3

On Occasion

MUS 16P Vocal Pedagogy

This course offers an overview of the anatomy, physiology and learning processes associated with healthy singing.

Credits: 2

Alternate Spring

MUS 16T Marching Band Techniques

This course centers on the development and maintenance of public school marching band programs including program administration, budgeting, scheduling, school and community relationships, show design concepts and application, and visual instructional techniques.

Credits: 2

Alternate Fall

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, Dalcroze, Gordon and Laban.

Prerequisite of MUS 15 is required.

Credits: 2

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.

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.

Prerequisite of MUS 15 is required.

Credits: 3

Every Spring

MUS 17F Technology and Music Education

This course focuses on the applications of music technology in the classroom at the K-12 level and in performance.

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.

Credits: 0.50

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.

Credits: 0.50

Every Fall

MUS 19C Woodwind Methods

This course leads to a basic level of playing competence on woodwind instruments. Diverse teaching and learning approaches are explored.

Credits: 0.50

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.

Credits: 0.50

Every Spring

MUS 20 Conducting I

This course covers the elements of conducting.

Prerequisite of MUS 91 or permission of instructor is required.

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.

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.

Credits: 3

Every Fall

MUS 23 Music in Western Civilization III

This course examines the characteristics and development of contemporary art music.

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.

Credits: 3

Every Fall

MUS 26 The Symphony

This course is a study of the masterpieces of the symphonic repertoire of the 18th, 19th and 20th centuries.

Credits: 3

Rotating Basis

MUS 28 History of Jazz

This course centers on the musical and historical evolution of Jazz and its many styles, performers and composers.

Credits: 3

Rotating Basis

MUS 29 Masterpieces of Choral Music

This course is a study and analysis of sacred and secular choral compositions from the 16th century to the present.

Credits: 3

On Occasion

MUS 30 Resolution: A Musician's Take on Facing and Overcoming Challenges

This course is designed to help students recognize, verbalize and overcome difficulties which they will encounter in both immediate and long-range tasks. The problem solving skills used by professional musicians can translate into skills useful in many situations and professions. Though the initial focus is on the performing musician, the course will quickly broaden to include all performance skills such as athletics, teaching, and personal communication.

Credits: 3

On Occasion

MUS 33 Opera Scenes

This course is an introduction to the study and performance of operatic literature, which will culminate with a staged performance.

Prerequisite of MUS 88A or Mus 88B and Co-requisite of MUS 49G or MUS 49H are required.

Credits: 1

On Occasion

MUS 35 Band Literature

This course is a detailed and comprehensive study of wind and percussion techniques, instructional practices, and administrative procedures that pertain to public school instrumental music problems. Suggested for third and fourth-year Music and Music Education majors only.

Credits: 2

Alternate Fall

MUS 36 String Literature

Course is a detailed and comprehensive study of string techniques, instructional practices and approaches that pertain to public school instrumental music programs. Suggested for third and fourth-year Music and Music Education majors only.

Credits: 2

On Occasion

MUS 37 Choral Literature

This course is a comprehensive study of materials, trends, and instructional procedures that pertain to school choral organizations. Suggested for third and fourth-year Music and Music Education majors only.

Credits: 2

On Occasion

MUS 38 Instrumental Performance Workshop

This course is a weekly forum for student performances, comparative listening, score analysis and selected readings on style and performance practice.

Co-requisite of Instrumental Lessons is required.

MUS 40 Instrumental Conducting

This course explores advanced problems and techniques of instrumental conducting.

Prerequisite of MUS 20 is required.

Credits: 2

Every Spring

MUS 40A Choral Conducting

This course explores advanced problems and techniques of choral conducting.

Prerequisite of MUS 20 is required.

Credits: 2

Every Spring

MUS 43 Opera History

This course is the study of operatic masterpieces from the 17th to the 20th centuries.

Credits: 3

Rotating Basis

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.

Credits: 3

Every Fall

MUS 49A Studio Lessons: Vocal Coaching

This course supplements the technical work of voice lessons allowing the student to go in-depth into repertoire, language, issues of interpretations of poetic texts and refinement of performance skills. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 49B Studio Lessons: Vocal Coaching

This course supplements the technical work of voice lessons allowing the student to go in-depth into repertoire, language, issues of interpretations of poetic texts and refinement of performance skills. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 49C Studio Lessons: Instrumental Coaching

This course supplements the technical work of instrumental lessons allowing the student to prepare in-depth standard repertoire for performance with accompaniment. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 49D Studio Lessons: Instrumental Coaching

This course supplements the technical work of instrumental lessons allowing the student to prepare in-depth standard repertoire for performance with accompaniment. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 49E 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 lessons are 25 minutes in length.

Prerequisite of MUS 40 is required.

Credits: 1

Every Fall, Spring and Summer

MUS 49F 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. 2-credit lessons are 50 minutes in length.

Prerequisite of MUS 40 is required.

Credits: 2

Every Fall, Spring and Summer

MUS 49G Studio Lessons: Opera Coaching

To supplement the work in Opera Performance Ensemble, private coaching allows the student to prepare solo repertoire in-depth for performance in the Opera Ensemble. 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 lessons are 25 minutes in length.

Credits: 1

On Occasion

MUS 49H Studio Lessons: Opera Coaching

To supplement the work in Opera Ensemble, private coaching allows the student to prepare solo repertoire in-depth for performance in the Opera Ensemble. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

On Occasion

MUS 49I Studio Lessons: Vocal Jazz Coaching

Vocal jazz coaching lessons supplement jazz voice lessons. Students expand literature and performance skills, write lead sheets, and develop song patter that reflects text interpretation and historic context.

Credits: 1 to 2

Every Fall and Spring

MUS 49J Studio Lessons: Vocal Jazz Coaching

Vocal jazz coaching lessons supplement jazz voice lessons. Students expand literature and performance skills, write lead sheets, and develop song patter that reflects text interpretation and historic context.

Credits: 1 to 2

Every Fall and Spring

MUS 49K Studio Lessons: Instrumental Jazz Coaching

Private instrumental jazz coaching lessons supplement jazz instrumental lessons, giving students the opportunity to expand literature and performance skills and to prepare repertoire for performance with accompaniment.

Credits: 1

Every Fall, Spring and Summer

MUS 49L Studio Lessons: Instrumental Jazz Coaching

Private instrumental jazz coaching lessons supplement jazz instrumental lessons, giving students the opportunity to expand literature and performance skills and to prepare repertoire for performance with accompaniment.

Credits: 2

Every Fall, Spring and Summer

MUS 50A Studio Lessons: Violin

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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 50B Studio Lessons: Violin

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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 51A Studio Lessons: Viola

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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 51B Studio Lessons: Viola

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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 52A Studio Lessons: Cello

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 52B Studio Lessons: Cello

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 53A Studio Lessons: Bass

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 53B Studio Lessons: Bass

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 53C Studio Lessons: Jazz Bass

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 53D Studio Lessons: Jazz Bass

Lessons are given once a week on a one to one basis. 12 lessons are scheduled. 10 lessons must be given to receive a passing grade. Students must visit the Department of Music, to fill out a Lesson Availability Form immediately after registering. Lessons are scheduled before and during the first weekend of each semester. 2-credit lessons are 50 minutes, once a week.

Credits: 2

Every Fall, Spring and Summer

MUS 54 Beginning Guitar

Beginning Guitar is for those students with little or no experience playing guitar. The class will introduce guitar fundamentals such as note reading, chords, charts, strum patterns, first position notes and scales. Students will be introduced to both plectrum and finger-style techniques. They will work on solo pieces and also gain experience playing in an ensemble.

Credits: 2

On Occasion

MUS 54A Studio Lessons: Guitar

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 54B Studio Lessons: Guitar

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 54C Studio Lessons: Jazz Guitar

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 54D Studio Lessons: Jazz Guitar

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 60A Studio Lessons: Flute

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 60B Studio Lessons: Flute

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 60C Studio Lessons: Jazz Flute

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 60D Studio Lessons: Jazz Flute

Lessons are given once a week on a one-to-one basis.

lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 83A Studio Lessons: Piano

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 83B Studio Lessons: Piano

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 83C Studio Lessons: Jazz Piano

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 83D Studio Lessons: Jazz Piano

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 84A Studio Lessons: Organ

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 84B Studio Lessons: Organ

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 85A Studio Lessons: Synthesizer

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 85B Studio Lessons: Synthesizer

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 88A Studio Lessons: Voice

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 88B Studio Lessons: Voice

Lessons are given once a week on a one-to-one basis. 12 lessons are scheduled, 10 lessons must be given to receive a passing grade. 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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 89A Studio Lessons: Composition

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 lessons are 25 minutes in length.

Credits: 1

Every Fall, Spring and Summer

MUS 89B Studio Lessons: Composition

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. 2-credit lessons are 50 minutes in length.

Credits: 2

Every Fall, Spring and Summer

MUS 90 Harmony and Counterpoint I

This course is a study of the basic procedures of tonality with an emphasis on four-part harmony, the principles of counterpoint, voice-leading and figured bass with analytic applications to the music literature. Open only to Music Majors.

Prerequisite of MUS 2 or its equivalent is required.

Credits: 3

Every Fall

MUS 90A Sight Singing I

Open only to Music Majors.

Co-requisite of MUS 90 is required.

Credits: 1

Every Fall

MUS 90B Keyboard Harmony I

Practical study at the piano keyboard of harmonic procedures studied in Music 90. Open only to Music Majors.

Co-requisite of MUS 90 is required.

Credits: 1

Every Fall

MUS 91 Harmony and Counterpoint II

A continuation of MUS 90.

Prerequisite of MUS 90 is required.

Credits: 3

Every Spring

MUS 91A Sight Singing II

A continuation of MUS 90A.

Prerequisite of MUS 90A and Co-requisite of MUS 91 is required.

Credits: 1

Every Spring

MUS 91B Keyboard Harmony II

A continuation of MUS 90B.

Prerequisite of MUS 90B and Co-requisite of MUS 91 is required.

Credits: 1

Every Spring

MUS 92 Harmony and Counterpoint III

A continuation of MUS 91.

Prerequisite of MUS 91 is required.

Credits: 3

Every Fall

MUS 92A Sight Singing III

A continuation of MUS 91A.

Prerequisite of MUS 91A and Co-requisite of MUS 92 is required.

Credits: 1

Every Fall

MUS 92B Keyboard Harmony III

A continuation of MUS 91B.

Prerequisite of MUS 91B and co-requisite of MUS 92 is required.

Credits: 1

Every Fall

MUS 92J Jazz Harmony

This course is a study of harmonic practice as related to the jazz idiom. Course reviews fundamental material (intervals, scales, triads, etc.) and progresses into more advanced material such as modes, seventh and thirteenth chords, function and substitution.

Prerequisites MUS 90, 90A, 90B, 91, 91A, 91B, 92, 92A, 92B

Credits: 3

On Occasion

MUS 93 Harmony and Counterpoint IV

A continuation of MUS 92, this course continues further study in form and analysis emphasizing late 19th century and 20th century music.

Prerequisite of MUS 92 is required.

Credits: 3

Every Spring

MUS 93A Sight Singing IV

A continuation of MUS 92A.

Prerequisite of MUS 92A is required.

Credits: 1

Every Spring

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.

Credits: 3

Every Spring

MUS 95K Jazz Composition and Arranging II

A continuation of the work done in MUS 95J.

Prerequisite of MUS 95J is required.

Credits: 3

On Occasion

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.

Credits: 2

On Occasion

MUS 98D Fingerboard Harmony

This material contributes to a more comprehensive understanding of the fingerboard and is essential for memorization of repertoire.

Credits: 1

On Occasion

MUS 99 Seminar in Music Literature

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.

Credits: 1 to 3

Every Fall and Spring

MUS 99A Seminar in Music Theory

A seminar devoted to working on advanced individual projects in the area of Music Theory 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.

Credits: 1 to 3

Every Fall and Spring

MUS 99B Chamber Music Festival

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.

Credits: 1 to 3

Every Summer

MUS 101 Chamber Music Ensembles

Instrumentalists and select vocalists are assigned to chamber music ensembles based on their level of ability and experience. Students study and perform standard chamber music from the Baroque Period to the 20th century in ensemble combinations of trios, quartets, quintets and octets. Each chamber music ensemble meets weekly for a one hour coaching session with a music faculty member.

Credits: 0 to 1

Every Fall and Spring

MUS 105 Jazz Combo

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. Audition may be required.

Credits: 0 to 1

Every Fall and Spring

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.

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.

Prerequisite(s): 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.

Prerequisite(s): MUS 106A and MUS 106B

Credits: 2

Every Fall

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 repertory 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.

Prerequisite(s): MUS 106A, MUS 106B and MUS 107A

Credits: 2

Every Spring

MUS 107C Theory/Keyboard Harmony III

This course is a continuation of Music Theory/Keyboard Harmony II. Topics include four-part writing, harmonization, secondary dominants, secondary leading tones, simple figured bass realization and simple score reading at the piano, and composition. Requirements include 1) notating and playing a progression involving a sequence of secondary dominants in six (6) keys; and 2) writing and identifying secondary dominant and leading tone chords. Students compose and harmonize simple melodies that include secondary dominant and

leading tone chords.

Prerequisite(s): MUS 106A, MUS 106B, MUS 107A and MUS 107B

Credits: 2

Every Fall

MUS 107D Theory/Keyboard Harmony IV

This course is a continuation of Music Theory/Keyboard Harmony III. Topics include four-part writing, harmonization, binary and ternary forms, augmented sixth chords, Neapolitan chords, transposition, intermediate figured bass realization and score reading at the piano, and composition. Requirements include 1) transposing a selected standard work from the classical repertoire; 2) composing an original piece using binary and ternary forms; 3) composing an original piece that includes augmented sixth chords, and 4) performing at the keyboard intermediate pieces from the standard classical repertoire.

Prerequisite(s): MUS 106A, MUS 106B, MUS 107A, MUS 107B and MUS 107C

Credits: 2

Every Spring

MUS 108A Aural Skills I

This course focuses on diatonic singing using the Moveable DO, LA-based minor solfege system. Students learn intervals, triads, rhythmic clapping, conducting while intoning rhythms, and singing while playing the piano. Compound and simple meters are stressed. Regularly assigned ear training examples will be completed using a digital ear training program.

Credits: 2

Every Fall

MUS 108B Aural Skills II

This course is a continuation of Aural Skills I.

Prerequisite(s): MUS 108A - Aural Skills I

Credits: 2

Every Spring

MUS 108C Aural Skills III

This course focuses on sight singing complex diatonic melodies with accidentals, skips, leaps, and more complex rhythms. The melodies introduce modulations, secondary dominants, and diatonic arpeggios. Students clap and count more complex rhythms that include syncopation, asymmetrical rhythms, compound, simple, and cut-time meters. Students sing improvisations that include chromaticism using the syllable TA. Regularly assigned ear training examples will be completed using a digital ear training program.

Prerequisite(s): MUS 108A & MUS 108B

Credits: 2

Every Fall

MUS 108D Aural Skills IV

This course is a continuation of Aural Skills III.

Prerequisite(s): MUS 108A, MUS 108B and MUS 108C

Credits: 2

Every Spring

MUS 109 Arranging, Orchestration and Analysis

This course focuses on instrumentation as well as arranging and orchestrating existing compositions for varying groups of voices and instruments, including strings, brass, woodwinds and percussion.

Credits: 2

Every Fall

MUS 110 Guitar Literature

This course is an overview of guitar repertoire from the Renaissance to the present. The course includes harmonic and structural analysis, performance practices, technique and transcription.

Credits: 2

On Occasion

MUS 111 Guitar Pedagogy

This course is for Music Education majors. Guitar Pedagogy explores the materials relevant for the teaching of guitar in the classroom, individual instruction and guitar ensemble.

Credits: 2

On Occasion

MUS 118 Piano Performance Techniques and Literature

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.

Prerequisite(s): Open to Piano Major or by permission of the instructor.

Co requisite(s): Applied Piano Lessons

Credits: 3

Every Spring

MUS 130 Professional Preparation for a Music Career

This course is an overview of skills needed to make the transition from college study to professional life. Sessions cover identifying and researching publications and competitions; preparing resumes, cover letters, publicity photos and demo recordings; and planning a debut concert; and establishing a Web presence.

Credits: 1

Alternate Spring

MUS 150 Junior Recital

This course serves as the means of assessment for the junior recital requirement as part of the B.M. in Instrumental or Vocal Performance degree. Requires permission of studio instructor.

Credits: 0

Every Fall, Spring and Summer

MUS 151 Senior Recital

This course serves as the means of assessment for the senior recital requirement as part of the B.M. in Instrumental or Vocal Performance and B.M. in Music Education degrees. Requires permission of studio instructor.

Credits: 0

Every Fall, Spring and Summer

MUS 303 The Power of Music: A Journey from Ancient Greece to 18th Century Europe

Take a journey from music's early beginnings in Ancient Greece to concert music of the 18th century. Europe is a rich tour-de-force, encompassing colorful personalities, developing radical new styles, eliciting a full range of human emotions, and providing context to historical events. Music is in every aspect of life. Come discover the power of the Greek chorus; the intimate sounds of the cloister (with a field trip to New York to see the Cloisters Museum, an actual structure brought over from Europe); the rise of the ruling force of the Church, to the rumblings of revolution in Europe and the 13 colonies.

Experience the Power of Music to shape events, elicit emotions and shape memories.

Must be in Honors College

Credits: 3

On Occasion

MUS 304 The Power of Music: A Journey from 18th Century Europe to Modern Times

A chronological continuation of MUS 303.

Must be in Honors College

Credits: 3

On Occasion

MUS 359 Honors Advanced Elective

Fall - Honors Advanced Elective - Please consult the Honors website for complete description.

Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3

Every Fall

MUS 360 Honors College Advanced Elective

Spring Advanced Elective to be offered on an occasional basis.

Prerequisite of Sophomore, Junior or Senior status and in Honors College are required.

Credits: 3

Every Spring

MUS 385 Honors Tutorial

The first semester of preparation for an Honors Thesis.

Must be in Honors College

Credits: 3

Every Fall

MUS 386 Honors Tutorial

The first semester of preparation for an Honors Thesis.

Must be in Honors College

Credits: 3

Every Spring

MUS 389 Honors Thesis

The second semester of preparation for an Honors Thesis.

Must be in Honors College

Credits: 3

Every Fall

MUS 390 Honors Thesis

The second semester of preparation for an Honors Thesis.

Must be in Honors College

Credits: 3

Every Spring

DEPARTMENT OF THEATRE, DANCE AND ARTS MANAGEMENT

Phone: 516-299-2353

Fax: 516-299-3824

Website: www.liu.edu/post/theatre

Chair: Cara Gargano, Ph.D.

Professors: Fraser, Gargano, Hugo, Porter

Associate Professors: Pye, Wildman

Adjunct Faculty: 20

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.A. in Theatre Arts and the B.F.A. in Theatre Arts, with concentrations in Acting, Design and Production, Directing and Playwriting, and Musical Theatre, the B.F.A. in Arts Management, and the B.F.A. in Dance Studies. Minors are offered in Theatre Arts and Arts Management.

B.A. in 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.

ADMISSION REQUIREMENTS

- Incoming freshmen must have a solid B average (3.0 grade point average or 82 to 85)

and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.

- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.5 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Additional Admission Requirements

Students must have an interview or **audition** for admission to the B.A. in Theatre Arts program. Applicants will be notified of departmental admissions decisions by the early spring. Mid-year transfer students are contacted individually. All B.A. candidates must maintain a 3.0 grade point average in the major.

Auditions

TO AUDITION FOR THE THEATRE ARTS PROGRAM:

- Apply to LIU Post at www.liu.edu/cwpost/onlineapp.
- Call 516-299-2353 to schedule an audition slot. Total audition time is 3 minutes.
- Prepare two short contrasting monologues from a play.
- Submit a headshot and résumé at the time of audition.

POST THEATRE COMPANY AUDITIONS

Auditions for the season productions are open to all theatre majors and are held in the Little Theatre on Mainstage unless otherwise posted. Check the callboard in the Theatre and Dance building for audition requirements and sign-up sheets.

Submitting an Application for Admission

All applicants can apply for admission to LIU Post at My LIU or by using the Apply Now button in the upper right-hand corner of this page. For more information on the application process, visit the Admissions Office home page.

B.A. in Theatre Arts

{Program Code: 07021}

Core Curriculum Requirements

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

POST 101	1 credit
First-Year Composition	6 credits (ENG 1 and THE 141)
Economics/Political Science	6 credits
Fine Arts	3 credits (DNC 1)
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits (THE 142 and THE 143)
Mathematics	3 - 4 credits

Social Sciences 6 credits

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

Major Requirements

Required Introductory Theatre Arts Courses (15 credits)

THE 104	Technical Theater Practices 1	3.00
THE 105	Technical Theater Practices 2	3.00
THE 121	Basic Acting I	3.00
THE 122	Basic Acting II	3.00
THE 151	Beginning Suzuki Technique	3.00

Required Theatrical History & Literature Courses (12 credits)

THE 141, 142, & 143 are considered Liberal Arts Courses; THE 141 satisfies Core ENG 2 Composition (3 credits), THE 142 and THE 143 satisfy Core Language / Literature (6 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
THE 534	Production Laboratory	1.00
THE 535	Production Laboratory	1.00
THE 536	Production Laboratory	1.00
THE 537	Production Laboratory	1.00

Required Dance Course (3 credits)

DNC 1 satisfies Core Fine Arts (3 credits)

DNC 1	Beginning Movement 1	3.00
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Required Theatre Contract Courses

THE 204	Department Contract 1	0.00
THE 205	Department Contract 2	0.00

Six courses from the following:

THE 201	Department Contract	0.00
THE 202	Department Contract 4	0.00

Theatre and Dance Electives (10 credits)

Liberal Arts and Science Electives (45 credits)

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

Minimum Major Credits: 42

Minimum Overall GPA: 2.00

Minimum Major GPA: 2.00

B.F.A. in 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 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 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

- Incoming freshmen must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Additional 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 516-299-2353 to schedule an audition slot. 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 callboard in the Theatre, Film & Dance building for audition requirements and sign-up sheets.

CONCENTRATION IN DIRECTING OR PLAYWRITING (UPPER LEVEL OPTION)

After successful completion of their sophomore year, students in the 120-credit B.F.A. in Theatre Arts: Acting program or the B.A. in Theatre Arts program, with the appropriate prerequisites, may elect to apply to pursue a concentration in either directing or playwriting. Transfer students who wish to apply for this option may be required to take additional preparatory coursework.

Each program requires students to complete a senior thesis project. For directing majors, the thesis will involve directing a play; for playwriting majors, a full-length play will be written and receive either a staged reading or production. Directing and playwriting students may collaborate on their thesis project.

Courses in **Directing** explore stage management, theatrical direction, casting, rehearsals, choreography, scenes, lighting and costume design.

Courses in **Playwriting** focus on the theory and practice of writing for the stage, including the development of one-act plays and screenwriting for the cinema.

Admission Requirements

- **Freshmen** are admitted under the admission requirements for the B.F.A. in Theatre Arts: Acting. An interview and audition are required. Students apply through the Department of Theatre, Dance & Arts Management for the Directing or Playwriting program at the end of their sophomore year at LIU Post.
- **Transfer students** who wish to apply for the concentration in Directing or Playwriting may be required to take additional preparatory coursework. An interview will be required for admission to either option.

For more information contact the Department of Theatre, Dance & Arts Management at 516-299-2353 or the Academic & Career Counseling Office at 516-299-2746.

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 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

- **Incoming freshmen** must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.5 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Additional 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. All B.F.A. candidates must maintain a 3.0 grade point average in the major.

Auditions

To audition for the Theatre Arts - Musical Theatre Program:

- Apply to LIU Post at www.liu.edu/cwpost/onlineapp
- Call 516-299-2353 to schedule an audition slot. 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 and are held in the Little Theatre on Mainstage unless otherwise posted. Check the callboard in the Theatre and Dance Building for audition requirements and sign-up sheets.

CONCENTRATION IN DESIGN AND PRODUCTION

The Bachelor of Fine Arts in Theatre Arts with a concentration in Design and Production is a pre-professional degree that combines a comprehensive introduction to all aspects of theatre with concentrations in costume, scenic, lighting or sound design; technical production; and stage management.

The B.F.A. gives you the artistic, intellectual and technical groundwork necessary for a professional life in the theatre and for further specialization through graduate studies. The 120-credit curriculum includes pre-professional training, study of theatre history and literature, and a wide range of liberal arts courses. This is a process-based, hands-on degree. With strong personal mentoring in your area of specialization, you will make practical application of your training through substantial participation in productions of the Post Theatre Company.

Students gain hands-on experience at professional facilities on campus, including the Little Theatre and the Costume and Scene Shops.

Graduates of the program are working at NBC, on Broadway, in regional theatre, and on national tours.

Admission Requirements

- Incoming freshmen must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Additional Admission Requirements

Students must interview for admission to the B.F.A. in Theatre Arts with a concentration in Design and Production. 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.

To interview for the Theatre Arts Program with a concentration in Design and Production:

- Apply to LIU Post at www.liu.edu/cwpost/onlineapp.

- Call 516-299-2353 to schedule an interview.
- Portfolio is encouraged, but not required. Individual interviews are scheduled throughout the year.

Design and Production Opportunities for Majors

Design and production opportunities are available for majors each semester. Speak with the Post Theatre Company Manager regarding available positions, as design needs differ according to the season's productions.

B.F.A. in Theatre Arts

{Program Code: 14401}

Core Curriculum Requirements

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

POST 101	1 credit
First-Year Composition	6 credits (ENG 1 and THE 141)
Economics/Political Science	6 credits
Fine Arts	3 credits (DNC 1)
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits (THE 142)
Mathematics	3 - 4 credits
Social Sciences	6 credits

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

Major Requirements

Required Introductory Theatre Arts Courses (6 credits)

THE 104	Technical Theater Practices 1	3.00
THE 105	Technical Theater Practices 2	3.00

Required Theatrical History and Literature Courses (9 credits)

THE 141 and THE 142 are considered Liberal Arts Credits. THE 141 satisfies Core ENG 2 Composition (3 credits) and THE 142 satisfies Core Language/Literature (3 credits)

THE 101	Introduction to Drama	3.00
THE 141	Classical Theatre History	3.00
THE 142	Modern Theatre History	3.00

Required Theatre Production Laboratory Courses (4 credits)

Four credits from any of the following:

THE 239	Production Laboratory	1.00
THE 240	Production Laboratory	1.00
THE 534	Production Laboratory	1.00
THE 536	Production Laboratory	1.00

Required Theatre Contract Courses

THE 204	Department Contract 1	0.00
THE 205	Department Contract 2	0.00

Six courses from the following:

THE 201	Department Contract 3	0.00
THE 202	Department Contract 4	0.00

Acting Concentration Requirements

Required Acting Courses (24 credits)

THE 121	Basic Acting I	3.00
THE 122	Basic Acting II	3.00
THE 123	Intermediate Acting I	3.00
THE 124	Intermediate Acting II	3.00
THE 125	Advanced Acting I	3.00
THE 126	Advanced Acting II	3.00
THE 152	Professional Skills: The Business of Acting	3.00
THE 192	Senior Acting Seminar	3.00

Required Additional Theatre History and Literature Courses (3 credits)

THE 143 is considered a Liberal Arts Course, and satisfies Core Language / Literature (3 credits)

THE 143	Shakespeare in Performance	3.00
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Required Additional Theatre Arts and Techniques Courses (21 credits)

THE 131	Directing I	3.00
THE 145	Playwriting I	3.00
THE 151	Beginning Suzuki Technique	3.00
THE 166	Beginning Speech	3.00
THE 167	Beginning Voice	3.00
THE 168	Advanced Voice & Speech	3.00
THE 542	Advanced Suzuki	3.00

Elective Theatre Courses

Any THE course(s) (4 credits)

Required Voice Music Lessons

Two credits taken from the following:

MUS 88A	Studio Lessons: Voice	1.00
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Elective Theatre and Dance Courses

Any THE or DNC courses (15 credits)

3.00 Major GPA is required

Directing Concentration Requirements

Required Acting Courses (12 credits)

THE 121	Basic Acting I	3.00
THE 122	Basic Acting II	3.00
THE 123	Intermediate Acting	3.00
THE 124	Intermediate Acting II	3.00

Required Theatrical Arts & Writing Courses

(37 credits)

THE 2	Current Theatre in New York	3.00
THE 103	Design Concepts for Visual Artists	3.00
THE 110	Stage Management	3.00
THE 130	Makeup & Mask	3.00
THE 131	Directing I	3.00
THE 132	Directing II	3.00
THE 145	Playwriting I	3.00
THE 149	History of Style	3.00
THE 151	Beginning Suzuki Technique	3.00
THE 166	Beginning Speech	3.00
THE 167	Beginning Voice	3.00
THE 188	Thesis	3.00
THE 189	Advanced Individual Study in Theatre	1.00

One of the following (3 credits):

THE 113	Scene Design I	3.00
THE 115	Lighting Design	3.00
THE 171	Costume Design	3.00

Required Dance Courses

Six credits of Dance from the following (6 credits):

DNC 111	Composition and Choreography	3.00
DNC 112	Composition and Choreography II	3.00

Required Voice Music Lessons

Two credits taken from any of the following:

MUS 88A	Studio Lessons: Voice	1.00
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Theatre Electives (6 electives)

3.00 Major GPA is required

Playwriting Concentration Requirements

Required Acting Courses (12 credits)

THE 121	Basic Acting I	3.00
THE 122	Basic Acting II	3.00
THE 123	Intermediate Acting	3.00
THE 124	Intermediate Acting II	3.00

Required Theatrical History & Writing Courses (40 credits)

CIN 9	Screenwriting I	3.00
CIN 10	Screenwriting II	3.00
THE 2	Current Theatre in New York	3.00
THE 103	Design Concepts for Visual Artists	3.00
THE 130	Makeup & Mask	3.00

THE 131	Directing I	3.00
THE 145	Playwriting I	3.00
THE 146	Playwriting II	3.00
THE 149	History of Style	3.00
THE 151	Beginning Suzuki Technique	3.00
THE 166	Beginning Speech	3.00
THE 167	Beginning Voice	3.00
THE 188	Thesis	3.00
THE 189	Advanced Individual Study in Theatre	1.00

Two of the following (6 credits):

ENG 15	Modern Drama	3.00
ENG 21	Shakespeare: Comedies and Histories, Non-Dramatic Poetry	3.00
ENG 22	Shakespeare: Tragedies and Romances	3.00
ENG 49	English Drama	3.00
ENG 50	Great Plays	3.00
ENG 155	O'Neill, Miller, Williams: Forces in Modern American Drama	3.00
ENG 164	American Drama	3.00
THE 132	Directing II	3.00
THE 148	The History of American Musical Comedy	3.00

Elective Theatre courses:

Any THE course(s): 6 credits

Required Voice Music Lessons

Two credits taken from of the following:

MUS 88A	Studio Lessons: Voice	1.00
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3.00 Major GPA is required

Musical Theatre Concentration

Requirements

Required Acting Courses (21 credits)

THE 121	Basic Acting I	3.00
THE 122	Basic Acting II	3.00
THE 123	Intermediate Acting I	3.00
THE 124	Intermediate Acting II	3.00
THE 125	Advanced Acting I	3.00
THE 126	Advanced Acting II	3.00
THE 192	Senior Acting Seminar	3.00

Required Additional Theatre History and Literature Courses (3 credits)

THE 148	The History of American Musical	3.00
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Required Additional Theatre Arts and Techniques Courses (21 credits)

THE 131	Directing I	3.00
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THE 151	Beginning Suzuki Technique	3.00
THE 152	Professional Skills: The Business of Acting	3.00
THE 166	Beginning Speech	3.00
THE 167	Beginning Voice	3.00
THE 168	Advanced Voice and Speech	3.00
THE 542	Advanced Suzuki	3.00

Six (6 credits) of the following:

THE 180	Contemporary Musical Theatre Seminar	3.00
THE 195	Musical Theatre Seminar II	3.00

Required Theatre, Music, Dance, Voice Jury Courses

8 credits of the following:

MUS 88A-002	Voice Lessons	1.00
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Dance Electives 7 credits.

3.00 Major GPA is required

Production & Design Concentration

Requirements

(Costumes, Sound, Sets, Lights, and Stage Management)

Required Introductory Acting Courses (6 credits):

THE 121	Basic Acting I	3.00
THE 122	Basic Acting II	3.00

Required Theatre History & Literature Courses

THE 143 is considered a Liberal Arts Course, and satisfies Core Language / Literature (3 credits)

THE 143	Shakespeare in Performance	3.00
THE 149	History of Style	3.00

Required Theatre Arts, Production & Design Courses (24 credits)

THE 103	Design Concepts for Visual Artists	3.00
THE 129	Sound Design	3.00
THE 110	Stage Management	3.00
THE 113	Scene Design I	3.00
THE 115	Lighting Design	3.00
THE 131	Directing	3.00
THE 115	Lighting Design	3.00
THE 171	Costume Design	3.00

Required Co-Related & Art History Courses (6 credits)

Production & Design: Costume Sub-Plan

Required Costumes Courses (15 credits):

ART	5	Introduction to Basic Drawing	3.00
ART	11	Life Drawing I	3.00
THE	130	Makeup & Mask	3.00
THE	172	Intermediate Costume Construction	3.00
THE	173	Patterning for Costume Designers and Technicians	3.00

One of the following (3 credits):

THE	161	Intermediate Design Seminar	3.00
THE	162	Intermediate Design Seminar	3.00

One of the following (3 credits):

THE	163	Advanced Design Seminar	3.00
THE	164	Advanced Design Seminar	3.00

THE Electives 6 credits

The minimum Major GPA is 3.00

Production & Design: Sound Sub-Plan

One of the following (3 credit):

THE	108	Drafting for Designers and Technicians	3.00
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Required Sound Design Courses (6 credits):

THE	116	Lighting Technology	3.00
THE	128	Sound Technology	3.00

One of the following (3 credits):

THE	119	Stagecraft	3.00
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One of the following (3 credits):

THE	161	Intermediate Design Seminar	3.00
THE	162	Intermediate Design Seminar	3.00

One of the following (3 credits):

THE	163	Advanced Design Seminar	3.00
THE	164	Advanced Design Seminar	3.00

Elective Theatre Arts Courses

Any THE (Theatre) course (9 credits)

The minimum Major GPA is 3.00

Production & Design: Sets Sub-Plan

One of the following (3 credits):

THE	108	Drafting for Designers and Technicians	3.00
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Required Set Design Courses (9 credits):

ART	5	Introduction to Basic Drawing	3.00
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THE	116	Lighting Technology	3.00
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THE	128	Sound Technology	3.00
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One of the following (3 credits):

THE	119	Stagecraft	3.00
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One of the following (3 credits):

THE	161	Intermediate Design Seminar	3.00
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THE	162	Intermediate Design Seminar	3.00
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One of the following (3 credits):

THE	163	Advanced Design Seminar	3.00
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THE	164	Advanced Design Seminar	3.00
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Elective Theatre Arts Course

Any THE (Theatre) course (6 credits)

The minimum Major GPA is 3.00

Production & Design: Lighting Sub-Plan

Choose one of the following (3 credits):

THE	108	Drafting for Designers and Technicians	3.00
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Required Light Design Courses (9 credits):

ART	5	Introduction to Basic Drawing	3.00
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THE	116	Lighting Technology	3.00
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THE	128	Sound Technology	3.00
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Choose one of the Following (3 credits):

THE	119	Stagecraft	3.00
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Choose one of the Following (3 credits):

THE	161	Intermediate Design Seminar	3.00
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THE	162	Intermediate Design Seminar	3.00
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One of the following (3 credits):

THE	163	Advanced Design Seminar	3.00
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THE	164	Advanced Design Seminar	3.00
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Elective Theatre Arts Course

Any THE (Theatre) course (6 credits)

The minimum Major GPA is 3.00

Production & Design: Stage Management

Sub-Plan

One of the following (3 credit):

THE	108	Drafting for Designers and Technicians	3.00
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Required Stage Management Courses (15 credits):

ARM	64	Theatre and Dance Management	3.00
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ARM	68	Legal Aspects of the Arts & Entertainment Industries	3.00
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THE	116	Lighting Technology	3.00
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THE	128	Sound Technology	3.00
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THE	150	Stage Combat	3.00
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Theatre Electives: 9 credits

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 30

Minimum Major Credits: 84

Minimum Overall GPA: 2.00

Minimum Major GPA: 2.00

B.F.A. in Arts Management

A blockbuster exhibit opens in a museum. A world famous singer packs a concert hall for a magical night of music. A local arts council offers instruction in the arts to children. Arts managers make all these things happen. In government agencies and service organizations, in galleries, museums, theatre and dance companies, in orchestras, performing arts centers, and many other organizations, arts managers connect artists with audiences – enriching society by enabling creativity and making it possible for artists and performers to realize their dreams.

The Bachelor of Fine Arts in Arts Management provides competency in the fine arts with a solid foundation in business. The 120-credit program develops skills in critical thinking, leadership, management, planning and finance. Specialized courses apply these aptitudes to arts institutions. A concentration is established in one area of the arts (visual arts, music, theatre or dance). Each area of arts concentration includes history and theory classes as well as applied work. The additional arts management coursework includes classes in accounting, economics, management, marketing, law, and public relations, communications, public speaking and computer graphics.

The program of study culminates with an internship in a professional arts organization. Internships are available both on and off campus. Students have been placed at DreamWorks Theatrical Productions, Stomp, SONY Music, Alvin Ailey American Dance Theatre, Parsons Dance, Nassau Coliseum, Island Def Jam Recordings, Heckscher Museum, and other venues in the New York City metropolitan area. Independent study options and work at Tilles Center for the Performing Arts and Hillwood Art Museum also are available in selected aspects of a student's concentration. Please see below for information on our 5-year BFA/MBA and BFA/MPA options.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical

Reading combined) or ACT Composite of 20 or above.

- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 3.0 is required to transfer into the Arts Management Program. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Additional Admission Requirements

Candidates for admission to the Bachelor of Fine Arts in Arts Management interview with the program director and identify a primary area of interest. They will be officially admitted by the major area department according to the individual program requirements.

B.F.A. in Arts Management

[Program Code: 79015]

Core Curriculum Requirements

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

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits (excluding courses based on chosen sub-plan)
History/Philosophy	6 credits (in one area)
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

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

Major Requirements

Major Required Courses (34 credits)

ARM 1	Arts Management Practicum	1.00
ARM 54	Introduction to Arts Management	3.00
ARM 55	Arts Management Practices	3.00
ARM 57	Development, Fundraising and Grant Writing	3.00
ARM 58	Accounting In the Arts	3.00
ARM 59	Marketing The Arts	3.00
ARM 99	Internship in Arts Management	3.00
MAN 11	Principles of Management	3.00
MAN 12	Organizational Behavior	3.00

ORC 1	Public Speaking	3.00
PR 62	Arts & Entertainment Promotion	3.00
ARM 68	Legal Aspects of the Arts & Entertainment Industry	3.00

Computer Graphics Required Courses

Choose 1 course (3 credits) from the list below:

ART 4	Introduction to Computer Graphics	3.00
CGPH 16	Digital Imaging	3.00

Communication Required Courses

Choose 1 course (3 credits) from the list below:

CMA 5	Writing in the Digital Age	3.00
MAN 16	Business Communication	3.00
PR 2	Writing and Editing for Public Relations	3.00

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 Concentration

Music Required Courses (21 credits)

ARM 62	Principles and Practices of the Music Industry	3.00
MUS 11	Introduction to Music Literature	3.00
MUS 14A	Introduction to Music Technology	3.00
MUS 21	Music in Western Civilization I	3.00
MUS 22	Music in Western Civilization II	3.00
MUS 23	Music in Western Civilization III	3.00
MUS 24	History of Rock Music	3.00

Music Elective Courses

9 credits of any Music courses:

History Elective Courses

Choose 2 courses (6 credits) from the list below:

ART 59	Survey of World Art I	3.00
ART 60	Survey of World Art 2	3.00
ART 61	Ancient Art: The Western Tradition	3.00
ART 64	Medieval Art	3.00
ART 65	Italian Renaissance Art	3.00
ART 66	Northern Art of the 15th and 16th Centuries	3.00
ART 67	The Art of the Baroque	3.00
ART 68	The Art of the 18th and 19th Centuries	3.00

ART 70	Modern Art	3.00
ART 72	Contemporary Art	3.00
ART 75	American Art	3.00
ART 77	Pre-Colonial Arts	3.00
ART 78	Asian Art	3.00
ART 79	History of Photography	3.00
ART 80	Concepts & Issues in Contemporary Photography	3.00
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:

ARM 64	Theatre and Dance Management	3.00
THE 111	Theatre and Dance Management	3.00

Required Technical Theatre Practices: (6 credits)

THE 104	Technical Theater Practices 1	3.00
THE 105	Technical Theater Practices 2	3.00

Required Department Contracts

THE 204	Department Contract 1	0.00
THE 205	Department Contract 2	0.00

Required Department Contract

Must be taken 6 times

THE 201	Department Contract	0.00
THE 201	Department Contract	0.00

Theatre Elective Courses

(24 credits) of any Theatre courses:

Theatre History Courses

Must complete the following 9 credits:

THE 141 and THE 142 are considered Liberal Arts courses; THE 141 satisfies Core ENG 2

Composition (3 credits), THE 142 satisfies Core Language / Literature (6 credits)

THE	101	Introduction to Drama	3.00
THE	141	Classical Theatre History	3.00
THE	142	Modern Theatre History	3.00

Dance Concentration

Dance Required Courses (26 credits)

ARM	2	Arts Management Contract	0.00
ARM	64	Theatre and Dance Management	3.00
DNC	101	Critical Thinking in Dance	2.00
DNC	105	Modern Dance	3.00
DNC	108	History of Dance	3.00
DNC	109	Current Dance in New York City	3.00
DNC	111	Composition and Choreography I	3.00
DNC	115	African Dance I	3.00
THE	104	Technical Theater Practices 1	3.00
THE	105	Technical Theater Practices 2	3.00
THE	204	Department Contract 1	0.00
THE	205	Department Contract 2	0.00

Ballet Requirement (6 credits)

DNC	123	Intermediate & Advanced Ballet I	3.00
DNC	124	Intermediate & Advanced Ballet II	3.00

History Electives

Choose one course (3 credits) from the list below:

ART	59	Survey of World Art I	3.00
ART	60	Survey of World Art 2	3.00
ART	61	Ancient Art: The Western Tradition	3.00
ART	64	Medieval Art	3.00
ART	65	Italian Renaissance Art	3.00
ART	66	Northern Art of the 15th and 16th Centuries	3.00
ART	67	The Art of the Baroque	3.00
ART	68	The Art of the 18th and 19th Centuries	3.00
ART	70	Modern Art	3.00
ART	72	Contemporary Art	3.00
ART	75	American Art	3.00
ART	77	Pre-Colonial Arts	3.00

ART	78	Asian Art	3.00
MUS	21	Music in Western Civilization I	3.00
MUS	22	Music in Western Civilization II	3.00
MUS	23	Music in Western Civilization III	3.00
MUS	24	History of Rock Music	3.00
THE	101	Introduction to Drama	3.00
THE	141	Classical Theatre History	3.00
THE	142	Modern Theatre History	3.00

Dance Elective 1 credit

General Arts Concentration

General Arts Group (6 credits)

Choose two courses (6 credits) from the list below:

ARM	61	Anatomy of a Museum	3.00
ARM	62	Principles and Practices of the Music Industry	3.00
ARM	64	Theatre and Dance Management	3.00
ARM	61	Anatomy of a Museum	3.00
ARM	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 Concentration Elective Courses Required

Choose two courses (6 credits) from the list below:

ART	59	Survey of World Art I	3.00
ART	60	Survey of World Art 2	3.00
ART	61	Ancient Art: The Western Tradition	3.00
ART	64	Medieval Art	3.00
ART	65	Italian Renaissance Art	3.00

ART	66	Northern Art of the 15th and 16th Centuries	3.00
ART	67	The Art of the Baroque	3.00
ART	68	The Art of the 18th and 19th Centuries	3.00
ART	70	Modern Art	3.00
ART	72	Contemporary Art	3.00
ART	75	American Art	3.00
ART	77	Pre-Colonial Arts	3.00
ART	78	Asian Art	3.00
ART	79	History of Photography	3.00
ART	80	Concepts & Issues in Contemporary Photography	3.00
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
BDST	1	Introduction to Broadcasting	3.00
CIN	1	The Art of the Film/1900-1930	3.00
CIN	2	The Art of the Film/1931 to Present	3.00
CIN	3	Major Forces in the Cinema	3.00
CIN	4	Major Figures in the Cinema	3.00
CMA	1	Introduction to Mass Communication Theory	3.00
DNC	108	History of Dance	3.00
DNC	109	Current Dance in New York City	3.00
MUS	21	Music in Western Civilization I	3.00
MUS	22	Music in Western Civilization II	3.00
MUS	23	Music in Western Civilization III	3.00
MUS	24	History of Rock Music	3.00
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

THE 149 History of Style 3.00

Visual Arts Concentration

Visual Arts Required Courses (18 credits)

ARM 61 Anatomy of a Museum 3.00

ART 59 Survey of World Art I 3.00

ART 60 Survey of World Art 2 3.00

ART 70 Modern Art 3.00

ART 72 Contemporary Art 3.00

ATE 3 The Art Museum as Educator: Interpreting Art for Education 3.00

Visual Arts Elective Courses List 1

Choose 3 courses (9 credits) from the list below:

ART 5 Introduction to Basic Drawing 3.00

ART 11 Life Drawing I 3.00

ART 13 Painting 1 3.00

ART 19 Photography 3.00

ART 19A Photography 3.00

ART 21 Printmaking 3.00

ART 31 Pottery and Ceramic Sculpture 1 3.00

ART 35 Sculpture 1 3.00

ART 43 Watercolor 3.00

Visual Arts Elective Courses List 2

Choose any 1 ART courses (3 credits):

Other History Elective Courses

Choose two courses (6 credits) from the list below:

BDST 1 Introduction to Broadcasting 3.00

CIN 1 The Art of the Film/1900-1930 3.00

CIN 2 The Art of the Film/1931 to Present 3.00

CIN 3 Major Forces in the Cinema 3.00

CIN 4 Major Figures in the Cinema 3.00

CIN 11 History of World Cinema 3.00

CIN 303 Film & Society 3.00

CIN 304 Film & Society 3.00

CMA 1 Introduction to Mass Communication Theory 3.00

DNC 108 History of Dance 3.00

DNC 109 Current Dance in New York City 3.00

MUS 21 Music in Western Civilization I 3.00

MUS 22 Music in Western Civilization II 3.00

MUS 23 Music in Western Civilization III 3.00

MUS 24 History of Rock Music 3.00

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

THE 148 The History of American Musical Comedy 3.00

THE 149 History of Style 3.00

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

B.F.A. in Dance Studies

Few art forms are as expressive and personal as dance – and few have the same power to inspire, delight, and communicate across cultures. The Bachelor of Fine Arts in Dance Studies at LIU Post is an excellent foundation for a career in dance performance, dance education or dance criticism. A pre-professional, process-based and performance-oriented program, this 120-credit degree explores the wide variety of roles for dance professionals and surveys the world’s great dance traditions, from African and Asian dance to modern, jazz, ballet and tap. Combining advanced education in dance and theatrical production with opportunities to develop specific skills through training and sustained practice, all in the context of a strong liberal arts program, the B.F.A. in Dance Studies teaches the art form and not just technique.

Students are encouraged to choreograph after the third semester. Coordinated with the Post Theatre Company and the Post Concert Dance Company, the degree offers extensive performance and choreography opportunities and requires substantial participation in the work of both companies.

Audition and interview required.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Additional Admission Requirements

Applicants must arrange for an audition and interview with the program director by calling 516-299-2353 or e-mailing cgargano@liu.edu.

Auditions

To Audition for the Dance Studies Program:

Apply to LIU Post at www.liu.edu/cwpost/onlineapp.

- Call 516-299-2353 to schedule an audition.
- Submit a headshot and résumé at the time of audition.
- Successful auditioners are invited to interview. Individual interviews are scheduled throughout the year.

B.F.A. in Dance Studies

{Program Code: 20465}

Core Curriculum Requirements

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

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits
Fine Arts	3 credits

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

Major Requirements

Required Dance Courses (39 credits):

DNC 101	Critical Thinking in Dance	2.00
DNC 103	Laban Movement Analysis	3.00
DNC 105	Modern Dance	3.00
DNC 108	History of Dance	3.00
DNC 109	Current Dance in New York City	3.00
DNC 111	Composition and Choreography	3.00
DNC 115	African Dance	3.00
DNC 116	African Dance	3.00
DNC 125	Pointe & Partnering	1.00
DNC 126	Floor Barre	2.00
DNC 144	Jazz	3.00
DNC 147	Tap	3.00
DNC 150	Kinesiology for Dancers	4.00

DNC	151	Professional Skills: Showcase	3.00
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Required Ballet Courses

Choose 4 courses from the following (12 credits):

DNC	123	Ballet	3.00
DNC	124	Ballet	3.00

Required Repertory Courses

Eight courses from the following (8 credits):

DNC	139	Repertory	1.00
DNC	140	Repertory	1.00

Elective Dance Courses

Any five credits from undergraduate Dance (DNC) courses

Required Departmental Contract Courses (must be taken in conjunction with THE 104 and THE 105)

THE	204	Department Contract 1	0.00
THE	205	Department Contract 2	0.00

Six courses of the following:

DNC	201	Department Contract	0.00
DNC	202	Department Contract	0.00

Required Related Courses (15 credits):

DNC	106	Modern Dance II	3.00
THE	104	Technical Theater Practices I	3.00
THE	105	Technical Theater Practices II	3.00
THE	121	Basic Acting I	3.00
THE	122	Basic Acting II	3.00

Credit and GPA Requirements

- Minimum Total Credits: 120
- Minimum Liberal Arts Credits: 30
- Minimum Major Credits: 74
- Minimum Overall GPA: 2.00
- Minimum Major GPA: 2.00

ACCELERATED PROGRAMS

B.F.A. in Arts Management / M.B.A.

The B.F.A. in Arts Management/M.B.A. combines exceptional undergraduate arts education with an elite graduate degree in business in a five-year format that saves significant time and cost.

Graduates of the new program will hold the Bachelor of Fine Arts in Arts Management and the Master of Business Administration (M.B.A.)—credentials that will give them a significant advantage in the exciting but competitive world of arts management.

Students in this program will possess an extraordinary combination of training in the arts and management knowledge that will be highly

valued in the arts and entertainment industry. Earning both the B.F.A. and the M.B.A. in just five years, instead of the traditional six years, will save money and enable graduates to begin their careers that much sooner.

The LIU Post B.F.A. in Arts Management provides competency in the fine arts with a solid foundation in business. It includes concentrations in visual arts, music, theater, and dance that feature history and theory classes as well as internships on and off campus. Students have been placed at DreamWorks Theatrical Productions, Stomp, SONY Music, Alvin Ailey American Dance Theatre, Parsons Dance, Nassau Coliseum, Island Def Jam Recordings, Heckscher Museum, and other venues in the New York metropolitan area.

The LIU Post M.B.A. is accredited by AACSB International, the Association to Advance Collegiate Schools of Business, a distinction shared by fewer than 5 percent of business schools worldwide. The College of Management has been ranked among the nation’s best 294 business schools for 10 consecutive years by The Princeton Review.

The combined bachelor’s and M.B.A. degree program requires the completion of 150 credits, 120 undergraduate credits, and 30 graduate credits for the M.B.A.

B.F.A. in Arts Management / MBA

{Program Code: 36156}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.F.A. in Arts Management / MBA must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits (excluded courses based on chosen sub-plan)
History/Philosophy	6 credits
Laboratory Science	4 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

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

Major Requirements

Required Arts Management Courses (34 credits)

ARM	1	Arts Management Practicum	1.00
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ARM	54	Introduction to Arts Management	3.00
ARM	55	Arts Management Practices	3.00
ARM	57	Development, Fundraising and Grant Writing	3.00
ARM	58	Accounting In the Arts	3.00
ARM	59	Marketing The Arts	3.00
ARM	99	Internship in Arts Management	3.00
MAN	11	Principles of Management	3.00
MAN	12	Organizational Behavior	3.00
ORC	1	Public Speaking	3.00
PR	62	Arts & Entertainment Promotion	3.00
ARM	68	Legal Aspects of the Arts & Entertainment Industry	3.00

Arts Management - One course (3 credits) from the following:

ARM	61	Anatomy of a Museum	3.00
ARM	62	Principles and Practices of the Music Industry	3.00
ARM	64	Theatre and Dance Management	3.00

Computer Graphics - One course (3 credits) from the following:

ART	4	Introduction to Computer Graphics	3.00
CGPH	16	Digital Imaging	3.00
PHOT	23	Digital Imaging	3.00

Required Concentration

Chose from one of five concentrations (27 credits): Music, Theatre, Dance, General Arts or Visual Arts.

Required MBA Admissions Required Courses (12 credits)

ECO 10 and ECO 11 are considered Liberal Arts courses. ECO 10 and ECO 11 satisfy Core Economics / Political Science requirement (6 credits)

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00
ECO	72	Statistics	3.00
FIN	11	Corporation Finance	3.00

Required Senior Year Graduate Courses (6 credits)

Communications and Computer courses for dual degree

MBA 620 Managing Information Technology and e-Commerce 3.00

MBA 622 Competitive Marketing Strategy 3.00

Required Graduate Courses (12 credits)

MBA 621 Financial Markets and Institutions 3.00

MBA 623 Organizational Behavior 3.00

MBA 624 Operations Management 3.00

MBA 625 Global Business: Environment and Operations 3.00

Students must complete 5 elective courses taken from BLW 701, TAX 726, or any 700 level FIN, IBU, MAN, MIS, MKT courses. (15 credits)

Required Graduate Capstone Course (3 credits)

MBA 820 Business Policy 3.00

Music Concentration

Music Required Courses: Choose 7 (21 credits)

ARM 62 Principles and Practices of the Music Industry 3.00

MUS 11 Introduction to Music Literature 3.00

MUS 14A Introduction to Music Technology 3.00

MUS 21 Music in Western Civilization I 3.00

MUS 22 Music in Western Civilization II 3.00

MUS 23 Music in Western Civilization III 3.00

MUS 24 History of Rock Music 3.00

History Elective Courses

Choose 2 courses (6 credits) from the list below:

Note: THE 141 and THE 142 are considered Liberal Arts courses. THE 141 satisfies Core ENG 2 Compositon (3 credits); THE 142 satisfies Core Language / Literature (3 credits).

ART 59 Survey of World Art I 3.00

ART 60 Survey of World Art 2 3.00

ART 61 Ancient Art: The Western Tradition 3.00

ART 64 Medieval Art 3.00

ART 65 Italian Renaissance Art 3.00

ART 66 Northern Art of the 15th and 16th Centuries 3.00

ART 67 The Art of the Baroque 3.00

ART 68 The Art of the 18th and 19th Centuries 3.00

ART 70 Modern Art 3.00

ART 72 Contemporary Art 3.00

ART 75 American Art 3.00

ART 77 Pre-Colonial Arts 3.00

ART 78 Asian Art 3.00

ART 79 History of Photography 3.00

ART 80 Concepts & Issues in Contemporary Photography 3.00

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:

ARM 64 Theatre and Dance Management 3.00

THE 111 Theatre and Dance Management 3.00

Required Technical Theatre Practices: (6 credits)

THE 104 Technical Theater Practices 1 3.00

THE 105 Technical Theater Practices 2 3.00

Required Department Contracts

THE 204 Department Contract 1 0.00

THE 205 Department Contract 2 0.00

Required Department Contract

Must be taken 6 times

THE 201 Department Contract 0.00

THE 201 Department Contract 0.00

Theatre Elective Courses

(9 credits) of any Theatre courses:

Theatre History Courses

Must complete the following 9 credits:

THE 141 and THE 142 are considered Liberal Arts courses; THE 141 satisfies Core ENG 2 Composition (3 credits), THE 142 satisfies Core

Language / Literature (3 credits)

THE 101 Introduction to Drama 3.00

THE 141 Classical Theatre History 3.00

THE 142 Modern Theatre History 3.00

Dance Concentration

Dance Required Courses (20 credits)

ARM 2 Arts Management Contract 0.00

ARM 64 Theatre and Dance Management 3.00

DNC 101 Critical Thinking in Dance 2.00

THE 110 Stage Management 3.00

DNC 108 History of Dance 3.00

DNC 109 Current Dance in New York City 3.00

THE 104 Technical Theater Practices 1 3.00

THE 105 Technical Theater Practices 2 3.00

THE 204 Department Contract 1 0.00

THE 205 Department Contract 2 0.00

1 Credit any dance elective

Choose 6 credits of the following:

DNC 105 Modern Dance 3.00

DNC 115 African Dance I 3.00

DNC 111 Composition and Choreography I 3.00

DNC 123 Intermediate & Advanced Ballet I 3.00

DNC 124 Intermediate & Advanced Ballet II 3.00

General Arts Concentration

General Arts Group (6 credits)

Choose two courses (6 credits) from the list below:

ARM 61 Anatomy of a Museum 3.00

ARM 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

15 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 Concentration Elective Courses Required

Choose two courses (6 credits) from the list below:
 Note: THE 141, THE 142 and THE 143 are considered Liberal Arts courses. THE 141 satisfies Core ENG 2 Composition (3 credits); THE 142 and THE 143 satisfy Core Language / Literature (6 credits).

ART 59	Survey of World Art I	3.00
ART 60	Survey of World Art 2	3.00
ART 61	Ancient Art: The Western Tradition	3.00
ART 64	Medieval Art	3.00
ART 65	Italian Renaissance Art	3.00
ART 66	Northern Art of the 15th and 16th Centuries	3.00
ART 67	The Art of the Baroque	3.00
ART 68	The Art of the 18th and 19th Centuries	3.00
ART 70	Modern Art	3.00
ART 72	Contemporary Art	3.00
ART 75	American Art	3.00
ART 77	Pre-Colonial Arts	3.00
ART 78	Asian Art	3.00
ART 79	History of Photography	3.00
ART 80	Concepts & Issues in Contemporary Photography	3.00
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
BDST 1	Introduction to Broadcasting	3.00
CIN 1	The Art of the Film/1900-1930	3.00
CIN 2	The Art of the Film/1931 to Present	3.00
CIN 3	Major Forces in the Cinema	3.00

CIN 4	Major Figures in the Cinema	3.00
CMA 1	Introduction to Mass Communication Theory	3.00
DNC 108	History of Dance	3.00
DNC 109	Current Dance in New York City	3.00
MUS 21	Music in Western Civilization I	3.00
MUS 22	Music in Western Civilization II	3.00
MUS 23	Music in Western Civilization III	3.00
MUS 24	History of Rock Music	3.00
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
THE 149	History of Style	3.00

Visual Arts Concentration

Visual Arts Required Courses (18 credits)

ARM 61	Anatomy of a Museum	3.00
ART 59	Survey of World Art I	3.00
ART 60	Survey of World Art 2	3.00
ART 70	Modern Art	3.00
ART 72	Contemporary Art	3.00
ATE 3	The Art Museum as Educator: Interpreting Art for Education	3.00

Visual Arts Elective Courses List 1

Choose 2 courses (6 credits) from the list below:

ART 5	Introduction to Basic Drawing	3.00
ART 11	Life Drawing I	3.00
ART 13	Painting 1	3.00
ART 19	Photography	3.00
ART 19A	Photography	3.00
ART 21	Printmaking	3.00
ART 31	Pottery and Ceramic Sculpture 1	3.00
ART 35	Sculpture 1	3.00
ART 43	Watercolor	3.00

Other History Elective Courses

Choose one course (3 credits) from the list below:
 Note: THE 141, THE 142 and THE 143 are considered Liberal Arts courses. THE 141 satisfies Core ENG 2 Composition (3 credits); THE 142 and THE 143 satisfy Core Language /

Literature (6 credits).		
BDST 1	Introduction to Broadcasting	3.00
CIN 1	The Art of the Film/1900-1930	3.00
CIN 2	The Art of the Film/1931 to Present	3.00
CIN 3	Major Forces in the Cinema	3.00
CIN 4	Major Figures in the Cinema	3.00
CIN 11	History of World Cinema	3.00
CIN 303	Film & Society	3.00
CIN 304	Film & Society	3.00
CMA 1	Introduction to Mass Communication Theory	3.00
DNC 108	History of Dance	3.00
DNC 109	Current Dance in New York City	3.00
MUS 21	Music in Western Civilization I	3.00
MUS 22	Music in Western Civilization II	3.00
MUS 23	Music in Western Civilization III	3.00
MUS 24	History of Rock Music	3.00
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
THE 148	The History of American Musical Comedy	3.00
THE 149	History of Style	3.00

Credit and GPA Requirements

Minimum Total Credits: 150
 Minimum Total Undergraduate Credits: 120
 Minimum Undergraduate Liberal Arts Credits: 30
 Minimum Undergraduate Major Credits: 79
 Minimum Graduate Major Credits: 36
 Minimum Undergraduate Major GPA: 3.00
 Minimum Undergraduate Cumulative GPA: 3.00
 Minimum Graduate GPA: 3.00

MINORS

Minor in Theatre Arts

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (21 credits) toward a minor in Theatre Arts. This minor is designed for students

who have an interest in the world of theatre, the art of acting, and the joy of entertainment. The minor in Theatre Arts adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study. Contact your academic and career counselor for additional information.

Minor in Theatre Arts

Required Theatre Courses

THE	1	The Art of Theatre	3.00
THE	6	Acting for Non-majors	3.00
THE	101	Introduction to Drama	3.00
THE	104	Technical Theater Practices 1	3.00
THE	105	Technical Theater Practices 2	3.00
THE	141	Classical Theatre History	3.00
THE	142	Modern Theatre History	3.00

Three courses from the following:

THE	204	Department Contract 1	0.00
THE	205	Department Contract 2	0.00

Credit and GPA Requirements

Minimum Total Credits: 21
 Minimum Minor GPA: 2.75

Minor in Arts Management

The arts management minor is designed to complement a variety of undergraduate majors by offering students additional training that they can put to use in their careers. This could include management students that want to put their talents to work in a creative field, students majoring in artistic disciplines (theatre, music, dance, visual arts, etc.) that might want to produce their own work or run their own company someday and many others! An Arts Management minor works in tandem with various undergraduate majors to prepare students for employment in the fields of arts, entertainment and culture.

Minor in Arts Management

Requirements

The following two courses are required:

ARM	54	Introduction to Arts Management	3.00
ARM	55	Arts Management Practices	3.00

Three courses from the following:

ARM	57	Development and Fundraising	3.00
ARM	58	Accounting In the Arts	3.00
ARM	59	Marketing The Arts	3.00

ARM	68	Legal Aspects of the Arts & Entertainment Industries	3.00
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One course from the following:

ARM	61	Introduction to Museum Studies	3.00
ARM	62	Principles and Practices of the Music Industry	3.00
ARM	64	Theatre and Dance Management	3.00

Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Minor GPA: 2.75

Arts Management Courses

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

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. Trends in arts philanthropy and fundraising will be discussed, 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.

Prerequisites of ARM 54 and 55 are required.

Credits: 3

Alternate Fall

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.

Prerequisites of ARM 54 and 55 are required.

Credits: 3

Alternate Spring

ARM 61 Introduction to Museum Studies

This course examines museums from a behind-the-scenes perspective. Students will learn about the responsibility of the 21st century museum and consider it through several lenses; history and philosophy, ethics and best practices, management of collections and exhibitions, the roles of staff and volunteers, among other topics.

Credits: 3

Alternate Spring

ARM 62 Principles and Practices of the Music Industry

This course will provide a general orientation to the music entertainment profession and assist in the development of critical thinking in the analysis of the music industry. Focus will be on the following topics: scope and overview of the recording industry, artist management, unions and guilds, publishing, retail and distribution, marketing, and concert management.

Credits: 3

Alternate Spring

ARM 64 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. Cross listed as THE 112.

Prerequisite of THE 104 or permission of instructor is required.

Credits: 3

Alternate Fall

ARM 68 Legal Aspects of the Arts & Entertainment Industries

This course is an introduction to entertainment law, specifically to the role of contracts, copyright, and the Constitution in the arts and entertainment. Emphasis will be placed on practical aspects of arts and entertainment law so that students studying arts management will learn the vocabulary utilized by entertainment lawyers and the principles of the major working areas of entertainment law.

Credits: 3

Alternate Fall

ARM 70 Current Arts Management Practices and Productions

In this experiential course, students and faculty member will attend one production (theater, dance, music), prior to which they will engage in a discussion session with a working arts manager specializing in one of the functional areas of arts management. Topics covered will include: artistic-managerial decision-making, fundraising, creative development and production, economic challenges of the arts in New York, audience development, financial management, and the production process.

Credits: 3

On Occasion

ARM 89 Advanced Independent Study - Arts Management

Individual faculty guided research projects in Arts Management. Plan of study must be approved by the faculty supervisor and program director. May be repeated for credit.

Credits: 1 to 3

Every Semester

ARM 91 Arts Management Thesis

The Arts Management thesis is generally completed during the senior year and is the compilation of intensive research in the student's arts focus area.

Credits: 3

Every Semester

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

This course is an introduction to basic technique within one of the following dance forms: African, Ballet, Modern, Jazz, Hip Hop, or floor barre.

Emphasis is on body alignment and body awareness, which is explored through both exercise and improvisation. Fulfills Fine Arts Core requirement for non majors. A performance may be required. 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.

Prerequisite of DNC 1 is required.

Credits: 3

On Occasion

DNC 44A Beginning 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/ choreographer. May be repeated for two semesters for credit.

Credits: 3
Every Fall

DNC 47 Beginning Tap

This is an elementary level course in tap dance; the focus is on technique and on the history of the form. May be repeated for two semesters for credit.

Credits: 3
Every Spring

DNC 101 Critical Thinking in Dance

This course is an introduction to movement analysis and critical thinking about technique, performance and history for the incoming dance studies major. Emphasis is placed on the many approaches to dance and the many career options available in the world of dance. A Writing Across the Curriculum option.

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, and investigate 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

Training that stresses the discipline and vitality of longer phrases of movement to help the student experience movement through space using the Cunningham modern dance technique. May be repeated for two 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 Taylor modern dance technique. May be repeated for two semesters for credit.

Prerequisites of Dance major and Dance Audition are required.

Credits: 3
Every Spring

DNC 108 History of Dance

This course is a history of Western dance from the Greeks to the present, exploring 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. 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 giving them order and form. Improvisation is explored, both for its value as an experience to individual participants and its potential as a group performance event.

Prerequisite of Dance major, ARM major, or Theater major is required.

Credits: 3
Every Fall

DNC 112 Composition and Choreography II

This course encourages students to discover their own voice as choreographers. Improvisation is explored, both for its value as an experience to individual participants and its potential as a group performance event. Attention is paid to 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

This course is an introduction to 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. 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

This course is an introduction to 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. 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. The ballet form is 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. The ballet form is 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. The ballet form is applied to standard and non-traditional repertory. May be repeated for four semesters for credit. Dance 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. The ballet form is applied to standard and non-traditional repertory. May be repeated for four semesters for credit. Dance majors only or by permission of the instructor.

Prerequisite of Dance major, ARM major, or Theater major is required.

Credits: 3
Every Spring

DNC 125 Pointe & Partnering

Applying the elements of classical ballet technique and repertory while working on pointe. Issues of balance, gravity, and alignment are explored. For Dance 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 major through implementation of the Zena Rommett Floor Barre Technique®.

Credits: 2
Every Spring

DNC 131 Applied Technique

This course is the development of an original composition with the instructor/ choreographer and culminates in public performance.

Dance majors only.

Credits: 3
On Occasion

DNC 132 Applied Technique II

This course is the development of an original

composition with the instructor/ choreographer and culminates in public performance.

Dance majors only.

Credits: 1

On Occasion

DNC 139 Repertory

This course is intensive experience in dance production including synthesis of performance, design, technical, management, musical elements and production concept, planning, rehearsal, performance, evaluation with the Post Concert Dance Company.

Dance majors only.

Credits: 1

Every Fall

DNC 140 Repertory

This course is intensive experience in dance production including synthesis of performance, design, technical, management, musical elements and production concept, planning, rehearsal, performance, evaluation with the Post Concert Dance Company.

Dance majors only.

Credits: 1

Every Spring

DNC 143 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/ choreographer. May be repeated for two semesters for credit.

Credits: 3

On Occasion

DNC 144 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/ choreographer. 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 focus is on technique and on the history of the form. May be repeated for two semesters for credit.

Credits: 3

Every Spring

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.

Credits: 4

Every Fall

DNC 151 Professional Skills: Showcase

This course is a practicum with guest choreographers leading to a New York City showcase performance. Required for participation in the Showcase. For upper division dance majors. May be repeated for two semesters for credit.

Dance majors only.

Credits: 3

Every Spring

DNC 189 Advanced Independent Study in Dance

Individual faculty-guided projects in dance are appropriate when existing course in student's area of interest have all been taken. Dance majors may repeat for a maximum of four semesters for 1,2,3 or 4 credits

Credits: 1 to 4

Every Semester

DNC 199 Internship

This is an opportunity for the student to work in a professional venue and to be directly and meaningfully involved in day-to-day operations with an emphasis in an area of special interest.

Credits: 3

On Demand

DNC 201 Department Contract

This is a dance major service contract offering the upperclass student a hands-on opportunity to serve as a peer mentor, a company coach, a company publicist, or other position in support of the department and the Post Concert Dance Company. Required for all upperclass majors.

Credits: 0

Every Fall

DNC 202 Department Contract

This is a dance major service contract offering the upperclass student a hands-on opportunity to serve as a peer mentor, a company coach, a company publicist, or other position in support of the department and the Post Concert Dance Company. Required for all upperclass majors.

Credits: 0

Every Spring

DNC 211 Choreography Practicum

This course offers the dance major the opportunity to choreograph in a mentored situation for the Post Concert Dance Company. Students meet regularly with faculty in a rehearsal and production environment.

DNC 211 is required for all student choreographers. May be taken up to 6 times for credit.

Prerequisite of DNC 111 is required. Dance or Arts Management majors only.

Credits: 1

Every Semester

DNC 303 Dance & Society

Dance and Society explores and evaluates the many roles that dance plays in a socio-cultural context.

Moving between dance and world history the course discusses cultural legacies related to dance.

This is a Writing Across the Curriculum offering.

Must be in Honors College

Credits: 3

On Occasion

Theatre Courses

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.

Prerequisite of a Non Theater or Non Dance major is required.

Credits: 3

Every Semester

THE 2 Current Theatre

Visits to theatrical productions include: Broadway, off-Broadway, off-off-Broadway and repertory; discussion and analysis of the theatrical experience; social and economic problems of the New York theatre; understanding the separate contributions of the author, actor, director, and designer to the production. Special ticket charge.

Credits: 3

On Occasion

THE 6 Acting for Non-majors

A comprehensive second-level course that combines exercises, improvisations, and rehearsal and performance of scenes especially designed for the student who is not a Theatre major. May be taken twice for credit.

Prerequisite of THE1 is required.

Credits: 3

On Occasion

THE 101 Introduction to Drama

This course is an introduction to textual and performance analysis in theater through critical, historical and dramatic readings. For Theater Majors only.

Credits: 3

Every Semester

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.

Credits: 3

Alternate Fall

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. 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

THE 105 Technical Theater Practices 2

The course is a continuation of THE 104.

Prerequisite of a Theater major, Dance major, Arts Management major, or Theater Minor and a Co-requisite of THE 205 are required.

Credits: 3

Every Spring

THE 108 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.

Prerequisites of THE 104 & 105 or permission of the instructor are required.

Credits: 3

Alternate Fall

THE 109 Advanced Drafting

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.

Prerequisite of THE 108 is required.

Credits: 3

On Occasion

THE 110 Stage Management

The basic principles and skills of stage management, including: analysis of script, preparation of prompt book, rehearsal organization, production coordination and running of productions. May be repeated a maximum of two semesters.

Prerequisites of THE 104 & 105 or permission of the instructor are required.

Credits: 3

Alternate Spring

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.

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.

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.

Credits: 3

On Occasion

THE 115 Lighting Design

This course is an introduction to lighting design, 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.

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 design, 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.

Prerequisites of THE 104, 105, and 108 or the permission of instructor are required.

Credits: 3

Alternate Spring

THE 117 Scene Painting

This course covers extensive practical experience in scene painting techniques from the simplest to "trompe l'oeil."

Prerequisites of THE 104 & 105 or permission of the instructor are required.

Credits: 3

On Occasion

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.

Prerequisites of THE 104 & 105 or permission of the instructor are required.

Credits: 3

Alternate Spring

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.

Credits: 3

On Occasion

THE 121 Basic Acting I

Exercises and improvisations are intended to develop the student's ability to identify readily with various imagined situations and to act truthfully and spontaneously with each situation.

Prerequisite of Theatre major & Theatre audition OR a Dance/Arts Management major are required.

Credits: 3

Every Fall

THE 122 Basic Acting II

Exercises and improvisations are intended to develop the student's ability to identify readily with various imagined situations and to act truthfully and spontaneously with each situation.

Prerequisite of THE 121 is required.

Credits: 3

Every Spring

THE 123 Intermediate Acting I

The course continues scene work and improvisation with an emphasis on building technique. The student is exposed to elements of movement, voice and speech training.

Prerequisite of THE 122 or permission of the instructor is required.

Credits: 3

Every Fall

THE 124 Intermediate Acting II

The course continues scene work and improvisation with an emphasis on building technique. The student is exposed to elements of movement, voice and speech training.

Prerequisite of THE 123 is required.

Credits: 3

Every Spring

THE 125 Advanced Acting I

This class focuses on scene and monologue study with texts from Greek classical drama and Shakespeare. Alternative performance techniques drawn from theater practitioners such as Tadashi Suzuki, Kristen Linklater, Anne Bogart and Eugenio Barba will provide the means through which students will develop personal process that deviates from the traditional Stanislavsky system.

Co-requisite of THE 542 is required.

Credits: 3

Every Fall

THE 126 Advanced Acting II

A continuation of Theater 125, with 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 theory.

Prerequisite of THE 125 is required.

Credits: 3

Every Spring

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. Basic sound recording, editing, communications systems, enhancement and repair will be included.

Credits: 3

Alternate Spring

THE 129 Sound Design

This course is an introduction to sound design, theory and practice. Design projects are related to historical reference with an emphasis on the source needed for such a design.

Credits: 3

Alternate Spring

THE 130 Makeup & Mask

This course covers practical instruction in makeup techniques taking into account factors of age, temperament, production style. May be repeated for a maximum of two semesters.

Prerequisites of THE 104 & 105 or permission of the instructor are required.

Credits: 3

Alternate 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. 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 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.

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.

Credits: 3

Every Fall

THE 142 Modern Theatre History

This second semester of theatre history investigates historical periods, dramatic genres and theatre literature from Realism to the present. Fulfills Fine Arts core requirement for non-majors

Credits: 3

Every Spring

THE 143 Shakespeare in Performance

This course surveys developments in theory and practice of Shakespearean dramatic works. The stylistic analysis of selected plays, performance techniques and theatrical conventions, including contemporary and non-traditional approaches, is examined.

Prerequisite of THE 141 is required or permission of instructor.

Credits: 3

Alternate Fall

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. 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. May be repeated for a maximum of four semesters. May be taken for English credits.

Prerequisites of ENG 1 and 2 and Sophomore status is required.

Credits: 3

Every Fall

THE 146 Playwriting II

This course covers the 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. May be repeated for a maximum of four semesters. May be taken for English credits

Prerequisite of THE 145 is required.

Credits: 3

On Occasion

THE 148 The History of American Musical

This course is a study of musical comedy from its origins in the 18th century through its development in the 19th to its fruition in the 20th. Emphasis is on the various guises musical comedy has taken and on experiments in the form. Same as Music 48.

Credits: 3

Alternate Spring

THE 149 History of Style

This course is a survey of costume, architecture and decor of the major periods of Western civilization from pre-history 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

Alternate Fall

THE 150 Stage Combat

An introductory practicum dealing with the fundamental techniques and skills of theatrical combat. Emphasis on safety, as well as integrating staged fighting and movement into the actor's process.

Prerequisite of Theatre major or permission of instructor.

Credits: 3

Alternate Spring

THE 151 Beginning Suzuki Technique

This course is an introduction to the Suzuki movement, stillness, creating an inner world and the ability to create an intense physical life on stage, with emphasis on how to use the training to prepare for rehearsal and performance.

Prerequisite of THE 121 is required.

Credits: 3

Every Spring

THE 152 Professional Skills: The Business of Acting

This is an encyclopedia course in preparation for the actor's entry into the profession. It is required for any actor participating in the Senior Showcase. Includes audition techniques, choice of appropriate material, resumes, and introductions to members of the industry.

Prerequisite of THE 126 is required.

Credits: 3

Every Spring

THE 161 Intermediate Design Seminar I

This course is an intermediate seminar in design for theatre, dance, or film. Included are projects in various styles and types of productions. Crew requirement.

Prerequisites of THE 113 & 114 or THE 115 & 116 or THE 117 & 118 and permission of the instructor are required.

Credits: 3

Alternate Spring

THE 162 Intermediate Design Seminar II

This course is an intermediate seminar in design for theatre, film, or dance. Included are projects in various styles and types of productions. Crew requirement

Prerequisites of THE 113 & 114 or THE 115 & 116 or THE 117 & 118 and permission of the instructor are required.

Credits: 3

On Occasion

THE 163 Advanced Design Seminar I

This course is an advanced seminar in design. Included is experience designing projects for musicals, operas and ballets. Crew requirement.

Prerequisites of THE 161 and 162 and permission of the instructor are required.

Credits: 3

Alternate Spring

THE 166 Beginning Speech

This course teaches the fundamentals of Stage Standard speech and provides a working knowledge of the phonetic alphabet.

Prerequisites of THE 121 and 122 or permission of the instructor are required.

Credits: 3

Every Spring

THE 167 Beginning Voice

This course focuses on the use of the vocal instrument. Through exercises based primarily on Linklater Technique, the student explores the relationship of breath to the text and acquires the knowledge to care for and maintain vocal health and production.

Prerequisite of THE 122 or permission of the instructor is required.

Credits: 3

Every Fall

THE 168 Advanced Voice and Speech I

Continuing work on voice and speech with increasing emphasis on meaningful and effective expression in the theater is the focus. Students perform selections from poetry and prose, plays in verse and dialect plays.

Prerequisites of THE 166 and 167 are required.

Credits: 3

Alternate Spring

THE 169 Advanced Voice and Speech II

Continuing work on voice and speech with increasing emphasis on meaningful and effective expression in the theater is the focus. Students perform selections from poetry and prose, plays in verse and dialect plays.

Prerequisites of THE 166, 167 and 169 are required.

Credits: 3

On Occasion

THE 171 Costume Design

This course is an introduction to the principles and procedures of costume design for the theatre; design projects are related to a study of costume history from the ancient Egyptians to the 20th century as are basic costume construction methods, including pattern-making, cutting, fitting, altering and maintenance.

Prerequisites of THE 104 & 105 or permission of the instructor are required.

Credits: 3

Alternate Spring

THE 172 Intermediate Costume Construction

This course builds upon basic costuming skills by providing practical experience in construction, fitting, and alteration techniques of garments cut from commercial patterns and covers creating, as well as researching and analyzing, garments and their construction.

Prerequisites of THE 104, 105, and 171 or instructors permission are required.

Credits: 3

On Occasion

THE 173 Patterning for Costume Designers and Technicians

This course covers extensive practical experience in flat-patterning techniques, including how to develop basic patterns to achieve complex designs. Costumes construction skill are strengthened through cutting, stitching, fitting, and alteration of drafted patterns.

Prerequisites of THE 172 & 173 or permission of instructor are required.

Credits: 3

On Occasion

THE 176 Art Of Draping

This course is an introduction to the basic principles and methods of draping pasterns for garment construction. Costume construction skills are strengthened through cutting, stitching, fitting and alteration of draped patters.

Prerequisites of THE 172 & 173 or permission of instructor are required.

Credits: 3

On Occasion

THE 180 Contemporary Musical Theatre Seminar

This course is a practicum in musical theatre solo and scene work performance techniques with emphasis on performance techniques. May be taken for credit up to three times.

Credits: 3

Every Fall

THE 188 Thesis

This course is an advanced performance or production project, including research and paper (on an individual basis).

Credits: 3

On Demand

THE 189 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 192 Senior Acting Seminar

A capstone class in which fourth year acting students work to synthesize the studio experiences of the previous three years through scene study and devised performance, with emphasis on writing about process, practice, and the foundational structures of various performance practices. Students will work with texts from all genre of theatre literature, as well as original, ensemble-based performance.

Prerequisite of THE 126 or permission of instructor is required.

Credits: 3

Every Fall

THE 193 Seminar in Theater Research

A special project course in the which students investigate a single research topic in the course of the semester. Students report regularly to the weekly seminar and share in the evaluation of one another's work.

Prerequisites of THE 141 and 142 are required.

Credits: 3

On Occasion

THE 195 Musical Theatre Seminar II

This is an upper level course, examining musical theatre performance with an emphasis on preparation for the profession.

Credits: 3

Every Spring

THE 199 Internship in Professional Theatre

This is a full-time, in-residence internship with a professional theater institution. The student is directly and meaningfully involved in day-to-day operations in a variety of departments, but with an emphasis in an area of special interest. Direct and sustained contact with working theater artists and administrators.

Credits: 3

On Demand

THE 201 Department Contract

This is a theatre major service contract offering the upperclass student a hands-on opportunity to serve as a peer mentor, a company coach, a company publicist, or other position in support of the department and the Post Theatre Company.

Required for all upperclass majors.

Credits: 0

Every Fall

THE 202 Department Contract

This is a theatre major service contract offering the upperclass student a hands-on opportunity to serve as a peer mentor, a company coach, a company publicist, or other position in support of the department and the Post Theatre Company.

Required for all upperclass majors.

Credits: 0

Every Spring

THE 204 Department Contract 1

This is a theatre major service contract, a required lab for THE 104.

Co-requisite of THE 104 is required.

Credits: 0

Every Fall

THE 205 Department Contract 2

This is a theatre major service contract, a required lab for THE 105.

Credits: 0

Every Spring

THE 239 Production Laboratory

This course is an intensive experience in theatrical production for public performance. Synthesis of

acting, design, technical and managerial elements in total production. Production concept, planning, rehearsal, performance, evaluation. 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. Synthesis of acting, design, technical and managerial elements in total production. Production concept, planning, rehearsal, performance, evaluation. Must be repeated when a student is cast in a PTC production.

Prerequisite or Co-requisite of THE 122 & 105, in addition to prerequisites of THE 104 & 121 are required.

Credits: 1

Every Spring

THE 304 Theatre And Society

Theatre is a sensitive barometer of its time, revealing and reflecting whatever is urgent, relevant, or merely fashionable at a particular moment. This course will investigate a multitude of performances ranging from Greek Religious Drama, Shakespeare, and Japanese Kabuki to Environmental Theatre and Performance Art. The class will explore issues of performance and power, politics, religion, race, ethnicity, patriotism, authorship, and censorship from cultural and historical perspectives.

Must be in Honors College

Credits: 3

On Occasion

COLLEGE OF EDUCATION, INFORMATION AND TECHNOLOGY

The College of Education, Information and Technology offers undergraduate and graduate degrees, including doctoral programs, in teacher education, educational administration and leadership, counseling, communication sciences and disorders, and library and information science. In addition, the College offers graduate-level advanced certificates in such specialties as archives and records management, public library administration and school district leadership. Programs in the College are nationally accredited by ALA, ASHA, CACREP and CAEP, 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 an 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 College of Education, Information and Technology is dedicated to preparing students for leading roles in some of the world's fastest growing and most rewarding fields.

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**DEPARTMENT OF
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SCIENCES AND DISORDERS**

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Adjunct Faculty: 12

Ladje Speech and Hearing Center

Phone: 516-299-2437

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Clinical Director: Rubenstein

Assistant Clinic Director: Newman

Clinical Supervisors: 9

Millions of Americans suffer from some form of speech, language or hearing disorder and require specialized therapy or rehabilitation services. This creates a high demand for trained professionals to assist adults and children in overcoming their communication difficulties. The Department of Communication Sciences and Disorders is dedicated to the advancement of the diagnosis and treatment of speech, language and hearing impairments. The department offers a comprehensive pre-professional bachelor's degree in Speech-Language Pathology and Audiology.

**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 is also 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 45 credits in the Liberal Arts core, 45 credits in Speech and Hearing courses, 14 credits in Education courses, 6 credits in English Composition and 19 credits in electives in the Department of Communication Sciences and Disorders.

B.S. in Speech-Language Pathology & Audiology -

{Program Code: 07001}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Speech-Language & Audiology must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	3 (MTH 19)
Social Sciences	6 credits

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

SPE 5	Voice and Diction	3.00
SPE 51	Phonetics of English	3.00
SPE 63	Introduction to Linguistics and Language Acquisition	3.00
SPE 64	The Organization and Administration of Speech and Language Services in the Schools	3.00
SPE 65	Introduction to Diagnostic Procedures	3.00
SPE 67	Introduction to Language Disorders in Children	3.00
SPE 70	Professional and Scientific Writing in Speech-Language Pathology and Audiology	3.00
SPE 82	Introduction to Speech Science	3.00
SPE 84	Anatomy and Physiology of the Speech and Hearing Mechanism	3.00
SPE 85	Introduction to Articulation Disorders and Phonological	3.00

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:

SPE 86	Clinical Practicum in Speech Language Pathology	2.00
SPE 97	American Sign Language II	3.00
SPE 98	American Sign Language I	3.00
SPE 385	Honors Tutorial	3.00
SPE 386	Honors Tutorial	3.00

Required Co-Related Education Courses

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 41	Child Development	3.00
SPE 35	Methods and Materials: Applications for Speech-Language Therapy	2.00
SPE 35J	Methods and Materials for Speech-Language Therapy	3.00

Required Co-Related Courses List 1:

BIO 7	Human Anatomy and Physiology I	4.00
BIO 8	Human Anatomy and Physiology II	4.00
PHY 11	College Physics I	4.00
MTH 19	Statistics	
EDUX 200	Preventing Child Abduction; Safety Education; Fire and Arson Prevention	0.00

EDUX 300 Preventing Alcohol, Tobacco, and Other Substance Abuse 0.00

Credit and GPA Requirements

Minimum Total: 120 credits
 Minimum Liberal Arts: 60 credits
 Minimum Major: 63 credits
 Minimum Major GPA: 3.0
 Minimum Overall GPA: 2.50

MINORS

Minor in Speech Pathology and Audiology

Students who major in education, special education, psychology, counseling, nursing or nutrition may consider taking coursework from within the discipline of Communication Sciences and Disorders, leading to an undergraduate minor in this department.

These courses are designed to provide the undergraduate student with essential information regarding the communicative process and the importance of effective communicative skills across a wide array of settings throughout the lifespan. In taking these courses, students will learn how to define speech and language. They will acquire insights into the receptive and expressive processes that underlie communication; be introduced to the cognitive, neurological, developmental and behavioral underpinnings involved in human communication; and observe how speech-language problems may be addressed in pediatric and adult populations. Such students will become well-rounded in their education and more successful in the pursuit of their major degrees.

Required Speech Courses

SPE 51 Phonetics of English 3.00
 SPE 63 Introduction to Linguistics and Language Acquisition 3.00
 SPE 84 Anatomy and Physiology fo the Speech and Hearing Mechanism 3.00
 SPE 90 Introduction to Audiology 3.00
 SPE 93 Speech Pathology I 3.00
 SPE 94 Speech Pathology II: Introduction to Adult Speech and Language Disorders 3.00

Elective Speech Courses

Three credits from one of the following:

SPE 88 Introduction to Neuroanatomy for the Speech-Language Pathologist 3.00

SPE 82 Introduction to Speech Science 3.00

Credit and GPA Requirements

Minimum Total Credits: 21
 Minimum Minor GPA: 3.0

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 and Spring

SPE 35 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.

With the approval of the department chair and the dean, Seniors may also elect certain graduate courses for undergraduate credit.

Prerequisite of SPE 35J is required.

Credits: 2

Every Fall

SPE 35J Methods and Materials for Speech-Language Therapy

This writing intensive course focuses on the basic considerations for speech-language therapy including the therapeutic process, basic principles of learning, the development of treatment plans and administration of treatment sessions. Students will learn to observe behavior, to target behaviors being learned or modified, to perform task analysis and to assess the effectiveness of procedures one implemented. Students will become conversant in the application of a model associated with evidence based practice.

Prerequisites of EDI 14, 15A, 16A, SPE 67, SPE 85 and 93 OR (EDI 14, 15A, 16A, SPE transfer plan milestone & co-requisite of SPE 67) are required.

Credits: 3

Every Spring

SPE 51 Phonetics of English

This course is an introduction to phonetic and phonemic structure of American English: sound formulation and dialectic differences. Related acoustic, anatomical and physiological and linguistic factors are considered along with broad

and narrow transcription using the International Phonetic Alphabet (IPA).

Credits: 3

Every Fall and 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.

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 examination 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.

Prerequisite of SPE 63, 67, 85, and 93 OR (completion of the SPE 93/85/65 milestone (transfer plan) & co-requisite of SPE 67) is required.

Credits: 3

Every Fall

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 Spring

SPE 70 Professional and Scientific Writing in Speech-Language Pathology and Audiology

This course offers an introduction to syntactic analysis and professional and scientific writing. It 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.

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, 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.

Pre-requisites: BIO 7 and BIO 8.

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 of SPE 51, 63, 84 and 93 are required.

Credits: 3

Every Fall

SPE 86 Clinical Practicum in Speech Language Pathology

A limited introductory clinical practicum in a private or a public school setting is provided. There is experience in clinical assessment and intervention with preschoolers or school-aged children manifesting communication disorders. Students must have a GPA of 3.0 to enroll.

Requires major GPA 3.4 and department approval.

Prerequisites of SPE 35J and SPE 35 are required.

Credits: 2

Every Fall and Spring

SPE 88 Introduction to Neuroanatomy for the Speech-Language Pathologist

This required course provides working knowledge of anatomical landmarks of the central nervous system and its 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 requisites: SPE 84, SPE 93

Credits: 3

Every Fall

SPE 91 Introduction to Aural Rehabilitation

This course is an introduction of 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

Credits: 3

Every Spring

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 of SPE 51 & 84 are required.

Credits: 3

Every Fall

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 alaryngeal speech will be discussed, as well as principles of assessment and intervention.

Prerequisite of SPE 51, 84, and 88 are required.

Credits: 3

Every Spring

SPE 95 Introduction to Clinical Research in Communication Disorders

The fundamental goal of this 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.

Prerequisites: SPE 67, SPE 85 and SPE 93

Credits: 3

Every Fall

SPE 97 American Sign Language II

This course builds on the foundation laid in SPE 98 by expanding the students' conversational range using American Sign Language. In addition, idiomatic expressions will be covered.

Prerequisite of SPE 98 is required.

Credits: 3

Every Spring

SPE 98 American Sign Language I

This course equips students to communicate with deaf, hard of hearing and seriously language-impaired (non-oral) individuals through basic-level fingerspelling, facial expressions and American Sign Language system.

Credits: 3

Every Fall and 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

This 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 386 Honors Tutorial

This course is a continuation of SPE 385, 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 pursues a pre-approved topic with a mentor within the Department of Communication Sciences and Disorders with expertise in the area specified.

Must be in Honors College

Credits: 3

On Occasion

SPE 389 Honors Thesis

This course is 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

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

DEPARTMENT OF CURRICULUM & INSTRUCTION

Phone: 516-299-2374

Fax: 516-299-3312

Chair: Piro

Professor: Dornisch, Piro, Rasheed, Rhee

Associate Professors: Ahmad, Byrne,

Choi, Dunne, Goubeaud, Levine,

Ogulnick, Schneiderman, Tolentino, Woo

Adjunct Faculty: 46

The Department of Curriculum and Instruction offers one of the most comprehensive teacher preparation programs in New York State. Nationally accredited by the Council for the Accreditation of Education Preparation (CAEP), the Department's bachelor's degree programs focus on the different stages of child development: infancy, pre-school, early childhood, childhood, middle and high school. Students are mentored throughout their entire program by expert faculty who oversee their student-teaching assignments, portfolio development, peer- and self-evaluations, and leadership experiences. All teacher education programs lead to New York State teacher certification. The College offers bachelor's programs in early childhood education (birth to grade 2), childhood education (grades 1 to 6), adolescence education (grades 7 to 12) and art and music education (birth to grade 12).

B.S. Early Childhood Education (Birth - Gr 2)

This four-year initial teaching certification program prepares candidates to nurture and teach infants, toddlers and preschoolers and children in primary grade settings (kindergarten through second grade). The 120-credit Early Childhood Program offers candidates the opportunity to contribute to a strong foundation during a child's formative years.

Grounded in the social constructivist approach to early care and education, candidates in the Early Childhood Program develop a view of young children as meaning-makers, creative innovators, problem solvers and theory builders who are proactive in constructing their schema of the world. With the goal of creating critical, multicultural and democratic contexts, teacher candidates strengthen their awareness of children's literacies, languages, layers of identity and universal modes of learning so that they can fully support them as learners.

Through civic engagement and field practica at child care centers, camps, pre-schools and public and private schools, teacher candidates are challenged to pursue an in-depth inquiry of questions such as "How do children learn?"; "How

do early childhood learning environments support children's investigations?" and "In what ways do teachers generate and shape curriculum to reflect the questions and interests of young children?" As part of the transformative experience of becoming teachers, Early Childhood teacher candidates conceptualize ways to create contexts that foster learners' curiosity, honor diversity, and support multimodal learning.

Undergraduates seeking teacher certification in Early Childhood Education (Birth to Grade 2) must select a Liberal Arts and Sciences concentration. For more information about the concentrations, see the LIU website.

After you complete all degree requirements, successfully pass New York State Licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Early Childhood Education (Birth-Grade 2).

The Early Childhood Education degree is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

ADMISSION REQUIREMENTS

The following are the admission requirements for the B.S. in Early Childhood Education (Birth – Grade 2):

- 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.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Early Childhood Education

{Program Code 23212}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Early Childhood Education must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (POL 2 required and one of the following: ECO 10, ECO 11 or POL 3)

Fine Arts	3 credits (one of the following: ART 1, ART 101, CIN 11, MUS 1, THE 1, ART 5, ART 17, ART 18 or THE 1 required)
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 15 and 16)
Social Sciences	6 credits (either GGR 1 or GGR 2 required and one of the following: ANT 1, GGR 1, GGR 2 or SOC 1)

Some core requirements may be completed as part of the chosen liberal arts and sciences concentration requirements. 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:

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00
EDI 40	Introduction to Early Childhood Education	3.00
EDI 41	Child Development: Birth-Grade 2	3.00
EDI 64B	Play in the Early Childhood Curriculum	3.00
EDI 66	Supervised Student Teaching and Seminar in Early Childhood Education	6.00
EDS 44	Introduction to the Study of the Exceptional Child	3.00
EDS 50	Creating Responsible Inclusive Classrooms	3.00
EDS 60	Literacy Development: Birth Grade 6	3.00
EDS 62	Literacy Assessment for the Classroom Teacher: Birth-Grade 6	3.00

The students are required to do one of the following: a Foreign language course, American Sign Language (SPE 98), or Equivalent milestone (with permission from the department chair).

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

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

Liberal Arts and Sciences Concentration Requirements

Candidates must choose a liberal arts and sciences concentration from the following areas: earth system science, English, French, geography, history, Italian, mathematics, philosophy, political science, psychology, science, social studies, sociology or Spanish. In addition, candidates may choose to double major either in English or history in lieu of the concentration. Please see your advisor for specific course choices.

Courses taken as part of a liberal arts and sciences concentration may not be taken on a pass / fail basis.

Credit and GPA Requirements

- Minimum Total: 120 credits
- Minimum Liberal Arts: 60 credits
- Minimum Major: 36 credits
- Minimum Major GPA: 2.75
- Minimum Overall GPA: 2.50

B.S. Early Childhood Education and Special Ed (B - Gr 2) (dual initial certification)

This 123-credit B.S. In Early Childhood Education/Special Education prepares you to become a knowledgeable, caring, and inspiring teacher of general education and special education for children from birth to second grade.

In pursuing your undergraduate degree, you will examine theories of child development, motivation, and learning for youngsters ranging in age from birth until 8 years of age. You will master the skills needed to encourage students to learn new materials and to take responsibility for themselves and one another. As you work toward the degree you will gain an understanding and appreciation of subjects ranging from science to music to language arts. You also will acquire techniques to assess and evaluate a child's intellectual, social, and physical development, and you will learn the basic principles of classroom management for a diverse student population. The program will culminate in a semester-long student

teaching experience that will allow you to practice your new skills in classroom settings. This degree qualifies you for two NYS initial teaching certifications.

This program requires a concentration in the liberal arts and sciences. You can select from a variety of areas. For more information about concentrations, see the LIU website.

After you complete all degree requirements, successfully pass New York State Licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Early Childhood Education (Birth-Grade 2) and Special Education (All Grades).

Undergraduates seeking teacher certification in Early Childhood and Special Education (Birth to Grade 2) must select a Liberal Arts and Sciences concentration. Please see your advisor for specific course choices. Please refer to the NYSED certification website

(www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Early Childhood/Special Education degree is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction and Special Education and Literacy are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

ADMISSION REQUIREMENTS

The following are the admission requirements for the B.S. in Early Childhood/Special Education (Birth – Grade 2):

- 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.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Early Childhood Education (B - Gr 2) and Special Education (Dual Initial Certification)

{Program Code 23212}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Early Childhood Education must satisfy all core curriculum requirements as follows:

- POST 101 1 credit
- First-Year Composition 6 credits

Economics/Political Science	6 credits (POL 2 required and one of the following: ECO 10, ECO 11 or POL 3)
Fine Arts	3 credits (one of the following: ART 1, ART 101, CIN 11, MUS 1, THE 1, ART 5, ART 17, ART 18 or THE 1 required)
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 15 and 16)
Social Sciences	6 credits (either GGR 1 or GGR 2 required and one of the following: ANT 1, GGR 1, GGR 2 or SOC 1)

Some core requirements may be completed as part of the chosen liberal arts and sciences concentration requirements. 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)

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI	15A	Psychological Perspectives: Teaching and Learning	3.00
EDI	16A	Curriculum & Assessment for Pre-Service Teachers	3.00
EDI	40A	Multimodal Approach to Play-Based Early Childhood Curriculum and Instruction: Birth-Grade 4	3.00
EDI	41A	Nurturing Young Children's Development: A Multicultural Approach: Birth-Grade 2	3.00
EDI	42	Multimodal Approach to Play-Based Early Childhood Curriculum and Instruction K-Grade 2	3.00
EDI	56	Literacy Acquisition for English Language Learners	3.00
EDI	66	Supervised Student Teaching and Seminar in Early Childhood Education	6.00
EDI	625	Observation and Assessment in Early Childhood Education: Birth-Grade 2	3.00

EDS	45	Teaching Students with Disabilities in Inclusive Classrooms	3.00
EDS	60	Literacy Development: Birth-Grade 6	3.00
EDS	62	Literacy Assessment for the Classroom Teacher: Birth-Grade 6	3.00
EDS	600	Introduction to the Study of the Exceptional Child and Adolescent	3.00
EDS	630	Curriculum Based Assessment and Instruction of Students with Mild Disabilities at the Elementary and Secondary Levels	3.00
EDS	632	Instruction and Classroom Management for Children with Emotional and Behavioral Problems	3.00

The students are required to do one of the following: a foreign language course, American Sign Language (SPE 98), or equivalent milestone (with permission from the department chair). **A grade of "C-" or higher is required in all education courses

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

Liberal Arts and Sciences Concentration Requirements

Students must choose a Liberal Arts and Sciences Concentration from the following areas: American studies, earth system science, English, French, geography, history, Italian, mathematics, philosophy, political science, psychology, science, social studies, sociology or Spanish. In addition, students may choose to double major in either English or history 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.

Credit and GPA Requirements

Minimum Total: 123 credits
 Minimum Liberal Arts: 60 credits
 Minimum Major: 36 credits
 Minimum Major GPA: 2.75

Minimum Overall GPA: 2.50

B.S. Early Childhood Education (B - Gr 2) and TESOL All Grades (dual initial certification)

The 126 credit B.S. in Early Childhood Education and TESOL prepares you to become a knowledgeable, caring, and inspiring teacher of general education and English as a second language for children who are in the birth to second grade.

In pursuing your undergraduate degree, you will examine theories of child development, motivation, and learning for youngsters ranging in age from birth to 18 years of age. You will master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As you work toward the degree you will gain an understanding and appreciation of subjects ranging from science to music to language arts. You also will acquire techniques to assess and evaluate a child's intellectual, social, and physical development, and you will learn the basic principles of classroom management for a diverse student population. The program will culminate in a semester-long student teaching experience that will allow you to practice your new skills in classroom settings. This degree qualifies you for dual NYS initial teaching certification.

This option requires a concentration in the liberal arts and sciences. You can select from a variety of areas. For more information about the concentrations, see the LIU website.

After you complete all degree requirements, successfully pass New York State Licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Early Childhood Education (Birth-Grade 2) and TESOL. Please refer to the NYSED certification website

(www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Early Childhood Education degree is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

ADMISSION REQUIREMENTS

The following are the admission requirements for the B.S. in Early Childhood Education (Birth – Grade 2) and TESOL (All Grades) program:

- 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.

- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Early Childhood Education (B - Gr 2) and TESOL (All Grades) (Dual Initial Certification)

{Program Code 23212}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Early Childhood Education must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (POL 2 required and one of the following: ECO 10, ECO 11 or POL 3)
Fine Arts	3 credits (one of the following: ART 1, ART 101, CIN 11, MUS 1, THE 1, ART 5, ART 17, ART 18 or THE 1 required)
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 15 and 16)
Social Sciences	6 credits (either GGR 1 or GGR 2 required and one of the following: ANT 1, GGR 1, GGR 2 or SOC 1)

Some core requirements may be completed as part of the chosen liberal arts and sciences concentration requirements. 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:

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI	15A	Psychological Perspectives: Teaching and Learning	3.00
EDI	16A	Curriculum & Assessment for Pre-Service Teachers	3.00

EDI	40A	Multimodal Approach to Play-Based Early Childhood Curriculum and Instruction	3.00
EDI	41A	Nurturing Young Children's Development: A Multicultural Approach: B-Grade 2	3.00
EDI	42	Multimodal Approach to Play-Based Early Childhood Curriculum and Instruction: K- Grade 2	3.00
EDI	56	Literacy Acquisition for English Language Learners	3.00
EDI	66	Student Teaching, Childhood: K-Grades 1-6	6.00
EDI	625	Observation and Assessment in Early Childhood: B-Grade 2	3.00
EDI	650	Methods and Materials of TESOL	3.00
EDS	45	Teaching Students with Disabilities in Inclusive Classrooms	3.00
EDS	60	Literacy Development: Birth-Grade 6	3.00
EDS	62	Literacy Acquisition for the Classroom Teacher: Birth-Grade 6	3.00
ENG	787	Introduction to Linguistics	3.00

Please note that the TESOL program requires that students take 12 credits of non-English language. **A grade of "C-" or higher is required in all education courses

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

Liberal Arts and Sciences Concentration Requirements

Students must choose a liberal arts and sciences concentration from the following areas: American studies, earth system science, English, French, geography, history, Italian, mathematics,

philosophy, political science, psychology, science, social studies, sociology or Spanish. In addition, students may choose to double major in either English or history 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.

Credit and GPA Requirements

Minimum Total: 126 credits
 Minimum Liberal Arts: 60 credits
 Minimum Major: 36 credits
 Minimum Major GPA: 2.75
 Minimum Overall GPA: 2.50

B.S. Childhood Education (Grades 1-6)

The 120-credit Bachelor of Science degree in Childhood Education prepares you to become a knowledgeable, caring and inspiring teacher of children who are in the first through sixth grades. In pursuing your undergraduate degree, you will examine theories of child development, motivation and learning for youngsters ranging in age from 6 to 12 years old. You will master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As you work toward this degree you will gain an understanding and appreciation of subjects ranging from science to music to language arts. You also will 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. The program will culminate in a semester-long student teaching experience that will allow you to practice your new skills in a classroom setting. This degree qualifies you for New York State Initial Teaching Certification.

This programs requires a concentration in the liberal arts and sciences. You can select from a variety of areas. For more information about the concentrations, see the LIU website.

After you complete all degree requirements, successfully pass New York State Licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Childhood Education (Grades 1-6).

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

The Childhood Education degree is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

ADMISSION REQUIREMENTS

The following are the admission requirements for the B.S. in Childhood Education (Grade 1-6)

- 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.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Childhood Education

{Program Code: 23211

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Early Childhood Education must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (POL 2 required and one of the following: ECO 10, ECO 11 or POL 3)
Fine Arts	3 credits (one of the following: ART 1, ART 101, CIN 11, MUS 1, THE 1, ART 5, ART 17, ART 18 or THE 1 required)
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 15 and 16)
Social Sciences	6 credits (either GGR 1 or GGR 2 required and one of the following: ANT 1, GGR 1, GGR 2 or SOC 1)

Some core requirements may be completed as part of the chosen liberal arts and sciences concentration requirements. 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: (36 credits)

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI	15A	Psychological Perspectives: Teaching and Learning	3.00

EDI	16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI	63	Methods in Teaching Elementary Social Studies	3.00
EDI	64	Student Teaching, Childhood (Grades 1-6)	6.00
EDI	68	Methods in the Teaching of Mathematics in the Elementary School	3.00
EDI	69	Methods in the Teaching of Science in the Elementary School	3.00
EDS	44	Introduction to the Study of the Exceptional Child	3.00
EDS	50	Creating Responsible Inclusive Classrooms	3.00
EDS	60	Literacy Development: Birth Grade 6	3.00
EDS	62	Literacy Assessment for the Classroom Teacher: Birth-Grade 6	3.00

The students are required to do one of the following: a foreign language course, American sign language (SPE 98), or equivalent milestone (with permission from the department chair). **A grade of "C-" or higher is required in all education courses

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

Liberal Arts and Sciences Concentration Requirement

Students must choose a liberal arts and sciences concentration from the following areas: earth system science, English, French, geography, history, Italian, mathematics, philosophy, political science, psychology, science, social studies, sociology or Spanish. In addition, students may choose to double major in either English or history in lieu of the concentration. Please see your advisor for specific course choices. Courses taken as part of a liberal arts and sciences concentration may not be taken on a pass / fail basis.

Credit and GPA Requirements

Minimum Total: 120 credits
 Minimum Liberal Arts: 60 credits
 Minimum Major: 39 credits
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

B.S. Childhood Education and Early Childhood Education (dual initial certification)

The 129-credit Bachelor of Science degree in Childhood Education/Early Childhood Education prepares you to become a knowledgeable, caring and inspiring teacher of childhood and early childhood education from infants and toddlers to children who are in the first through sixth grades.

In pursuing your undergraduate degree, you will examine theories of child development, motivation and learning for youngsters ranging from infants to Grade 6. You will master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As you work toward this degree you will gain an understanding and appreciation of subjects ranging from science to music to language arts. You also will 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. The program will culminate in a semester-long student teaching experience that will allow you to practice your new skills in a classroom setting. This degree qualifies you for two New York State Initial Teaching Certification.

This program requires a concentration in the liberal arts and sciences. You can select from a variety of areas. For more information about the concentrations, see the LIU website.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Childhood and Early Childhood Education . Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Childhood Education/Early Childhood Education dual degree is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

ADMISSION REQUIREMENTS

The following are the admission requirements for the B.S. in Childhood Education (Grade 1-6) and Early Childhood Education program.

- 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.

- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Childhood Education and Early Childhood Education (Dual Initial Certification)

{Program Code: 23211}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Early Childhood Education must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (POL 2 required and one of the following: ECO 10, ECO 11 or POL 3)
Fine Arts	3 credits (one of the following: ART 1, ART 101, CIN 11, MUS 1, THE 1, ART 5, ART 17, ART 18 or THE 1 required)
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 15 and 16)
Social Sciences	6 credits (either GGR 1 or GGR 2 required and one of the following: ANT 1, GGR 1, GGR 2 or SOC 1)

Some core requirements may be completed as part of the chosen liberal arts and sciences concentration requirements. 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:

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI	15A	Psychological Perspectives: Teaching and Learning	3.00

EDI	16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI	40A	Multimodal Approach to Play-based Early Childhood Curriculum and Instruction: B-Pre-school	3.00
EDI	41A	Nurturing Young Children's Development: A Multicultural Approach: B-Grade 2	3.00
EDI	42	Multimodal Approach to Play-based Early Childhood Curriculum and Instruction: K-Grade 2	3.00
EDI	54	Mathematics Content Standards and Pedagogies for Elementary School Students	3.00
EDI	55	Designing and Assessing Mathematics Instruction for Elementary Students	3.00
EDI	56	Literacy Acquisition for English Language Learners	3.00
EDI	63	Methods in Teaching Elementary Social Studies	3.00
EDI	64	Student Teaching, Childhood: Grades 1-6	6.00
EDI	69	Methods in the Teaching of Science in the Elementary School	3.00
EDS	45	Teaching Students with Disabilities in Inclusive Classrooms	3.00
EDS	60	Literacy Development: Birth-Grade 6	3.00
EDS	62	Literacy Assessment for the Classroom Teacher: Birth-Grade 6	3.00

The students are required to do one of the following: a foreign language course, American sign language (SPE 98), or equivalent milestone (with permission from the department chair). **A grade of "C-" or higher is required in all education courses

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

Liberal Arts and Sciences Concentration Requirement

Students must choose a liberal arts and sciences concentration from the following areas: earth system science, English, French, geography, history, Italian, mathematics, philosophy, political science, psychology, science, social studies, sociology or Spanish. In addition, students may choose to double major in either English or history 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.

Credit and GPA Requirements

- Minimum Total: 129 credits
- Minimum Liberal Arts: 60 credits
- Minimum Major: 39 credits
- Minimum Education GPA: 2.75
- Minimum Overall GPA: 2.50

B.S. Childhood Education and Special Education (Gr 1 - 6) (dual initial certification)

The 129-credit Bachelor of Science degree in Childhood Education and Special Education prepares you to become a knowledgeable, caring and inspiring teacher of children with and without disabilities who are in the first through sixth grades.

In pursuing your undergraduate degree, you will examine theories of child development, motivation and learning for youngsters ranging in age from 6 to 12 years old. You will master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As you work toward this degree you will gain an understanding and appreciation of subjects ranging from science to music to language arts. You also will 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. Additionally, teacher candidates receive a vigorous course of study in the assessment and support of students with a variety of special needs. They learn about a variety of educational approaches to special educations as well as practical applications across different educational settings. The program will culminate in a semester-long student teaching experience that will allow you to practice your new skills in a classroom setting. This degree qualifies you for New York State Initial Teaching Certification and

Special Education certification.

The Childhood Education and Special Education major requires a concentration in the liberal arts and sciences. For more information about the concentrations, see the LIU website.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Childhood Education and Special Education. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Childhood Education degree is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

ADMISSION REQUIREMENTS

The following are the admission requirements for the B.S. in Childhood Education (Grade 1-6)

- 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.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Childhood Education and Special Education (Dual Initial Certification)

{Program Code: 23211}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Early Childhood Education must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (POL 2 required and one of the following: ECO 10, ECO 11 or POL 3)
Fine Arts	3 credits (one of the following: ART 1, ART 101, CIN 11, MUS 1, THE 1, ART 5, ART 17, ART 18 or THE 1 required)
History/Philosophy	6 credits

Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 15 and 16)
Social Sciences	6 credits (either GGR 1 or GGR 2 required and one of the following: ANT 1, GGR 1, GGR 2 or SOC 1)

Some Core requirements may be completed as part of the chosen liberal arts and sciences concentration requirements. 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)

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00
EDI 16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI 54	Mathematics Content Standards and Pedagogies for Elementary School Students	3.00
EDI 55	Designing and Assessing Mathematics Instruction for Elementary Students	3.00
EDI 56	Literacy Acquisition for English Language	3.00
EDI 63	Methods in Teaching Elementary Social Studies	3.00
EDI 64	Student Teaching Elementary Social Studies	6.00
EDI 69	Methods in the Teaching of Science in the Elementary School	3.00
EDS 45	Teaching Students with Disabilities	3.00
EDS 60	Literacy Development: Birth-Grade 6	3.00
EDS 62	Literacy Assessment for the Classroom Teacher: Birth-Grade 6	3.00
EDS 600	Introduction to the Study of the Exceptional Child and Adolescent	3.00

EDS 630	Curriculum and Assessment and Instruction of Students with Mild Disabilities	3.00
EDS 632	Introduction and Classroom Management for Children and Adolescents with Emotional and Behavioral Problems	3.00

The students are required to do one of the following: a foreign language course, American sign language (SPE 98), or equivalent milestone (with permission from the department chair). **A grade of "C-" or higher is required in all education courses

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

Liberal Arts and Sciences Concentration Requirement

Students must choose a liberal arts and sciences concentration from the following areas: American studies, earth system science, English, French, geography, history, Italian, mathematics, philosophy, political science, psychology, science, social studies, sociology or Spanish. In addition, students may choose to double major in either English or history 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.

Credit and GPA Requirements

Minimum Total: 129 credits
 Minimum Liberal Arts: 60 credits
 Minimum Major: 39 credits
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

B.S. Childhood Education (Gr 1-6) and TESOL All Grades (dual initial certification)

The 132-credit Bachelor of Science degree in Childhood Education and TESOL prepares you to become a knowledgeable, caring and inspiring teacher of general education and English as a

second language for children who are in the first through sixth grades.

In pursuing your undergraduate degree, you will examine theories of child development, motivation and learning for youngsters ranging in age from 6 until 12 years of age. You will master the skills needed to encourage students to learn new material and to take responsibility for themselves and one another. As you work toward this degree you will gain an understanding and appreciation of subjects ranging from science to music to language arts. You also will acquire techniques to assess and evaluate a child's intellectual, social and physical development, and you will learn the basic principles of classroom management for a diverse student population. The program will culminate in a semester-long student teaching experience that will allow you to practice your new skills in classroom settings. This degree qualifies you for two New York State initial teaching certifications.

This program requires a concentration in the liberal arts and sciences. You can select from a variety of areas. For more information about the concentrations, see the LIU website. After you complete all degree requirements, successfully pass New York State Licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Early Childhood Education and TESOL. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Childhood Education and TESOL degree is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

ADMISSION REQUIREMENTS

The following are the admission requirements for the B.S. in Childhood Education (Grade 1-6) and TESOL All Grades (Dual Initial Certification)

- 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.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Childhood Education (Gr 1-6) and TESOL (all grades) (Dual Initial Certification)

{Program Code: 23211}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Early Childhood Education must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (POL 2 required and one of the following: ECO 10, ECO 11 or POL 3)
Fine Arts	3 credits (one of the following: ART 1, ART 101, CIN 11, MUS 1, THE 1, ART 5, ART 17, ART 18 or THE 1 required)
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	12 credits
Mathematics	6 credits (MTH 15 and 16)
Social Sciences	6 credits (either GGR 1 or GGR 2 required and one of the following: ANT 1, GGR 1, GGR 2 or SOC 1)

Some core requirements may be completed as part of the chosen liberal arts and sciences concentration requirements. 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: (51 credits)

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00
EDI 16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI 54	Mathematics Content Standards and Pedagogies for Elementary School Students	3.00
EDI 55	Designing and Assessing Mathematics Instruction for Elementary Students	3.00
EDI 56	Literacy Acquisition for English Language Learners	3.00

EDI 63	Methods in Teaching Elementary Social Studies	3.00
EDI 64	Student Teaching, Childhood Education: Grades 1-6	6.00
EDI 69	Methods in the Teaching of Science in the Elementary School	3.00
EDI 650	Methods and Materials of TESOL	3.00
ENG 787	Introduction to Linguistics	3.00
EDS 45	Teaching Students with Disabilities in Inclusive Classrooms	3.00
EDS 60	Literacy Development: Birth-Grade 6	3.00
EDS 62	Literacy Assessment for the Classroom Teacher: Birth-Grade 6	3.00

Please note that the TESOL program requires that students take 12 credits of non-English language.

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

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

Liberal Arts and Sciences Concentration Requirement

Students must choose a liberal arts and sciences concentration from the following areas: earth system science, English, French, geography, history, Italian, mathematics, philosophy, political science, psychology, science, social studies, sociology or Spanish. In addition, students may choose to double major in either English or history 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.

Credit and GPA Requirements

Minimum Total: 132 credits
 Minimum Liberal Arts: 60 credits
 Minimum Major: 39 credits
 Minimum Education GPA: 2.75

Minimum Overall GPA: 2.50

B.S. Adolescence Education (Grades 7-12)

The Adolescence Education undergraduate program prepares you to teach students in grades 7 to 12.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial Teaching Certification by the New York State Department of Education (NYSED) in Adolescence (Grades 7-12). Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

The Adolescence Education major requires a concentration in the liberal arts and sciences. You can select from one of the following areas of study:

- Biology
- Chemistry
- Earth Science
- English
- French
- Italian
- Mathematics
- Social Studies
- Spanish

B.S. Adolescence Education: Biology (Grades 7-12)

The 120-credit Bachelor of Science program in Adolescence Education: Biology prepares a new generation of biology teachers to cultivate and enhance student success in biology comprehension and application. This program equips you with the skills, knowledge and foundation to motivate middle and high school students at various skill levels to learn the fundamentals of science, the environment, living organisms, experimentation and research. The program includes supervised practice teaching in actual classrooms at two grade levels (7 to 9 and 10 to 12), allowing you to observe certified teachers, interact with students, and understand the adolescent mindset as it relates to biology.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the

New York State Department of Education (NYSED) in the Adolescence Education: Biology program. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education: Biology is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

BIOLOGY CONCENTRATION

As a biology education major, you will be prepared to introduce the science of living organisms to students in grades 7 to 12. You will study the cellular and molecular mechanisms underlying processes fundamental to all life: energy utilization, growth, development and reproduction. You will explore the evolutionary and ecological principles that govern the interaction of all living things, including such topics as population growth, natural selection, animal behavior and food webs. You will learn how to read and interpret scientific papers, how knowledge is acquired and presented in the laboratory sciences, and how to communicate such knowledge to young students. In addition to a thorough grounding in the life sciences, you will strengthen your understanding of the disciplines that play a crucial role in biological investigations: math, chemistry and physics. To learn more about our programs and faculty, visit the Department of Biology website at www.liu.edu/cwpost/biology.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Adolescence Education: Biology

{Program Code}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: Biology must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits

History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 103 and 104)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Biology Courses

All of the following:

BIO 103	General Biology I	4.00
BIO 104	General Biology II	4.00
BIO 105	Research Methods I	1.00
BIO 107	Genetics	4.00
BIO 108	Cell Biology	4.00
BIO 109	Ecology	4.00
BIO 110	Evolution	4.00
BIO 111	Capstone Seminar	1.00

AND one of the following:

BIO 85	Literacy in the Experimental Sciences	3.00
CHM 86	Literacy in the Experimental Sciences	3.00
ERS 85	Literacy in the Experimental Sciences	3.00

Required Biology Research Course

One of the following:

BIO 298	Undergraduate Research I	2.00
BIO 385	Honors Tutorial	3.00
BIO 386	Honors Tutorial	3.00

Required Education Courses**

All of the following: (30 credits)

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00
EDI 16A	Curriculum and Assessment for Pre-Service Teachers	3.00
EDI 17	Psychology and Developmental of the Adolescent	3.00
EDI 35	General Methods of Teaching Secondary Education	3.00

EDI 35A	Methods and Materials in Teaching a Specific Subject in Grades 7-12 Science	3.00
EDI 38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
EDS 44	Introduction to the Study of the Exceptional Child	3.00
EDS 75A	Literary Assessment and Instruction for Diverse Classroom Populations Grades 5-12	3.00

The students are required to do one of the following: a foreign language course, American sign language (SPE 98), or equivalent milestone (with permission from the department chair). **A grade of "C-" or higher is required in all education courses

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

Required Co-Related Courses

All of the following: (24 credits)

CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
ERS 1	Earth Science I	4.00
MTH 7	Calculus and Analytic Geometry I	4.00
MTH 8	Calculus and Analytic Geometry II	4.00
PHY 3	University Physics I	4.00

Credit and GPA Requirements

Minimum Total: 120 credits
 Minimum Liberal Arts: 60 credits
 Minimum Biology: 31 credits
 Minimum Biology GPA: 2.75
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

B.S. Adolescence Education: Chemistry (Grades 7-12)

LIU Post is proud to be a leader in producing

quality chemistry teachers. It takes a highly skilled individual with the right combination of scientific know-how, communication, motivation and a passion for nurturing young minds to teach the diverse subject of chemistry to the teenage population.

The 120-credit Bachelor of Science program in Adolescence Education: Chemistry prepares a new generation of teachers to cultivate and enhance student success in chemistry. This program equips you with the skills, knowledge and foundation to motivate middle and high school students at various skill levels to learn the fundamentals of organic chemistry, biochemistry, physical chemistry and inorganic chemistry. The program includes supervised practice teaching in actual classrooms at two grade levels (7 to 9 and 10 to 12), allowing you to observe licensed teachers, interact with students, and understand the adolescent mindset as it relates to chemistry. Chemistry education majors also participate in an exciting one-year research project, where they work closely with a faculty member to investigate a subject (or topic) relevant to the faculty member's research interests. This hands-on application of the scientific process provides graduates with excellent preparation to serve as a skilled advisor to national science competitions.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in the Adolescence Education: Chemistry program. Please refer to the NYSED certification website

(www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education: Chemistry is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Adolescence Education:

Chemistry

{Program Code: 23177}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: Chemistry must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (CHM 3 and 4)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Chemistry Courses

All of the following:

CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
CHM 5	Inorganic Chemistry	2.00
CHM 30	Searching the Chemical Literature	1.00
CHM 37	Quantitative Analysis	4.00
CHM 55	Physical Chemistry I	4.00
CHM 71	Basic Biochemistry	4.00

AND one of the following:

BIO 85	Literacy in the Experimental Sciences	3.00
CHM 86	Literacy in the Experimental Sciences	3.00
ERS 85	Literacy in the Experimental Sciences	3.00

AND one of the following options:

CHM 25	Basic Organic Chemistry	4.00
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OR

CHM 21	Organic Chemistry I	4.00
CHM 22	Organic Chemistry II	4.00

Required Research Courses

One of the following:

CHM 93	Chemical Research I	2.00
CHM 385	Honors Tutorial	3.00
CHM 386	Honors Tutorial	3.00

AND one of the following:

CHM 94	Chemical Research II	2.00
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CHM 389	Honors Thesis	3.00
CHM 390	Honors Thesis	3.00

Required Education Courses**

All of the following:

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00
EDI 16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI 17	Psychology and Developmental of the Adolescent	3.00
EDI 35	General Methods of Teaching Secondary Education	3.00
EDI 35A	Methods and Materials in Teaching a Specific Subject in Grades 7-12 Science	3.00
EDI 38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
EDS 44	Introduction to the Study of the Exceptional Child	3.00
EDS 75A	Literacy, Assessment and Instruction for Diverse Classroom Populations Grades 5-12	3.00

The students are required to do one of the following: a Foreign language course, American Sign Language (SPE 98), or Equivalent milestone (with permission from the department chair).
****A grade of "C-" or higher is required in all education courses

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

Required Co-Related Courses

All of the following:

MTH	7	Calculus and Analytic Geometry I	4.00
MTH	8	Calculus and Analytic Geometry II	4.00
PHY	3	University Physics I	4.00
PHY	4	University Physics II	4.00

Credit and GPA Requirements

Minimum Total: 120 credits
 Minimum Liberal Arts: 60 credits
 Minimum Chemistry: 34 credits
 Minimum Chemistry GPA: 2.75
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

B.S. Adolescence Education: Earth Science (Grades 7-12)

The 120-credit Bachelor of Science program in Adolescence Education: Earth Science prepares a new generation of teachers to cultivate and enhance student success in earth science comprehension and application. This program equips you with the skills, knowledge and foundation to motivate middle and high school students at various skill levels to learn the fundamentals of science, experimentation, research and the environment. The program includes supervised practice teaching in actual classrooms at two grade levels (7 to 9 and 10 to 12), allowing you to observe certified teachers, interact with students, and understand the adolescent mindset as it relates to earth science.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Adolescence Education: Earth Science program. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education: Earth Science is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review.

If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Adolescence Education: Earth Science

{Program Code: 23171}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: Earth Science must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (AST 9, 9A, 10 and 10A)
Language/Literature	6 credits
Mathematics	4 credits (MTH 3)
Social Sciences	6 credits (GGR 1 and 2)

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Earth Science Courses

All of the following:

AST	9	Introductory Astronomy I	3.00
AST	9A	Introductory Astronomy I Laboratory	1.00
AST	10	Introductory Astronomy II	3.00
AST	10A	Introduction Astronomy II Laboratory	1.00
ERS	1	Earth Science I	4.00
GLY	2	History of the Earth	4.00

AND one of the following Meteorology courses:

ERS	12	Meteorology	3.00-4.00
GGR	12	Meteorology	3.00-4.00

AND one of the following courses:

ERS	2	Earth Science II	4.00
GLY	1	The Dynamic Earth	4.00

AND one of the following:

BIO	85	Literacy in the Experimental Sciences	3.00
CHM	86	Literacy in the Experimental Sciences	3.00
ERS	85	Literacy in the Experimental Sciences	3.00

Elective Earth Science Courses

At least two courses/six credits from all ERS or GLY courses numbered 10 or above excluding ERS 12, 301, 302 and GLY 301, 302

Required Education Courses**

All of the following:

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI	15A	Psychological Perspectives: Teaching and Learning	3.00
EDI	16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI	17	Psychology and Developmental of the Adolescent	3.00
EDI	35	General Methods of Teaching Secondary Education	3.00
EDI	35A	Methods and Materials in Teaching a Specific Subject in Grades 7-12 Science	3.00
EDI	38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
EDS	44	Introduction to the Study of the Exceptional Child	3.00
EDS	75A	Literacy Assessment and Instruction for Diverse Classroom Populations Grades 5-12	3.00

The students are required to do one of the following: a Foreign language course, American Sign Language (SPE 98), or Equivalent milestone (with permission from the department chair). **A grade of "C-" or higher is required in all education courses

Required Co-Related Courses

All of the following:

CHM	3	Principles of Chemistry I	4.00
GGR	1	Human Geography: Man, Environment and Technology	3.00
GGR	2	Human Geography: The Cultural and Demographic Environment	3.00
MTH	3	College Algebra and Trigonometry	4.00

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 Liberal Arts: 60 credits
 Minimum Earth Science: 30 credits
 Minimum Earth Science GPA: 2.75
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

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

Mastering English is essential to success in today’s world. The 120-credit Bachelor of Science program in Adolescence Education: English prepares a new generation of English teachers to help students read, 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.

The program includes supervised practice teaching in actual classrooms at two grade levels (7 to 9 and 10 to 12), allowing you to observe certified teachers, interact with students, and understand the adolescent mindset as it relates to the English language. This CAEP-accredited program will equip you to teach the great literature of the past and the works of the most acclaimed contemporary writers, and to strengthen students’ comprehension and communication skills.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Adolescence Education: English program. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education: English is a joint program between LIU Post’s College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post’s Department of Curriculum and Instruction

are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

ENGLISH CONCENTRATION

The Department of English offers courses in three broad areas: writing, linguistics and literature. Offerings in literature, taught by award-winning professors, cover English and American literature and a wide range of literature in translation. Through the education classes you will develop problem-solving and teaching strategies that can reach adolescents at any grade and ability level. Many courses are writing-intensive to help you hone your own English proficiency. Student teaching requirements provide prospective teachers with closely supervised off-campus experiences, including observing and working with adolescents in local-area public and private schools. To learn more about our programs and facilities, visit the Department of English website: www.liu.edu/CWPost/English.

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.
- Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Adolescence Education: English
{Program Code: 23176}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: English must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required English Courses

All of the following:

ENG 3	Grammar and the Structure of English	3.00
ENG 10	Introduction to Literature	3.00

ENG 85	Disciplinary Literacy in English	3.00
ENG 151	Survey of American Writers to the Civil War	3.00
ENG 251	American Writers Since the Civil War	3.00

Required English Literature Course
One of the following:

ENG 11	British Literature: Survey Medieval, Renaissance, Neo-Classical	3.00
ENG 12	British Literature II: Survey Romantic, Victorian, Modern	3.00

Required Shakespeare Course
One of the following:

ENG 21	Shakespeare: Comedies and Histories, Non-Dramatic Poetry	3.00
ENG 22	Shakespeare: Tragedies and Romances	3.00

Elective English Literature Courses
American Literature

One of the following:

ENG 29	Edward Albee	3.00
ENG 105	Native American Literature	3.00
ENG 108	African-American Literature of the Twentieth Century	3.00
ENG 109	American Slave Narratives	3.00
ENG 110	The Black Diaspora: African-American Literature in Context	3.00
ENG 152	The American Novel	3.00
ENG 153	Contemporary American Drama	3.00
ENG 154	American Poetry	3.00
ENG 155	O’Neill, Miller, Williams: Forces in Modern American Drama	3.00
ENG 156	Irish-American Fiction	3.00
ENG 157	American Modernism and the Art of Making it New	3.00
ENG 158	Freak Shows and the Modern American Imagination	3.00
ENG 159	Bodies on Display: Perspectives on the Body in American Culture from the 19th Century to the Present	3.00

ENG 160	Hawthorne and James: From Romance to Realism	3.00	ENG 78	The English Novel: Nineteenth and Twentieth Centuries	3.00	ENG 155	O'Neill, Miller, Williams: Forces in Modern American Drama	3.00
ENG 161	Melville	3.00	ENG 102	African Postcolonial Literature	3.00	ENG 156	Irish-American Fiction	3.00
ENG 162	American Autobiography	3.00	ENG 103	Irish Literary Renaissance	3.00	ENG 157	American Modernism and the Art of Making it New	3.00
ENG 163	Literature of New York	3.00	ENG 104	History of Irish Literature	3.00	ENG 158	Freak Shows and the Modern American Imagination	3.00
ENG 164	American Drama	3.00	ENG 105	Native American Literature	3.00	ENG 159	Bodies on Display: Perspectives on the Body in American Culture from the 19th Century to the Present	3.00
ENG 165	American Colonial Literature	3.00	ENG 107	Postcolonial Literature	3.00	ENG 160	Hawthorne and James: From Romance to Realism	3.00
Genre or Period of Literature			ENG 108	African-American Literature of the Twentieth Century	3.00	ENG 162	American Autobiography	3.00
One of the following:			ENG 109	American Slave Narratives	3.00	ENG 163	Literature of New York	3.00
ENG 7	World Literature I: From Antiquity to the Renaissance	3.00	ENG 110	The Black Diaspora: African-American Literature in Context	3.00	ENG 164	American Drama	3.00
ENG 8	World Literature II: From the Enlightenment to the Present	3.00	ENG 111	The English Renaissance	3.00	ENG 165	American Colonial Literature	3.00
ENG 13	The Short Story	3.00	ENG 112	Modern British Literature	3.00	Writing		
ENG 15	Modern Drama	3.00	ENG 113	The Eighteenth-Century English Novel	3.00	One of the following:		
ENG 16	The Modern Novel	3.00	ENG 114	The Nineteenth-Century English Novel	3.00	ENG 181	The Art of Expository Writing	3.00
ENG 17	Modern Poetry	3.00	ENG 115	The World Novel in English	3.00	ENG 182	Introduction to Creative Writing	3.00
ENG 19	Early English Literature: From the Beginnings to 1485	3.00	ENG 116	W.B. Yeats: Poet in a Revolutionary Time	3.00	ENG 183	Creative Non-Fiction	3.00
ENG 21	Shakespeare: Comedies and Histories, Non-Dramatic Poetry	3.00	ENG 131	Small World: Literature of the Academic Life	3.00	ENG 184	Writing and Healing	3.00
ENG 22	Shakespeare: Tragedies and Romances	3.00	ENG 133	Eighteenth-Century Writers on Writing	3.00	ENG 185	Theories of Writing and Composing	3.00
ENG 24	Renaissance Drama	3.00	ENG 134	Byron and His Revolutionary Circle	3.00	ENG 186	Writing in a Digital Age: Multimodal Rhetoric and Composition	3.00
ENG 27	The Life and Fiction of Charles Dickens	3.00	ENG 135	Renaissance and Revolution: The Making of the Modern World	3.00	ENG 187	Editing and Professional Writing	3.00
ENG 32	Contemporary Literature	3.00	ENG 136	The Victorian Rebels	3.00	ENG 188	Writing in the Workplace: The Rhetoric of Professional Communication	3.00
ENG 35	Childhood and Literature	3.00	ENG 137	Magic Realism	3.00	ENG 189	Experimental Fiction Writing	3.00
ENG 36	Adolescent Literature	3.00	ENG 138	Gender, Sexuality and Literature	3.00	ENG 190	Writing with Sound	3.00
ENG 41	The Art of Poetry	3.00	ENG 139	Gender and the English Language	3.00	ENG 191	Reading and Writing Comics	3.00
ENG 42	The Art of Autobiography	3.00	ENG 140	The Bloomsbury Group	3.00	ENG 192	Technical Writing	3.00
ENG 49	English Drama	3.00	ENG 152	The American Novel	3.00	ENG 193	Writing Young Adult Fiction	3.00
ENG 50	Great Plays	3.00	ENG 153	Contemporary American Drama	3.00	Diversity		
ENG 51	Greek Drama	3.00	ENG 154	American Poetry	3.00	One of the following:		
ENG 52	The Bible as Literature	3.00				ENG 68	Mythology	3.00
ENG 54	Eighteenth-Century Literature and Life	3.00						
ENG 55	The Romantic Period	3.00						
ENG 58	The Victorian Period	3.00						
ENG 67	Classical Literature in Translation	3.00						
ENG 68	Mythology	3.00						

ENG 102	African Postcolonial Literature	3.00
ENG 103	Irish Literary Renaissance	3.00
ENG 104	History of Irish Literature	3.00
ENG 105	Native American Literature	3.00
ENG 107	Postcolonial Literature	3.00
ENG 108	African-American Literature of the Twentieth Century	3.00
ENG 109	American Slave Narratives	3.00
ENG 110	The Black Diaspora: African-American Literature in Context	3.00
ENG 115	The Twentieth- and Twenty-First Century Novel in English	3.00
ENG 131	Small World: Literature of the Academic Life	3.00
ENG 137	Magic Realism	3.00
ENG 138	Gender, Sexuality and Literature	3.00
ENG 139	Gender and the English Language	3.00
ENG 141	The Literature of the Working Class	3.00
ENG 156	Irish American Fiction	3.00
ENG 163	The Literature of New York	3.00

ENG 25, 44, 47, 48, 95, 100, 359 and 360 may be used to satisfy the above areas based on the chosen topic. Please see your advisor for more information.

Required Undergraduate Upper-Level English Course

One course/three credits from all ENG 100-level, 200-level (excluding ENG 207), 359, 360, 389 or 390.

As part of the requirements for this degree, students must complete an e-portfolio.

Required Education Courses**

All of the following:

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00
EDI 16A	Curriculum and Assessment for Pre-service Teachers	3.00

EDI 17	Psychology and Developmental of the Adolescent	3.00
EDI 35	General Methods of Teaching Secondary Education	3.00
EDI 35B	Methods and Materials in Teaching a Specific Subject in Grades 7-12 English	3.00
EDI 38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
EDS 44	Introduction to the Study of the Exceptional Child	3.00
EDS 75A	Literacy Assessment and Instruction for Diverse Classroom Populations Grades 5-12	3.00

The students are required to do one of the following: a foreign language course, American sign language (SPE 98), or equivalent milestone (with permission from the department chair). **A grade of "C-" or higher is required in all education courses

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 Liberal Arts: 60 credits
 Minimum English: 36 credits
 Minimum English GPA: 2.75
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

B.S. Adolescence Education: French (Grades 7-12)

The 120-credit Bachelor of Science program in Adolescence Education: French prepares a new generation of French teachers to cultivate and enhance student success in French language and culture. This program equips you with the skills, knowledge and foundation to motivate middle and high school students at various skill levels to learn the fundamentals of language comprehension,

vocabulary and linguistic expression through oral and written skills. The program includes supervised practice teaching in actual classrooms at two grade levels (7 to 9 and 10 to 12), allowing you to observe licensed teachers and interact with the teenage student population.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Adolescence Education: French program. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education: French is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

FRENCH CONCENTRATION

As a French education major, you will be equipped to open the minds of young people to the riches of one of the world's great civilizations. Your courses will range from a complete review of French grammar and syntax to intensive exercises aimed at developing good communication skills in both writing and speaking French. You will have an opportunity to explore some of the masterpieces of French literature, such as the chansons of medieval troubadours, the 17th century plays of Corneille, Racine and Moliere, the enduring prose of Montesquieu, Voltaire, Balzac and Flaubert, the ground-breaking poetry of Baudelaire and Rimbaud, and the most important works of 20th century authors like Gide, Beckett, Malraux, Proust, Sartre and Camus. You also will learn how to help young students deepen their understanding of French culture and appreciate its profound influence on other cultures throughout the world, including our own.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Adolescence Education: French
{Program Code: 23170}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: French must satisfy all core curriculum requirements as follows:

POST 101 1 credit

First-Year Composition 6 credits

Economics/Political Science 6 credits

Fine Arts 3 credits

History/Philosophy 6 credits

Laboratory Science 8 credits

Language/Literature 6 credits

Mathematics 3 - 4 credits

Social Sciences 6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required French Language and Literature Courses

All of the following:

FRE 3 Intermediate French I 3.00

FRE 4 Intermediate French II 3.00

FRE 23 Advanced French Grammar and Composition I 3.00

FRE 24 Advanced French Grammar and Composition II 3.00

FRE 85 Disciplinary Literacy in French 3.00

Elective French Language and Literature Courses

Six courses/eighteen credits from all FRE courses numbered 11 through 49, 99, 385, 386, 389, 390. One WLT course may be used to satisfy this requirement (excluding WLT 7, 8 and 20 through 24).

Required Second Language Courses

Four courses/twelve credits from one of the following languages:

German

GER 1 Elementary German I 3.00

GER 2 Elementary German II 3.00

GER 3 Intermediate German I 3.00

GER 4 Intermediate German II 3.00

GER 11 Introduction to German Literature 3.00

GER 12 Survey of German Literature 3.00

Hebrew

HEB 1 Elementary Modern Hebrew I 3.00

HEB 2 Elementary Modern Hebrew II 3.00

HEB 3 Intermediate Modern Hebrew I 3.00

HEB 4 Intermediate Modern Hebrew II 3.00

Italian

ITL 1 Elementary Italian I 3.00

ITL 2 Elementary Italian II 3.00

ITL 3 Intermediate Italian I 3.00

ITL 4 Intermediate Italian II 3.00

ITL 11 Selected Readings in Early Italian Literature 3.00

ITL 12 Selected Readings in Modern and Contemporary Italian Literature 3.00

Japanese

JPN 1 Elementary Japanese I 3.00

JPN 2 Elementary Japanese II 3.00

JPN 3 Intermediate Japanese I 3.00

JPN 4 Intermediate Japanese II 3.00

Russian

RUS 1 Elementary Russian I 3.00

RUS 2 Elementary Russian II 3.00

RUS 3 Intermediate Russian I 3.00

RUS 4 Intermediate Russian II 3.00

Spanish

SPA 1 Elementary Spanish I 3.00

SPA 2 Elementary Spanish II 3.00

SPA 3 Intermediate Spanish I 3.00

SPA 4 Intermediate Spanish II 3.00

SPA 11 Introduction to Peninsular Literature 3.00

SPA 12 Introduction to Spanish-American Literature 3.00

Required Education Courses**

All of the following:

EDI 14 Historical, Philosophical and Sociological Foundations of Education 3.00

EDI 15A Psychological Perspectives: Teaching and Learning 3.00

EDI 16A Curriculum and Assessment for Pre-service Teachers 3.00

EDI 17 Psychology and Developmental of the Adolescent 3.00

EDI 35 General Methods of Teaching Secondary Education 3.00

EDI 35F Methods and Materials in Teaching a Specific Subject in Grades 7-12 Foreign Language 3.00

EDI 38 Supervised Student Teaching in Adolescence Education (Grades 7-12). 6.00

EDS 44 Introduction to the Study of the Exceptional Child 3.00

EDS 75A Lit Assess & Inst Clsrm Tch 5-12 3.00

The students are required to do one of the following: a Foreign language course, American Sign Language (SPE 98), or Equivalent milestone (with permission from the department chair). **A grade of "C-" or higher is required in all education courses

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

B.S. Adolescence Education: French

Credit and GPA Requirements

Minimum Total: 120 credits

Minimum Liberal Arts: 64 credits

Minimum French: 33 credits

Minimum French GPA: 2.75

Minimum Education GPA: 2.75

Minimum Overall GPA: 2.50

B.S. Adolescence Education:

Italian (Grades 7-12)

The 120-credit Bachelor of Science program in Adolescence Education: Italian prepares a new generation of Italian teachers to cultivate and enhance student success in Italian language and culture. This program equips you with the skills, knowledge and foundation to motivate middle and high school students at various skill levels to learn the fundamentals of language comprehension, vocabulary and linguistic expression through oral

and written skills. The program includes supervised practice teaching in actual classrooms at two grade levels (7 to 9 and 10 to 12), allowing you to observe licensed teachers and interact with the teenage student population.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Adolescence Education: Italian program. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education: Italian is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

ITALIAN CONCENTRATION

As an Italian education major, you will be prepared to guide young people through the practical knowledge of the Italian language and a deeper appreciation of Italian culture. You will examine the literary, geographical, intellectual, political and aesthetic developments of northern Italy and the Italian peninsula from medieval times through the 20th century. You will have an opportunity to take an in-depth look at three early Italian masters: Dante, Petrarca (Petrarch) and Boccaccio, and to explore the historical, social and economic forces that underpin contemporary Italian society, including the role that regional differences play in shaping national character. With a thorough grounding in Italian grammar and syntax and the close study of characteristic texts, you will learn how to communicate to students the fundamental concepts of reading, writing, listening and speaking in Italian.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Adolescence Education: Italian

{Program Code: 23175}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: Italian must satisfy all core curriculum

requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Italian Language and Literature Courses

All of the following:

ITL 3	Intermediate Italian I	3.00
ITL 4	Intermediate Italian II	3.00
ITL 23	Advanced Italian Grammar and Composition I	3.00
ITL 24	Advanced Italian Grammar and Composition II	3.00
ITL 85	Disciplinary Literacy in Italian	3.00

Elective Italian Language and Literature Courses

Six courses/eighteen credits from all ITL courses numbered 11 through 49, 99, 385, 386, 389, 390. One WLT course may be used to satisfy this requirement (excluding WLT 7, 8 and 20 through 24).

Required Second Language Courses

Four courses/twelve credits from one of the following languages:

French

FRE 1	Elementary French I	3.00
FRE 2	Elementary French II	3.00
FRE 3	Intermediate French I	3.00
FRE 4	Intermediate French II	3.00
FRE 11	Introduction to French Literature I	3.00
FRE 12	Introduction to French Literature II	3.00

German

GER 1	Elementary German I	3.00
GER 2	Elementary German II	3.00
GER 3	Intermediate German I	3.00

GER 4	Intermediate German II	3.00
Hebrew		
HEB 1	Elementary Modern Hebrew I	3.00
HEB 2	Elementary Modern Hebrew II	3.00
HEB 3	Intermediate Modern Hebrew I	3.00
HEB 4	Intermediate Modern Hebrew II	3.00

Japanese

JPN 1	Elementary Japanese I	3.00
JPN 2	Elementary Japanese II	3.00
JPN 3	Intermediate Japanese I	3.00
JPN 4	Intermediate Japanese II	3.00

Russian

RUS 1	Elementary Russian I	3.00
RUS 2	Elementary Russian II	3.00
RUS 3	Intermediate Russian I	3.00
RUS 4	Intermediate Russian II	3.00

Spanish

SPA 1	Elementary Spanish I	3.00
SPA 2	Elementary Spanish II	3.00
SPA 3	Intermediate Spanish I	3.00
SPA 4	Intermediate Spanish II	3.00
SPA 11	Introduction to Peninsular Literature	3.00
SPA 12	Introduction to Spanish-American Literature	3.00

Required Education Courses**

All of the following:

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00
EDI 16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI 17	Psychology and Developmental of the Adolescent	3.00
EDI 35	General Methods of Teaching Secondary Education	3.00
EDI 35F	Methods and Materials in Teaching a Specific Subject in Grades 7-12 Foreign Language	3.00

EDI	38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
EDS	44	Introduction to the Study of the Exceptional Child	3.00
EDS	75A	Literacy Assessment and Instruction for Diverse Classroom Populations Grade 5-12	3.00

The students are required to do one of the following: a Foreign language course, American Sign Language (SPE 98), or Equivalent milestone (with permission from the department chair). **A grade of "C-" or higher is required in all education courses

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 Liberal Arts: 60 credits
 Minimum Italian: 33 credits
 Minimum Italian GPA: 2.75
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

B.S. Adolescence Education: Mathematics (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 you 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. The program includes supervised practice teaching in actual classrooms at two grade levels (7 to 9 and 10 to 12), allowing you to observe licensed teachers, interact with students, and understand the adolescent mindset as it relates to mathematics.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you

will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Adolescence Education: Mathematics program. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education: Mathematics is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

MATHEMATICS CONCENTRATION

As a mathematics education major, you will strengthen your knowledge of geometry, algebra, calculus, sets, probability and the fundamentals of mathematical and logical thinking. Through the program, you will acquire skills in problem solving and teaching strategies that can actively engage students in learning mathematics with texts of varying content level and difficulty.. To learn more about our programs and facilities, visit the Department of Mathematics website: www.liu.edu/CWPost/Math.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Adolescence Education:

Mathematics

{Program Code: 23173}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: Mathematics must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (PHY 3 and 4)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

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:

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	25	Literacy in Mathematics	3.00
MTH	51	Probability	3.00
MTH	71	Algebraic Structures	3.00
MTH	73	Fundamental Concepts of Geometry	3.00

AND one of the following

MTH	90	Mathematics Seminar	1.00
MTH	389	Honors Thesis	3.00
MTH	390	Honors Thesis	3.00

Elective Mathematics Courses

At least two courses/six credits of the following:

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	81	Topology	3.00
MTH	82	Numerical Analysis	3.00
MTH	83	Complex Analysis	3.00
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
MTH	385	Honors Tutorial	3.00
MTH	386	Honors Tutorial	3.00

Required Education Courses**

All of the following:

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI	15A	Psychological Perspectives: Teaching and Learning	3.00
EDI	16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI	17	Psychology and Developmental of the Adolescent	3.00
EDI	35	General Methods of Teaching Secondary Education	3.00
EDI	35C	Methods and Materials in Teaching a Specific Subject in Grades 7-12 Mathematics	3.00
EDI	38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
EDS	44	Introduction to the Study of the Exceptional Child	3.00
EDS	75A	Literacy Assessment and Instruction for Diverse Classroom Populations Grades 5-12	3.00

The students are required to do one of the following: a foreign language course, American sign language (SPE 98), or wquivalent milestone (with permission from the department chair).

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

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

Required Co-Related Courses

All of the following:

CS	101	Introduction to Computers and Programming	3.00
PHY	3	University Physics I	4.00
PHY	4	University Physics II	4.00

Credit and GPA Requirements

Minimum Total: 120 credits
 Minimum Liberal Arts: 60 credits
 Minimum Mathematics: 37 credits
 Minimum Mathematics GPA: 2.75
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

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

The 120-credit Bachelor of Science program in Adolescence Education: Social Studies prepares a new generation of social studies teachers to cultivate and enhance student success. This program equips you 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. The program includes supervised practice teaching in actual classrooms at two grade levels (7 to 9 and 10 to 12), allowing you to observe certified teachers, interact with students, and understand the adolescent mindset as it relates to social studies.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Adolescence Education: Social Studies program. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education: Social Studies is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

SOCIAL STUDIES CONCENTRATION

As a social studies teacher, you will 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. Courses in the Bachelor of Science 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. Students 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.

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.
- Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Adolescence Education: Social Studies

(Program Code: 23172)

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: Social Studies must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Social Studies Courses

All of the following:

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00

AND two of the following:

HIS	1	The West and the World to 1750	3.00
HIS	2	The West and the World Since 1750	3.00
HIS	3	American Civilization to 1877	3.00
HIS	4	American Civilization Since 1877	3.00
HIS	7	Roots of the Modern World	3.00

HIS	8	Roots of the Modern World: Wars and Revolutions	3.00
HIS	9	Roots of the Modern World: Migrations	3.00
HIS	10	Roots of the Modern World: Religion	3.00
HIS	11	Roots of the Modern World: Nature	3.00
HIS	12	Roots of the Modern World: Gender	3.00
HIS	13	Roots of the Modern World: Science	3.00
HIS	14	Roots of the Modern World: Empires and Nations	3.00

AND one of the following:

ECO	95	Literacy in the Social Sciences	3.00
GGR	85	Literacy in the Social Sciences	3.00
HIS	95	Literacy in the Social Sciences	3.00
HIS	197	Sophomore Seminar in Historical Methods	3.00
POL	95	Literacy in the Social Sciences	3.00
SOC	95	Literacy in the Social Sciences	3.00

Elective Social Studies Courses

Economics

Two courses/six credits from all ECO courses excluding ECO 11, 12, 95, 303 and 304

Geography

Two courses/six credits from all GGR courses excluding GGR 85

History

Four courses/twelve credits from all HIS courses excluding HIS 1, 2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 14, 95, 197, 198, 303 and 304

Political Science

Two courses/six credits from all POL courses excluding POL 2, 3 and 95

Sociology/Anthropology

Two courses/six credits from all ANT or SOC courses excluding SOC 95

Any Social Science

One course/three credits from all ANT, ECO, GGR, HIS, POL and SOC courses excluding the courses listed above

Required Education Courses**

All of the following:

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
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EDI	15A	Psychological Perspectives: Teaching and Learning	3.00
EDI	16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI	17	Psychology and Developmental of the Adolescent	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	38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
EDS	44	Introduction to the Study of the Exceptional Child	3.00
EDS	75A	Literacy Assessment and Instruction for Diverse Classroom Populations Grades 5-12	3.00

The students are required to do one of the following: a Foreign language course, American Sign Language (SPE 98), or Equivalent milestone (with permission from the department chair).

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

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 Liberal Arts: 60 credits
 Minimum Social Studies: 48 credits
 Minimum Social Studies GPA: 2.75
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

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

The 120-credit Bachelor of Science program in

Adolescence Education: Spanish prepares a new generation of Spanish teachers to cultivate and enhance student success in Spanish language and culture. This program equips you with the skills, knowledge and foundation to motivate middle and high school students at various skill levels to learn the fundamentals of language comprehension, vocabulary and linguistic expression through oral and written skills. The program includes supervised practice teaching in actual classrooms at two grade levels (7 to 9 and 10 to 12), allowing you to observe certified teachers and interact with the teenage student population.

After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required teacher certification workshops, you will be awarded Initial teaching certification by the New York State Department of Education (NYSED) in Adolescence Education: Spanish program. Please refer to the NYSED certification website (www.highered.nysed.gov/tcert/) for the most up to date changes in certification requirements.

The Bachelor of Science in Adolescence Education: Spanish is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Council for the Accreditation of Educator Preparation (CAEP).

SPANISH CONCENTRATION

As a Spanish education major, you will explore the vast riches of Spanish language and culture. From introductory readings that stress vocabulary building, oral expression and comprehension you will advance to in-depth studies of great Spanish and Spanish-American novelists, playwrights and poets, like Cervantes, Lope de Vega, Pablo Neruda and Gabriela Mistral. You will analyze the salient features of the national character and examine the importance of regional differences in such areas as folklore, art and political thought. You will study the evolution of Spanish civilization through the ages and its impact on the Americas and other cultures around the world. You will learn ways to communicate to young students fundamental concepts of reading, writing, listening and speaking in Spanish.

B.S. Adolescence Education: Spanish

{Program Code: 23174}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: Spanish must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits

Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Spanish Language and Literature Courses

All of the following:

SPA 3	Intermediate Spanish I	3.00
SPA 4	Intermediate Spanish II	3.00
SPA 23	Advanced Spanish Grammar and Composition I	3.00
SPA 24	Advanced Spanish Grammar and Composition II	3.00
SPA 85	Disciplinary Literacy in Spanish	3.00

Elective Spanish Language and Literature Courses

Six courses/eighteen credits from all SPA courses numbered 11 through 49, 99, 385, 386, 389, 390. One WLT course may be used to satisfy this requirement (excluding WLT 7, 8 and 20 through 24).

Required Second Language Courses

Four courses/twelve credits from one of the following languages:

French

FRE 1	Elementary French I	3.00
FRE 2	Elementary French II	3.00
FRE 3	Intermediate French I	3.00
FRE 4	Intermediate French II	3.00
FRE 11	Introduction to French Literature I	3.00
FRE 12	Introduction to French Literature II	3.00

German

GER 1	Elementary German I	3.00
GER 2	Elementary German II	3.00
GER 3	Intermediate German I	3.00
GER 4	Intermediate German II	3.00
GER 11	Introduction to German Literature	3.00

GER 12	Survey of German Literature	3.00
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Hebrew

HEB 1	Elementary Modern Hebrew I	3.00
HEB 2	Elementary Modern Hebrew II	3.00
HEB 3	Intermediate Modern Hebrew I	3.00
HEB 4	Intermediate Modern Hebrew II	3.00

Italian

ITL 1	Elementary Italian I	3.00
ITL 2	Elementary Italian II	3.00
ITL 3	Intermediate Italian I	3.00
ITL 4	Intermediate Italian II	3.00
ITL 11	Selected Readings in Early Italian Literature	3.00
ITL 12	Selected Readings in Modern and Contemporary Italian Literature	3.00

Japanese

JPN 1	Elementary Japanese I	3.00
JPN 2	Elementary Japanese II	3.00
JPN 3	Intermediate Japanese I	3.00
JPN 4	Intermediate Japanese II	3.00

Russian

RUS 1	Elementary Russian I	3.00
RUS 2	Elementary Russian II	3.00
RUS 3	Intermediate Russian I	3.00
RUS 4	Intermediate Russian II	3.00

Required Education Courses**

All of the following:

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00
EDI 16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI 17	Psychology and Developmental of the Adolescent	3.00
EDI 35	General Methods of Teaching Secondary Education	3.00

EDI 35F	Methods and Materials in Teaching a Specific Subject in Grades 7-12 Foreign Language	3.00
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EDI 38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
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EDS 44	Introduction to the Study of the Exceptional Child	3.00
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EDS 75A	Literacy Assessment and Instruction for Diverse Classroom Populations Grades 5-12	3.00
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The students are required to do one of the following: a foreign language course, American sign language (SPE 98), or equivalent milestone (with permission from the department chair). **A grade of "C-" or better is required in all education courses

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 Liberal Arts: 60 credits
 Minimum Spanish: 33 credits
 Minimum Spanish GPA: 2.75
 Minimum Education GPA: 2.75
 Minimum Overall GPA: 2.50

ART EDUCATION

B.F.A. Art Education (Birth to Grade 12)

{Program Code: 24071}

See this bulletin, College of Arts, Communications & Design, Department of Art - B.F.A. Art Education (Birth to Grade 12) for program admission and requirements.

MUSIC EDUCATION

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

(Program Code: 24068)

See this bulletin, College of Arts,
Communication & Design, Department of Music -
B.M. Music Education (Birth to Grade 12) for
program admission and requirements.

ACCELERATED PROGRAMS

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

See this Bulletin, College of Liberal Arts &
Sciences, Department of English, Accelerated
Programs - B.S. Adolescence Education: English
(Grades 7-12) / M.A. in English, for program
admission and requirements.

B.S. Adolescence Education: Mathematics (Grades 7-12) / M.S. in Applied Mathematics

See this Bulletin, College of Liberal Arts &
Sciences, Department of Mathematics, Accelerated
Programs - B.S. Adolescence Education:
Mathematics (Grades 7-12) / M.S. in Applied
Mathematics, for program admission and
requirements.

B.A. History / M.S. Adolescence Education: Social Studies (Pedagogy Only)

See this Bulletin, College of Liberal Arts &
Sciences, Department of History, Accelerated
Programs - B.A. History / M.S. Adolescence
Education: Social Studies (Pedagogy Only), for
program admission and requirements.

Education Courses

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 trend. Emphasis is on the implications of the analyses for modern educational principles and practices. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component.

Also, ten hours of fieldwork will be required.

Credits: 3

Every Fall and Spring

EDI 15A Psychological Perspectives: Teaching and Learning

Prospective teachers gain an understanding of teaching and learning, intelligence, development, motivation and management for children from birth through adolescence that will be applied to classroom experiences. The reciprocal relationship between theory and practice is explored through field projects. This course consists of a combination of lectures, readings, work groups, in-class study analyses, video viewing, guest speakers, written assignments and discussions of class topics and journal entries (including e-mail). This course will require a writing component. Also, ten hours of fieldwork will be required.

Credits: 3

Every Fall and Spring

EDI 16A Curriculum and Assessment for Pre-service Teachers

This course will provide 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 will be 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. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, ten hours of fieldwork will be required.

Credits: 3

Every Fall and Spring

EDI 17 Psychology and Developmental of the Adolescent

This course examines various aspects of early adolescent and adolescent development, including cognition, social relationships, stress, self-esteem, and political and moral development. Considerable attention is given to race, gender, ethnicity, the special early adolescent, and the at-risk student. The use of the technology as it relates to teaching and learning will be examined. This course will require

a writing component. Also, ten hours of fieldwork will be required.

Credits: 3

Every Spring

EDI 35 General Methods of Teaching Secondary Education

Objectives, scope, and programs of Adolescent education considered in terms of the classroom teacher's commitment and responsibilities. Taken concurrently with the section of EDU 35 relating to the student's area of content specialization as listed. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, ten hours of fieldwork will be required.

Prerequisites of EDI 14, 15A, 16A, 17 and EDS 44 are required.

Credits: 3

Every Fall

EDI 35A Methods and Materials in Teaching a Specific Subject in Grades 7-12 Science

A consideration of the principles and techniques of Adolescent education. The middle and high school curricula are examined and their continuing development studied and appraised in relation to current needs and practices. Methods, materials, and teaching aids are considered for each subject area. Use of technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, ten hours of fieldwork will be required. This course is typically taken concurrently with EDU 35 and is differentiated according to the student's field of specialization.

Prerequisite of EDI 14, 15A, 16A, EDS 44 are required.

Credits: 3

Every Fall and Spring

EDI 35B Methods and Materials in Teaching a Specific Subject in Grades 7-12 English

A consideration of the principles and techniques of Adolescent education. The middle and high school curricula are examined and their continuing development studied and appraised in relation to current needs and practices. Methods, materials, and teaching aids are considered for each subject area. Use of technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, ten hours of fieldwork will be required. This course is typically taken concurrently with EDU 35 and is differentiated according to the student's field of specialization.

Prerequisite of EDI 14, 15A, 16A, EDS 44 are required.

Credits: 3

Every Fall and Spring

EDI 35C Methods and Materials in Teaching a Specific Subject in Grades 7-12 Mathematics

A consideration of the principles and techniques of Adolescent education. The middle and high school curricula are examined and their continuing development studied and appraised in relation to

current needs and practices. Methods, materials, and teaching aids are considered for each subject area. Use of technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, ten hours of fieldwork will be required. This course is typically taken concurrently with EDU 35 and is differentiated according to the student's field of specialization.

Prerequisite of EDI 14, 15A, 16A, EDS 44 are required.

Credits: 3

Every Fall and Spring

EDI 35D Methods and Materials in Teaching a Specific Subject in Grades 7-12 Social Studies

A consideration of the principles and techniques of Adolescent education. The middle and high school curricula are examined and their continuing development studied and appraised in relation to current needs and practices. Methods, materials, and teaching aids are considered for each subject area. Use of technology as it relates to teaching and learning will be examined. This course will require a writing component. Twenty hours of fieldwork will be required. This course is typically taken concurrently with EDU 35 and is differentiated according to the student's field of specialization.

Prerequisite of EDI 14, 15A, 16A, EDS 44 are required.

Credits: 3

Every Fall and Spring

EDI 35F Methods and Materials in Teaching a Specific Subject in Grades 7-12 Foreign Language

A consideration of the principles and techniques of Adolescent education. The junior and senior high school curricula are examined and their continuing development studied and appraised in relation to current needs and practices. Methods, materials, and teaching aids are considered for each subject area. Use of technology as it relates to teaching and learning will be examined. This course will require a writing component. Twenty hours of fieldwork will be required. This course is typically taken concurrently with EDU 35 and is differentiated according to the student's field of specialization.

Prerequisite of EDI 14, 15A, 16A, EDS 44 are required.

Credits: 3

Every Fall and Spring

EDI 35G Methods and Materials in Teaching Music

A consideration of the principles and techniques of Adolescent education. The junior and senior high school curricula are examined and their continuing development studied and appraised in relation to current needs and practices. Methods, materials, and teaching aids are considered for each subject area. Use of technology as it relates to teaching and learning will be examined. This course will require a writing component. Each student is required to fulfill field hours in the subject field of specialization. This course is typically taken

concurrently with EDI 35 and is differentiated according to the student's field of specialization. *Prerequisite of EDI 14, 15A, 16A, EDS 44 are required.*

Credits: 3

Every Fall and Spring

EDI 35K Methods and Materials in Teaching Art

A consideration of the principles and techniques of Adolescent education. The junior and senior high school curricula are examined and their continuing development studied and appraised in relation to current needs and practices. Methods, materials, and teaching aids are considered for each subject area. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, fieldwork will be required. This course is typically taken concurrently with EDU 35 and is differentiated according to the student's field of specialization.

Prerequisite of ATE 2, EDI 14, 15A, 16A

Credits: 3

Every Fall and Spring

EDI 38 Supervised Student Teaching in Adolescence Education (Grades 7-12).

Students preparing to qualify as Adolescent school teachers are supervised during a student teaching experience in selected private and public middle schools, junior and senior high 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.

Prerequisites of EDI 14, 15A, 16A, 35 A-K, EDI 50 EDS 44, 75A and department approval are required.

Credits: 6

Every Fall and Spring

EDI 40A Multimodal Approach to Early Childhood Curriculum and Instruction (Birth to Preschool)

The course is designed to give pre-service teachers a broad overview of the complexities and approaches to multimodal learning in a play-based preschool classroom setting. Emphasis will be 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. The course includes a fieldwork component.

Prerequisite of EDI 14, 15A, EDI 41 are required.

Credits: 3

Every Fall and Spring

EDI 41A Nurturing Young Children's Development: A Multicultural Approach

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. Ten hours of fieldwork will be required. The use of technology as it relates to teaching and learning is integrated. This course requires a writing component.

Prerequisites of EDI 14 and 15A are required.

Credits: 3

Every Fall and Spring

EDI 42 Multimodal Approach to Early Childhood 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. 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. Fieldwork is required.

Prerequisite of EDI 14, 15A, 40 and 41 are required.

Credits: 3

Every Fall and Spring

EDI 54 Mathematics Content Standards & Pedagogies for Elem School Students

This course is intended 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. Field experience in the Elementary Classroom (grades 1-6) forms part of the course requirements.

Pre-requisites of MTH 155, EDU 14 and EDI 15A are required

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. Field Experience is a course requirement.

Pre-requisites of MTH 15, EDI 14, EDI 15A and EDI 54 are required

Credits: 3

Every Fall

EDI 56 Literacy Acquisition 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. In particular, we will 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 biliteracy; teaching literacy to ENL learners of diverse ages and linguistic, ethnic, cultural and socioeconomic backgrounds; and developing advanced literacy through academic content areas. And, interestingly, we 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

EDI 63 Methods in Teaching Elementary Social studies

Creative methodology in the teaching of social studies planning, research, reporting, and culminating activities. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, ten hours of fieldwork will be required.

Prerequisites of EDI 14, 15A, 16A 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 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 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.

Prerequisites of EDI 14, 15A, 16A, 50, 63, 68, 69, (EDS 50 or 44), 60, 62, and HE 205 are required.

Credits: 6

Every Fall and Spring

EDI 66 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.

Prerequisites of EDI 14, 15A, 50, 64B, EDS 60, 62, and (EDS 44 or 50) are required.

Credits: 6

Every Fall and Spring

EDI 68 Methods in the Teaching of Mathematics in the Elementary School

This course deals with the content, methods, and materials relevant to teaching math in the elementary school. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, ten hours of fieldwork will be required.

Prerequisites of EDI 14, 15A, 16A, MTH 15, and 16 are required.

Credits: 3

Every Fall and Spring

EDI 69 Methods in the Teaching of Science in the Elementary School

This course deals with the content, methods, and materials relevant to teaching science in the elementary school. The use of the technology as it relates to teaching and learning will be examined. This course will require a writing component. Also, ten hours of fieldwork will be required.

Prerequisite of EDI 14, 15A and 16A are required.

Credits: 3

Every Fall and Spring

EDI 71 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 chairperson. The faculty member directing the project must be qualified in the area designated by the student and the choice of faculty with the previous stipulation is made by the student. Check with academic counselors for the scheduled offerings.

Credits: 1 to 3

On Occasion

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND MOVEMENT SCIENCE

Phone: 516-299-2671

Fax: 516-299-3167

Chair: Associate Professor Nana Koch

Assistant Professor: Gail Weintraub

Adjunct Faculty: 26

Good health and fitness are essential to a child's well-being. Toward this end, students in the Department of Health, Physical Education and Movement Science prepare for careers as health and physical education teachers who promote wellness, fitness, health and physical education literacy, motor competence, skill proficiency and remediation in children and young adults. The Department offers two undergraduate degree options which are accredited by the Council for the Accreditation of Educator Preparation (CAEP): a B.S. in Physical Education and a dual B.S. in Health Education and Physical Education. Both degrees lead to New York State Initial Teaching Certification to teach children in kindergarten through grade 12. The rigorous academic programs are supplemented with extensive field experience that creatively link theory and practice.

The department offers an 18-credit minor in Sports Management for students within the department and throughout the University that teaches the skills needed to organize, administer and facilitate sports-oriented programs.

We offer an 18-credit Equine Studies minor for all students within the University. It prepares students to enter the equine industry in management, health professional or educator capacities.

In addition, we are pleased to offer all students a 29-credit strength and conditioning program, which has been recognized by the National Strength and Conditioning Association. This program is designed for those wanting to focus their studies on gaining knowledge and skills in this growing specialty.

B.S. Physical Education

Students will combine their passion for fitness, lifetime activity and sports with their desire to work with children. As physical education teachers, students will instruct school-age children on health living practices, exercise, physical fitness and team spirit. Nearly all schools in New York State, from kindergarten through high school, employ physical education teachers. A well-designed health and physical activity program can have a lasting impact on a child's life.

LIU Post's 120-credit Bachelor of Science degree in Physical Education teaches students how to develop and implement a developmentally appropriate activity program that enhances motor skills, physical fitness and the acquisition of

movement-related knowledge. Students will learn techniques to improve children's motor learning and fitness, and help them practice fundamental movement patterns, specialized skills, and lifetime movement activities. Students will learn how to develop lessons and activities for various ages and ability levels.

Courses cover curriculum design, skill development, student performance evaluations, human biology, kinesiology and biomechanics, exercise physiology and basic first aid. Students will have an opportunity to apply what they learn in the classroom to field experience at local school districts. This program offers an excellent foundation in the liberal arts and sciences and prepares students for Initial Certification to teach kindergarten through grade 12.

The B.S. in Physical Education program is accredited by CAEP, the Council for the Accreditation of Educator Preparation, signifying that this degree option is exemplary in preparing competent, caring, and qualified professional educators who will teach and lead in kindergarten through grade 12 schools.

DEPARTMENTAL REQUIREMENTS

- A grade of C or better is required in all major courses
- To enter student teaching, all college courses must be completed.
- Students must maintain the following GPAs: a 2.75 overall and 2.8 in major courses

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 3.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Physical Education

{Program Code: 25560}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Physical Education must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	6 credits (DNC 1 required)
History/Philosophy	9 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits

Mathematics 3 - 4 credits (MTH 3 or 19)

Social Sciences 6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Education Core Courses

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDS	60	Literacy Development: Birth through Grade 6	3.00

Required Health and Physical Education Courses

Grade of C or better is required in the following courses:

HPE	201	Introduction to Physical Education and Health Education	3.00
HPE	205	Substance Abuse & Related Issues*	3.00
HPE	106	Fitness and Conditioning (All Levels)	2.00
HPE	202	Responding to Emergencies: Comprehensive First Aid/CPR/AED	2.00
HPE	293	Technology in Physical Education & Health Education	1.00
HPE	295	Measurement and Evaluation	3.00

Required Physical Education Content Courses

Grade of C or better is required in the following courses:

PE	138	Skills - Track & Field, Tennis, Volleyball, Badminton, Team Handball	3.00
PE	139	Skills - Softball, Soccer, Lacrosse, Basketball, and Football/Ultimate Frisbee	3.00
PE	180	Nutrition and Sports	3.00
PE	203	Kinesiology and Biomechanical Analysis of Movement	4.00
PE	255	Motor Learning and Development	3.00
PE	256	Coaching: Principles, Philosophy and Organization of Athletics in Education	3.00
PE	257	Care and Prevention of Athletic Injuries	2.00
PE	299	Exercise Physiology	4.00

Required Physical Education Pedagogy

Courses

The following conditions must be met prior to admission into student teaching:

- A grade of C or better; AND
- Maintaining a combined grade of B or better in the following courses:

PED	260	Curriculum Design in Physical Education	3.00
PED	261	Secondary Methods in Physical Education	4.00
PED	262	Elementary Methods in Physical Education	4.00
PED	263	Teaching the Individual with Special Needs	3.00

Student Teaching in Physical Education

Grade of C or better is required in the following courses:

PED	297	Student Teaching in Physical Education	4.00
HPE	298	Student Teaching Seminar	2.00

Required Co-Related Courses

BIO	7	Human Anatomy and Physiology I	4.00
BIO	8	Human Anatomy and Physiology II	4.00
DNC	1	Beginning Movement 1	3.00
HE	255	Nutrition for the K-12 Educator	3.00

New York State Required Seminars

EDUX	100	Save Schools Against Violence in Education Act - Project S.A.V.E.
EDUX	200	Preventing Child Abduction; Safety Education; Fire and Arson Prevention
CATX	100	Child Abuse Identification and Reporting
DASX	100	Dignity for All Students Act - DASA

Credit and GPA Requirements

Minimum Total: 120 credits
 Minimum Major GPA: 2.80
 Minimum Overall GPA: 2.75

B.S. Health Education and Physical Education

The Department of Health, Physical Education and Movement Science offers a highly respected and rigorous dual undergraduate major in health education and physical education that prepares students to teach both disciplines in elementary, middle and high schools. The 127-credit Bachelor of Science in Health Education and Physical Education program provides students with greater career flexibility and 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 among others, nutrition, health care services, sexuality and family planning, personal well-being, and drugs in contemporary society. Students will 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, among others, 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.

The B.S. in Health Education and Physical Education program is accredited by CAEP, the Council for the Accreditation of Educator Preparation, signifying that this degree option is exemplary in preparing competent, caring and qualified professional educators who will teach and lead in kindergarten through grade 12 schools.

Students will gain field-based experience through student teaching in local school districts. Because the program offers the versatility to teach two areas of study, additional coursework is required. The program takes five years of full-time study to complete.

DEPARTMENTAL REQUIREMENTS

- A grade of C or better is required in all major courses
- To enter student teaching, all college courses must be completed.
- Students must maintain the following GPAs: a 2.75 overall and 2.8 in major courses

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.

- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 3.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Health Education & Physical Education

{Program Code: 23210}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Health Education and Physical Education must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	6 credits (DNC 1 required)
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	3 - 4 credits (MTH 3 or 19)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Education Core Courses

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDS	60	Literacy Development: Birth Grade 6	3.00

The students are required to do one of the following: a foreign language course, American sign language (SPE 98), or equivalent milestone (with permission from the department chair).

Required Health & Physical Education Courses

Grade of C or better is required in the following courses:

HPE	106	Fitness and Conditioning (All Levels)	2.00
HPE	201	Introduction to Physical Education and Health Education	3.00
HPE	202	Responding to Emergencies: Comprehensive First Aid/CPR/AED	2.00
HPE	205	Substance Abuse & Related Issues*	3.00

HPE	293	Technology is Physical Education & Health Education	1.00
HPE	295	Measurement and Evaluation	3.00
Physical Education Content Courses			
Grade C or better is required in the following courses:			
PE	138	Skills - Track & Field, Tennis, Volleyball, Badminton, Team Handball	3.00
PE	139	Skills - Softball, Soccer, Lacrosse, Basketball, and Football/Ultimate Frisbee	3.00
PE	203	Kinesiology and Biomechanical Analysis of Movement	4.00
PE	255	Motor Learning and Development	3.00
PE	257	Care and Prevention of Athletic Injuries	2.00
PE	299	Exercise Physiology	4.00
Health Education Content Courses			
Grade C or better is required in the following courses:			
HE	201	Critical Health Issues I*	3.00
HE	202	Critical Health Issues II	3.00
HE	204	Human Sexuality and the Family	3.00
HE	255	Nutrition for the K-12 Educator	3.00
Health & Physical Education Pedagogy Courses			
The following conditions must be met prior to admission into student teaching:			
<ul style="list-style-type: none"> • A grade of C or better; AND, • Maintaining a combined grade of B or better in the following courses: 			
HED	261	Secondary Methods in Health Education	4.00
PED	260	Curriculum Design in Physical Education	3.00
PED	261	Secondary Methods in Physical Education	4.00
PED	262	Elementary Methods in Physical Education	4.00
PED	263	Teaching the Individual with Special Needs	3.00
Student Teaching in Health Education & Physical Education			
Grade of C or better is required in the following courses:			
HPE	296	Student Teaching in Health Education and Physical Education	8.00
HPE	298	Student Teaching Seminar	2.00

New York State Required Seminars

EDUX	100	Save Schools Against Violence in Education Act - Project S.A.V.E.
EDUX	200	Preventing Child Abduction; Safety Education; Fire and Arson Prevention
CATX	100	Child Abuse Identification and Reporting
DASX	100	Dignity for All Students Act - DASA

Credit and GPA Requirements

Minimum Total: 127 credits
 Minimum Major GPA: 2.80
 Minimum Overall GPA: 2.75

MINORS

Minor in Sports Management

The Sports Management minor provides the department's students, and those throughout the university, with coursework geared to learning about the fast growing field of Sports Management. The emphasis in Sports Management is to provide the skills needed to organize, administer and facilitate sports programs in public, private, community, education and commercial venues.

The minor consists of the following eighteen credits: Introduction to Sports Management (3 credits), Facility Management (3 credits), Sports Marketing (3 credits), Economics of Sports (3 credits), Sports Law (3 credits), and Sports Management Internship (3 credits). Students from any major are welcome to enroll.

Required Sports Management Courses

PE	140	Introduction to Sports Management	3.00
PE	141	Facility Management (prereq PE140)	3.00
PE	142	Sports Marketing (prereq PE140)	3.00
PE	143	The Economics of Sports (prereq PE140)	3.00
PE	144	Sports Law (prereq PE140)	3.00

PE	145	Sports Management Internship (prereq 12 credits in the minor)	3.00
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Credit and GPA Requirements

Minimum Total: 18 Credits
 Minimum GPA: 2.25
 A grade of C or better must be received by students majoring in physical education or the dual physical education/health education program.

Minor in Equine Studies

This new eighteen (18) credit minor takes full advantage of the North Shore Equestrian Center (NSEC) located on the LIU Post Campus. The minor prepares students in the department and those throughout the University to enter the equine industry in, among others, stable or racetrack management, as riding (including therapeutic riding) instructors or horse health care professionals, including veterinarians. The course of study will also appeal to horse riders and owners who wish to expand their equestrian avocation.

The minor has four required courses, for a total of six credits. Additionally students will draw their remaining twelve credits from the following four tracks: Equine Management, Equine Education, Equine Health and a Self-designed Generic Track.

Minor in Equine Studies

Required Core Courses (6 credits), may be taken prior to or concurrent with courses in a track.

PE	116	Beginning Horseback Riding	1.00
PE	117	Intermediate Horseback Riding	1.00
PE	160	Practical Horse Management	3.00
PE	173	Equine Studies Minor Internship	1.00

All courses that fulfill the minor must be taken prior to or concurrent with the internship or with department approval.

Equine Management Business Track: (12 credits)

PE	161	Equine Business Management	3.00
PE	162	Equine Facilities Management	3.00
PE	163	Equine Activities Management	3.00
PE	164	Equine Business Law and Ethics	3.00

Equine Education Track: (12 credits)

PE	165	Fundamental Theories of Riding	3.00
PE	166	Methods of Teaching Riding	3.00
PE	167	Teaching Therapeutic Riding	3.00
PE	168	Judging	3.00
Equine Health Track: (12 credits)			
PE	169	Principles of Equine Anatomy	3.00
PE	170	Basic Equine Health, Disease and First Aid	3.00
PE	171	Equine Systems, Lameness, Metabolic, Disorders and Reproduction	3.00
PE	172	Equine Nutrition	3.00

Self-Designed Generic Track: (12 credits)
 Twelve credits may be taken from any of the twelve courses offered in the other three tracks.

Credit and GPA Requirements

Minimum Total: 18 Credits
 Minimum GPA: 2.25

A grade of C or better must be received by students majoring in physical education and/or the dual health education/physical education major.

Coaching Certificate Program

The Department of Health, Physical Education and Movement Science offers a Coaching Certificate Program which prepares men and women to coach in high schools in New York State. Upon completion of the 15-credit hours of course requirements, plus the Child Abuse Identification Workshop, School Violence Prevention and Intervention Workshop, and the Dignity for All Students (DASA) seminar, and along with 12 credits of pre-requisites, a certificate is issued as evidence that the student has completed the necessary courses set forth by the New York State Department of Education. This certificate is designed for those who are not certified to teach Physical Education in New York State. The certificate includes the following courses:

- Coaching: Principles, Philosophy and Organization of Athletics in Education
- Introduction to Physical Education and Health Education
- Exercise Physiology
- Responding to Emergencies: Comprehensive First Aid/CPR/AED
- Care and Prevention of Athletic Injuries
- Coaching Practicum

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).

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:

HE 255	Nutrition for the K-12 Educator	3
PE 105	Beginning Fitness and Conditioning	1
HPE 106	Fitness and Conditioning	2
PE 203	Kinesiology and Biomechanical Analysis of Movement	4
PE 299	Exercise Physiology	4
BIO 7	Human Anatomy & Physiology I	4
BIO 7	Human Anatomy & Physiology I Lab	
BIO 8	Human Anatomy & Physiology II	4
BIO 8	Human Anatomy & Physiology II Lab	
PE 180	Nutrition and Sports	3
PE 181	Program Design in Strength and Conditioning	3
PE 182	Practicum in Strength and Conditioning	1

Descriptions for HE and PE courses can be found in their respective sections below. For Biology courses, please refer to the Biology section of the Undergraduate bulletin.

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; 5) genetic disorders.

*May be taken and recognized as Liberal Arts credit.

Credits: 3

Every Fall

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 246 Health Education Independent Study

Advanced independent study and/or research in the field of health education. Student must have approval from the Chairperson. Student may receive between 1-4 credits; Credits are determined by faculty as well as course requirements. (For HPE majors only)

For HPE majors only and Dept approval.

Credits: 1 to 4

On Occasion

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

HE 260 Community Health Care Studies and Surveys

This course examines the role and growth of organizations concerned with public health needs. Current health problems and the planning of services to combat them as well as the need for rational approaches to allocation of resources are addressed in this course.

Credits: 3

On Occasion

HE 265 Consumer Health Education

This course is designed to investigate the complex nature of health, the health care system, and the competing forces which affect the level of well-being. Emphasis will be placed on the shared responsibility between the consumer and the health care system.

Credits: 3

On Occasion

HE 280 Marriage and Parenting

This course is designed to assist the student in gaining insight into the commitments of marriage and parenting. It helps the participants to examine important information about attitudes, conflict and adjustments, planning a marriage, getting married, and what is entailed in order to make a legal, moral and religious commitment.

Credits: 3

Every Fall and Spring

HE 285 Personal, School and Community Health

This course will enable the student to understand and appreciate the breadth of health-related issues in several different contexts. Students will learn a model of health that enables them to comprehend the dynamics of striving toward total well-being.

Credits: 4

On Occasion

HE 385 Honors Tutorial

In the Junior year, the student in the Honors Program selects a subject in the major for the Honors Tutorial. The Honors Tutorial is a three-credit semester-long course of independent research under the guidance of a chosen instructor who meets with the student in weekly sessions. The tutorial is the exploratory research for the Honors Thesis. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

HE 386 Honors Tutorial

In the Junior year, the student in the Honors Program selects a subject in the major for the Honors Tutorial. The Honors Tutorial is a three-credit semester-long course of independent research under the guidance of a chosen instructor who meets with the student in weekly sessions. The tutorial is the exploratory research for the Honors Thesis. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

HE 389 Honors Thesis

In the Senior year, the Honors student works with a chosen instructor on the Honors Thesis. The Honors Thesis is a 3-credit, semester-long project in the major, which culminates in an extensive paper. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

HE 390 Honors Thesis

In the Senior year, the Honors student works with a chosen instructor on the Honors Thesis. The Honors Thesis is a 3-credit, semester-long project in the major, which culminates in an extensive paper. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

HED 261 Methods of Teaching Health Education

This course is designed to enable to student to be prepared for student teaching. Students taking this course will know the foundations of health education and will be able to practice the skills of a health educator. 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 be provided the opportunity to 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

Health and Physical Education Courses (Dual)

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.

Co-requisites of PED 297 or HED 297 or HPE 296 and Dept consent are required.

Credits: 2

Every Fall and Spring

HPE 386 Honors Tutorial

In the Junior year, the student in the Honors Program selects a subject in the major for the Honors Tutorial. The Honors Tutorial is a three-credit semester-long course of independent research under the guidance of a chosen instructor who meets with the student in weekly sessions. The tutorial is the exploratory research for the Honors Thesis. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

HPE 389 Honors Thesis

In the Senior year, the Honors student works with a chosen instructor on the Honors Thesis. The Honors Thesis is a 3-credit, semester-long project in the major, which culminates in an extensive paper. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Credits: 3

On Occasion

HPE 390 Honors Thesis

In the Senior year, the Honors student works with a chosen instructor on the Honors Thesis. The Honors Thesis is a 3-credit, semester-long project in the major, which culminates in an extensive paper. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

Physical Education Skill Courses

PE 100 Tumbling and Apparatus I

This course is designed to introduce students to the basic skills, strategies, and safety aspects in tumbling.

Credits: 1

On Occasion

PE 102 Archery

This course is designed to introduce students to the basic skills, strategies, and requirements for archery.

Credits: 1

On Occasion

PE 103 Badminton

This course is designed to introduce students to the basic skills, strategies, and rules as they pertain to the sport of badminton.

Credits: 1

On Occasion

PE 104 Body Conditioning to Music

The purpose of this course is for students to develop fitness through activities provided with music.

Credits: 1

On Occasion

PE 105 Fitness and Conditioning (Beginning)

The purpose of this course is to introduce students to all basic concepts involved in beginning fitness and conditioning. Students will learn to develop appropriate skills for life-long health and wellness.

Credits: 1

Every Fall and Spring

PE 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

PE 107 Racquetball/Paddleball

Students will be introduced to and given the opportunity to improve the skills of racquetball. Of equal importance is the improvement of each student's knowledge of skill mechanics, rules, basic terminology, and strategy.

Credits: 1

On Occasion

PE 108 Track and Field

The goal of this course is to introduce students to skills, rules, and events of the sport of track & field.

Credits: 1

On Occasion

PE 109 Squash

Students will acquire and understand the basic skills, rules, and strategies of squash.

Credits: 1

On Occasion

PE 111 Beginning Tennis

The goal of this course is for students to learn the skills, strategies, and tactics as they pertain to tennis in a fun and active way. Students will practice all basic skills and apply them to game situations as the course progresses.

Credits: 1

Every Fall and Spring

PE 112 Intermediate Tennis

The purpose of this course is to increase the basic skill levels of the students by introducing them to more advanced tennis strategies.

Prerequisite of PE 111 is required.

Credits: 1

On Occasion

PE 113 Fencing

The purpose of this course is to help students achieve basic skill competencies in fencing.

Credits: 1

On Occasion

PE 114 Golf

The purpose of this course is for students to learn and understand the basic skills, rules, strategies, and etiquette of golf.

Credits: 1

On Occasion

PE 115 Contemporary/Social Dance

This course will introduce students to the basic social dance steps as well as country and line dancing.

Credits: 1

On Occasion

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 118 Horseback Riding (Advanced)

Students will have an opportunity to learn advanced skills of horsemanship. Each student must have an approved riding helmet before riding. A separate stable fee applies.

Prerequisite of PE 117 or instructor's permission is required.

Credits: 1

Every Fall and Spring

PE 120 Beginning Karate and Self Defense

This course will introduce students to beginning level Karate techniques and principles.

Credits: 1

On Occasion

PE 121 Karate and Self Defense (All Levels)

This course will introduce students with some martial arts background to intermediate level Karate techniques and principles. Prerequisite of PE 120 or instructor's permission.

Credits: 1

On Occasion

PE 122 Basic Swimming Instruction

Students will be able to demonstrate American Red Cross beginning swimming skills, perform basic forms of rescue, and understand the importance of swimming as a lifetime recreational activity.

Credits: 1

On Occasion

PE 123 Intermediate Swimming

Students will be able to demonstrate American Red Cross intermediate swimming skills, perform basic forms of rescue, and understand the importance of swimming as a lifetime recreational activity.

Prerequisite of PE 122 or instructor's permission.

Prerequisite of PE 122 is required.

Credits: 1

On Occasion

PE 124 Life Saving (Advanced)

This ARC course covers the advanced skills and methods of rescue techniques.

Prerequisite of PE 123 or permission of instructor is required.

Credits: 2

On Occasion

PE 125 A.R.C. Water Safety Instructor

This course covers the methods of teaching swimming at all levels of skill. Development of lesson plans and teaching strategies as well as swimming safety and first aid are included.

Prerequisite of PE 124 or permission of instructor is required.

Credits: 2

On Occasion

PE 126 Introduction To Hatha Yoga

This course is an introduction to the physical practice of Hatha Yoga, its history, and philosophy. Practical applications to daily living are stressed, be it our physical activities, postural habits, breath quality, or mental and emotional states of being.

Credits: 1

Every Fall and Spring

PE 127 Hatha Yoga (All Levels)

This course is designed to acquaint students to the principles and philosophy of all levels of Hatha Yoga so that students experience greater body awareness and concentration. Prerequisite of PE 126 or instructor permission required.

Credits: 1

On Occasion

PE 128 Tai Chi

Tai Chi is an ancient Chinese system of exercise that is practiced for health and well-being.

Credits: 1

On Occasion

PE 129 Basic Skin and Scuba Diving

This basic course prepares students for open water dives to become certified scuba divers. Course covers all lecture and pool requirements. A course fee may apply.

Credits: 2

On Occasion

PE 130 Judo (Beginning)

This course will introduce students to the basic concepts of beginning judo.

Credits: 1

On Occasion

PE 131 Judo (Advanced)

This course will introduce students to the concepts of advanced judo. Prerequisite of PE 130 or instructor's permission required.

Credits: 1

On Occasion

PE 132 Water Aerobics

Students will be introduced to fitness concepts through exercise in water.

Credits: 1

On Occasion

PE 133 Taekwondo (Beginner)

The purpose of this course is to introduce students to the philosophy of Taekwondo as well as to basic Taekwondo foot and hand techniques. This course will provide students the opportunity to advance one belt rank.

Credits: 2

On Occasion

PE 134 Kung Fu (Beginner)

This course will provide the student with an introduction to the history, philosophy, and basic techniques of Kung Fu.

Credits: 1

On Occasion

PE 135 Kung Fu (All Levels)

This course will cover the intermediate techniques of Kung Fu.

Prerequisite of PE 134 is required.

Credits: 1

On Occasion

PE 137 Aikido - the Passive Art of Self Defense

Aikido is based on the principles of spiritual harmony and non-aggression. The course emphasizes non-collision or non-resistance against an opponent's force so that anyone can employ it with a minimum amount of physical strength. Self-defense is accomplished by movements performed with the relaxed integration of mind and body.

Credits: 1

On Occasion

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 155 Pilates Mat

Pilates Mat class offers the opportunity to learn a sequence of exercise principles and basics that lead to life-time health benefits and physical fitness. Mat classes are also adaptable to those at any fitness level, and participants progress according to their level of ability. In particular, this approach to fitness emphasizes strengthening the whole body, rather than developing some parts over others. Workouts promote body awareness and efficiency in a balance approach to develop core and muscle strength, increases in range of motion in the joints and flexibility. As such, Pilates classes appeal to a wide range of people who seek to strengthen and tone their bodies in a safe way.

Credits: 1

On Occasion

PE 190 Adventure Education

The goal of this course is for students to obtain the knowledge and skills that are needed to create a Project Adventure K-12 curriculum. Students will gain familiarity with the Project Adventure philosophy and activities. They will learn how to utilize cooperative games, adventure challenges, initiative problems, and trust-building activities to teach communication, cooperation, trust, and teamwork and meet New York State and National Standards for physically-educated individuals. Course is held off campus. Contact the HPE Department for further information. A separate fee applies payable the first day of class.

Credits: 2

Every Fall and Spring

PE 192 Basketball

This course is designed to introduce students to the basic skills, strategies, and rules of basketball.

Credits: 1

On Occasion

PE 193 Soccer

This course will introduce students to the skills, strategies, and tactics as they pertain to soccer. They will practice all basic skills and apply them into game situations as the course progresses.

Credits: 1

On Occasion

PE 194 Football

This course is designed to introduce students to the basic skills, strategies, and rules of football.

Credits: 1

On Occasion

PE 195 Lacrosse

The goal of this course is for students to learn all the skills, strategies, and tactics as they pertain to the sport of lacrosse. Students will practice all basic skills and apply them into all game situations as the course progresses.

Credits: 1

On Occasion

PE 196 Softball

This course is designed to introduce students to the basic skills, strategies, and rules of softball.

Credits: 1

On Occasion

PE 197 Baseball

The goal of this course is for students to gain the knowledge and skills needed to appreciate the game of baseball through the teaching of basic fundamentals and strategies.

Credits: 1

On Occasion

PE 198 Volleyball

This course is designed to introduce students to the basic skills, strategies, and rules of volleyball.

Credits: 1

On Occasion

PE 199 Field Hockey

This course is designed to introduce students to the basic skills, strategies, and rules of field hockey.

Credits: 1

On Occasion

Physical Education Courses

PE 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

PE 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

PE 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

PE 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.

A prerequisite of PE 140 or instructor's permission is required.

Credits: 3

Every Fall

PE 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 Spring

PE 145 Sports Management Internship

Students will have an experience in the area of sports management at the college professional level or in the recreation advertising, marketing or facilities under the supervision of the program director.

A prerequisite of 12 credits in Sports Management Minor is required

Credits: 3

Every Fall and Spring

PE 160 Practical Horse Management

Students will learn the basis for all Equine Studies. In order to work effectively with horses from any perspective, students need to be well trained in the proper care and feeding of horses as well as the equipment used with them as riders.

Credits: 3

Every Fall and Spring

PE 161 Equine Business Management

This course introduces the student to basic concepts, methods, principles and practices used in an equine business. The student will become familiar with many of the rules and regulations that

are best practices followed by equine business owners in this country. This course will cover such topics as: business form; business plan; tax considerations; buying and selling horses; leases and ownership; employees and independent contractors; liabilities; insurance; record keeping; basic accounting; contracts; marketing; advertising; and the use of computer software.

A pre requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 162 Equine Facilities Management

This course provides an overview of equestrian facility management, including horse needs, safety, emergency procedures, stable layout, site planning, stable maintenance, barns and interiors, out buildings, equipment, transport, fencing, feeding, hay and bedding.

A co requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 163 Equine Activities Management

This hands-on course provides students with an understanding of the all essential positions required to staff hunter jumper and dressage shows as well as clinics. The focus is on the rules and regulations of the United States Equestrian Federation (USEF) and for the United States Hunter Jumper Association (USHJA) and the United States Dressage Federation (USDF) that govern the management of horses shows. Students will learn about the writing, printing, and distribution of prize lists, including, among others, what information must be listed to meet association regulations and information necessary for the competitors; budgeting processes; contractual requirements for service providers and officials at shows; the process of securing sponsors; and correctly setting courses for competition, including the measuring of lines, and preparation of the arena. Emphasis will be placed on operating a successful event for successive years, highlighting current trends in the horse show industry. Practical experience assisting at horse shows outside of class time will be required. The LIU/NSE stables facility runs nine USHJA recognized horse shows at which students will gain valuable first-hand experience during 15 hours of service learning.

A co requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 164 Equine Business Law and Ethics

This course examines the principles of equine law and ethics necessary to own and operate a business in the equine industry. Students study case law emphasizing liability laws as they relate to horses, contracts associated with equine business, such as buying, selling, leasing, contractor releases, horse

shows, and organizational taxes. Ethical issues, equine care requirements, disease regulations law, transport, labor relations, farm management and equine insurance will also be addressed to better prepare students for a career in the equine industry. *A co requisite of PE 116, PE 117 and PE 160 are required or department approval.*

Credits: 3

On Occasion

PE 165 Fundamental Theories of Riding

This course provides the student with a strong foundation in the fundamentals of riding. The student will study modern riding techniques as well as riding theories as they relate to the structure of the horse. Topics include: introduction to riding and learning; basic position; the aids; basic control; longitudinal and lateral balancing of the horse, and position and control over fences. The disciplines that will be discussed in this class include Hunter Seat Equitation, Dressage, Hunters and Jumpers. Students will take an additional 10 hours of riding in connection with topics covered. A separate stable fee applies.

A co requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 166 Methods of Teaching Riding

This course introduces the student to a system of teaching that is based on a step-by-step approach leading to a pre-selected outcome. Students will explore the relationship between the instructor, the student and the horse. Then as "apprentice instructors" they will identify how individual riders learn so that they can begin to develop a system of teaching; format lesson plans; set short and long term goals; analyze, solve and improve students' performance, and demonstrate effective presentation techniques. Throughout the semester students will observe instructors and maintain a journal of lessons. At the LIU/NSE stable and arena facility, one of the largest equestrian teaching facilities in the country, students will practice teaching under the guidance of professional riding instructors. Students will spend 15 hours observing riding instructors and be expected to teach a Basic Equitation lesson upon completion of this course. A separate stable fee applies.

A co requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 167 Teaching Therapeutic Riding

This course is designed to provide hands-on experience with various aspects of equine assisted therapy. Students will participate in activities to incorporate concepts of general equine care and handling, utilizing riding and equine management from a therapeutic perspective, and addressing mental health and physical disability through equine assisted therapy. Students will be

introduced to important concepts such as team building, rapport development with horse and with clients, and overall safety and functional considerations for equine assisted therapy. Students will participate in 15 hours of assistance with trained personnel.

A pre requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 168 Judging

Since the teaching of riding often prepares learners for equestrian competition, this course is designed to give students the tools necessary for judging performance, soundness and conformation for the Hunters, Hunt Seat Equitation, Jumpers, and Dressage disciplines. Students will formulate a model for use in rating the various levels of performance in competitions as well as training and selection. The technical rules and regulations for judging different levels and classes will be discussed. Students are expected to spend a minimum of 15 hours assisting a rated judge at horse shows.

A pre requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 169 Principles of Equine Anatomy

A thorough understanding of equine anatomy is crucial for the proper care and training of the performance horse. By examining the complex interaction of bones, muscle groups and internal organs in the equine athlete, students understand the importance of maintaining the delicate balance of internal and external structure while at the same time enabling the horse to achieve the peak of its performance abilities or simply maintain its health.

A pre requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 170 Basic Equine Health, Disease, and First Aid

This course is a biological systems approach to basic equine health and deviations that produce disorders and disease. Special attention is given to the anatomical and physiological etiology for diseases in the horse. Particular attention will be paid to colic, lacerations, choke, fractures, eye injuries, foaling emergencies, emergency preparedness, and the development of first aid readiness. Common medications and issues related to medications will also be covered. This course will require each student to spend 15 hours at North Shore Equestrian or another equine facility shadowing veterinarians, evaluating and engaging in procedures related to equine care.

A pre requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 171 Equine Systems, Lameness, Metabolic Disorders and Reproduction

This advanced course will focus in depth on common equine disorders and their treatments and on the special concerns related to reproduction. Students will learn to administer some of the common treatments for lameness and gain observational experience in early detection and treatment of ailments, including Cushing's Disease, Equine Metabolic Syndrome, Laminitis, hypothyroidism, and diseases of the eye. Some advanced first-aid techniques will also be introduced along with an understanding of the medications commonly used to treat equine disorders. Since breeding horses requires special care and handling, the seminar will also address the managed health of stallion, mare and foal from breeding through neo-natal care. This course will require students to spend 15 hours shadowing a veterinarian and/or observing treatments at North Shore Equestrian or another equine facility.

A pre requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 172 Equine Nutrition

This course is an in-depth study of the absorption, metabolism, and elimination of feed sources in the horse. It includes nutrients and feeding requirements, the anatomy and physiology of the gastrointestinal tract, feed and forage analysis, ration balancing, supplements, problems associated with feeding during the several life stages, athletic horse diets, and common poisonings due to plants and feed. The importance of careful measurement and delivery of food to horses will be emphasized in experiential workshops and 15 hours of service learning.

A pre requisite of PE 116, PE 117 and PE 160 are required or department approval.

Credits: 3

On Occasion

PE 173 Equine Studies Minor Internship

The student will gain 15 hours of experience in the area of his or her chosen track: Equine Business, Equine Education, Equine Health or Self-directed Generic. Option will include working in an equine facility, at equine sporting events, with a riding instructor, or veterinarian under appropriate supervision.

All courses that fulfill the minor must be taken prior to or concurrent with the internship.

Credits: 1

On Occasion

PE 180 Nutrition and Sports

This course is designed to integrate current scientific knowledge of nutrition and sports with the physiology of exercise/training. Students learn optimum nutrition requirements for various sports. This course will identify the physiological role of the macronutrients (protein, fat and carbohydrate)

in exercise; the energy systems required for physical activity will be reviewed. Examined components will emphasize micronutrients (vitamin/mineral) and water as related to physical fitness and sports performance. Nutrition and exercise prescriptions for athletes will be discussed, as well as techniques needed to determine body composition.

Not open to students enrolled BS in Food, Nutrition and Wellness Program

Credits: 3

On Occasion

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 106PE 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 requisite: 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 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 and Spring

PE 202 Responding to Emergencies: Comprehensive First Aid/CPR/AED

Students will learn basic knowledge and procedures for first aid, cardiopulmonary resuscitation, and the AED. 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. Lecture, demonstration, and laboratory work are included.

Credits: 2

Every Fall and Spring

PE 203 Kinesiology 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 lecture plus two hours 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 240 Creative Games and Survey of Movement Program for Children

Creative Games is a new approach to play, which emphasizes cooperation rather than competition and combining elements of traditional games and sports with a humanistic view of interaction. Opportunities are provided for leading and refereeing creative games. Students explore the ways new games can be adapted for a variety of age groups, populations and a variety of settings.

Students may elect to take this course for a second credit to observe and study a number of movement programs for preschool and elementary school-age children in a variety of settings.

Credits: 1 to 2

On Occasion

PE 241 Movement Education and Rhythms for Children

The purpose of this course is to provide for prospective preschool and elementary teachers the methods and materials to lead movement and rhythmic experiences.

Credits: 3

On Occasion

PE 246 Physical Education Independent Study

Advanced independent study and/or research in the field of physical education. Student must have approval from the Chairperson. Student may receive between 1-4 credits; Credits are determined by faculty as well as course requirements. (For HPE majors only)

For HPE majors only and Dept approval.

Credits: 1 to 4

On Occasion

PE 254 Introduction to Movement/Dance Therapy

This course is designed to provide students with an experimental and didactic exposure to the field of dance therapy. The curriculum includes: (a) an examination of the historical framework and current developments in the field of dance therapy; (b) a comprehensive investigation of the psychophysical components of expressive movement; (c) the theory and process of dance therapy; and (d) a survey of dance therapy methods

devised for specific populations in a range of clinical and educational settings.

Credits: 3

On Occasion

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*

Prerequisites of HPE 201 and 203 are required.

Credits: 3

Every Spring

PE 256 Coaching: 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.

Prerequisite of PE 203 or BIO 118 is required.

Credits: 2

Every Fall

PE 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 Spring

PE 295 Measurement and Evaluation

This course will focus on the purposes and principles of measurement and evaluation in physical education and health education. Emphasis will be geared toward selecting appropriate measurement instruments to evaluate individual and group performance. The 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 299 are required.

Credits: 3

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

PE 385 Honors Tutorial

In the Junior year, the student in the Honors Program selects a subject in the major for the Honors Tutorial. The Honors Tutorial is a three-credit semester-long course of independent research under the guidance of a chosen instructor who meets with the student in weekly sessions. The tutorial is the exploratory research for the Honors Thesis. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

PE 386 Honors Tutorial

In the Junior year, the student in the Honors Program selects a subject in the major for the Honors Tutorial. The Honors Tutorial is a three-credit semester-long course of independent research under the guidance of a chosen instructor who meets with the student in weekly sessions. The tutorial is the exploratory research for the Honors Thesis. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

PE 389 Honors Thesis

In the Senior year, the Honors student works with a chosen instructor on the Honors Thesis. The Honors Thesis is a 3-credit, semester-long project in the major, which culminates in an extensive paper. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

PE 390 Honors Thesis

In the Senior year, the Honors student works with a chosen instructor on the Honors Thesis. The Honors Thesis is a 3-credit, semester-long project in the major, which culminates in an extensive paper. Students must receive prior approval from the HPE Chairperson and the Honors Program Director.

Must be in Honors College

Credits: 3

On Occasion

PED 260 Curriculum Design in Physical Education

This course examines the process of curriculum design. Course content focuses on value orientation that drives 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.

Co-requisite 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 co-requisite 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 271 Sports Medicine Design

The purpose of this course is to provide students with the skills, knowledge, and experiences which will enable them to design, develop, and teach a basic introduction to sports medicine program in a high school setting.

Credits: 3

On Occasion

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.

Prerequisite of PE 256 is required.

Credits: 1

Every Fall and Spring

PED 292 Practicum in Specialization - Exercise Rehabilitation

The exercise rehabilitation practicum is designed to give students field experience in the exercise rehabilitation specialization. Students are required to complete 40 hours of fieldwork plus five hours of seminar.

Credits: 1

On Occasion

PED 294 Practicum in Specialization - Athletic Trainer

The athletic trainer practicum is designed to give students field experience in the athletic trainer specialization. Students are required to complete 40 hours of fieldwork plus five hours of seminar.

Credits: 1

On Occasion

PED 295 Practicum in Specialization - Sports Medicine Design

The sports medicine design practicum is designed to give students field experience in the sports medicine design specialization. Students are required to complete 40 hours of fieldwork plus five hours of seminar.

Credits: 1

On Occasion

PED 297 Student Teaching in Physical Education

This course is designed to meet the certification requirements of those students pursuing a major in Physical Education. A minimum of 360 hours in teaching and observing 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: 4

Every Fall and Spring

DEPARTMENT OF SPECIAL EDUCATION AND LITERACY

Phone: 516-299-2245

Fax: 516-299-3312

Chair: Reinecke

Full Professors: Cohen, Feeley, Minge, Pierangelo, Sanacore

Associate Professors: Levitt, Vida

Assistant Professor: Reinecke

Adjunct Faculty: 33

The Department of Special Education and Literacy prepares students for New York State certification as special education teachers and literacy specialists. Student can select from three Master of Science degree programs: Literacy; Special Education; and Special Education with a Concentration in Autism. The Department also offers dual certification programs which prepare students to become certified in two specialty areas: Childhood Education (Grades 1 to 6) and Special Education or Literacy.

B.S. Early Childhood Education / Special Education (B-Gr 2)

This 4-year initial teaching certification program prepares you to nurture and teach infants, toddlers, preschoolers, and children with and without disabilities in primary grade settings (kindergarten through second grade). After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required seminars, you will be awarded Initial Teaching Certification by the New York State Department of Education (NYSED) in Early Childhood Education (Birth to Grade 2), and Certification in Special Education.

Please see the Department of Curriculum and Instruction for more information about this program and requirements.

B.S. Childhood Education / Special Education (Grades 1-6)

This 120-credit Bachelor of Science degree in Childhood Education and Special Education prepares you to become a knowledgeable, caring, and inspiring teacher of children with and without disabilities who are in the first through sixth grades. After you complete all degree requirements, successfully pass New York State licensure tests (EAS, CST and edTPA) and you have completed all required seminars, you will be awarded Initial Teaching Certification by the New York State Department of Education (NYSED) in Childhood Education (Grades 1-6), and Certification in Special Education.

Please see the Department of Curriculum and

Instruction for more information about this program and requirements.

Courses

EDS 44 Introduction to the Study of the Exceptional Child

A basic introduction to childhood exceptionality. Designed to increase understanding of children who are considered to be exceptional - physically, emotionally or intellectually. Provides a basis for planning individual learning opportunities in regular and special classroom settings.

Credits: 3

Every Fall and Spring

EDS 46 Teaching Students with Disabilities in Inclusive Classrooms

This course will introduce students to each of the 13 special education classifications as defined by the Individuals with Disabilities Education Act. Each disability category will be addressed 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 50 Creating Responsible Inclusive Classrooms

Inclusion represents one of the most significant challenges facing education in recent years. It requires change for general and special educators. Course will explore concept of inclusion, discuss it from theoretical and practical perspectives, and present strategies necessary for it to be successful. It will present inclusive practices for use by general educators, as well as special educators.

Credits: 3

All Sessions

EDS 60 Literacy Development: Birth Grade 6

Course will be concerned with 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 will focus on acquainting students with current assessments used to identify reading problems, reading levels, and specific reading

strengths and weaknesses of elementary school students in the classroom setting. Further emphasis will be 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 Spring

COLLEGE OF LIBERAL ARTS AND SCIENCES

The College of Liberal Arts and Sciences is LIU Post's oldest, largest and most diverse academic unit. The liberal arts and sciences are the traditional core of LIU Post's educational base and provide specialized learning in American studies, biology, chemistry, criminal justice, earth and environmental science, economics, English, foreign languages, history, interdisciplinary studies, mathematics, philosophy, physics, political science, psychology, and sociology. Through these comprehensive programs, the College fosters the expansion of knowledge, the excitement of creative thinking and the delight of intense intellectual exchange between students and faculty members.

The College's faculty includes more than 100 highly accomplished scholars, researchers and artists. What most unites these humanists, scientists, social scientists and mathematicians is a dedication to excellence in teaching. Classes are small and highly personalized. Students experience academics in a broad range of subject areas, explore multiple analytical strategies, learn to present ideas clearly and persuasively, and graduate with a degree that enhances their position in the professional world.

If you have questions, please contact the dean's office at 516-299-2233 or fax: 516-299-4140.

Nathaniel Bowditch, Ph.D.

Dean

nathaniel.bowditch@liu.edu

Glynis Pereyra, Ph.D.

Associate Dean

glynis.pereyra@liu.edu

DEPARTMENT OF BIOLOGY

Phone: 516-299-2481

Fax: 516-299-2484

Chair: Associate Professor Brummel
Professors: Melkonian (Pre-Medical Sciences Advisor), Schutt, Tettelbach (Graduate Co-Director)

Associate Professors: Hatch, Santagata

Assistant Professors: Callender, Hanley, Sneksner (Graduate Co-Director)

Adjunct Faculty: 10

The Department of Biology offers programs leading to the Bachelor of Arts and the Bachelor of Science degrees, as well as a minor program for students in other disciplines who wish to fulfill a secondary interest in biology.

Students interested in pursuing graduate degrees in biology and careers in biological research are strongly encouraged to enroll in the Bachelor of Science program. A major in biology will automatically fulfill the requirements for admission to almost all graduate programs as well as most medical, dental, and veterinary schools.

Students can combine a major in Biology with a program in the College of Education, Information and Technology and earn a B.S. in Adolescence Education: Biology. This degree will satisfy the requirements for initial certification to teach Biology in grades 7 to 12. In conjunction with the College of Education, Information and Technology, the Department of Biology offers courses which are part of the concentration in Science for the B.S. in Early Childhood Education (Birth to Grade 2) and the B.S. in Childhood Education (Grades 1 to 6).

Research opportunities are available to undergraduate students. The Department of Biology maintains an Aquatic Research Laboratory, an advanced center that is equipped with high capacity fresh and saltwater tanks, and the Miracle-Gro Greenhouse which offers the ideal environment to study plant anatomy, ecology and photosynthesis. The Campus is located close to outstanding natural resources, where students and faculty members conduct field research. Internships are available at well-known institutions such as North Shore-Long Island Jewish Health System, Cold Spring Harbor Laboratory and the New York Hall of Science.

B.A. in Biology

A major in biology will automatically fulfill the requirements for admission to almost all graduate programs as well as most medical, dental, and veterinary schools. The 120 credit Bachelor of Arts degree provides a foundation that can be applied to diverse work settings. This degree program covers the fundamentals of biology with opportunities to explore a wide range of subjects

such as primate anatomy, human genetics, the plant kingdom, marine biology and microbiology.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Academic Policies

Transfer students entering with one semester of Organic Chemistry and one semester of Biochemistry will satisfy the one-year Organic Chemistry requirement. Transfer students please note that at least 15 advanced Biology credits must be taken in the Biology department at LIU Post.

Candidates for the Bachelor of Art degree in Biology must complete BIO103, 104 and 105, by the end of their freshman year and BIO 107, 108, 109 and 110 by the end of their junior year. BIO 111 must be taken in the senior year. In addition, students must take a minimum of three advanced Biology courses, at least one course from the cell/molecular advanced electives (BIO 200-249) and at least one course from the ecology/evolution electives (BIO 250-289).

Undergraduate research courses (BIO 297, 298 & 299) may not be used as advanced Biology electives, but may be taken for general elective credit with the permission of the department chair.

Qualified Juniors and Seniors (3.25 cumulative average) may take up to 12 credits of 500-level graduate courses to satisfy advanced Biology elective credits. Written approval is required from the appropriate academic counselor, chair, and dean. See Graduate Bulletin for listing of courses.

B.A. in Biology

{Program Code: 06975}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Biology must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 103 and 104)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Biology Courses

All of the following:

BIO 103	General Biology I	4.00
BIO 104	General Biology II	4.00
BIO 105	Research Methods I	1.00
BIO 107	Genetics	4.00
BIO 108	Cell Biology	4.00
BIO 109	Ecology	4.00
BIO 110	Evolution	4.00
BIO 111	Capstone Seminar	1.00

Elective Cellular/Molecular Biology

Advanced Course

One of the following:

BIO 200	Comparative Physiology	4.00
BIO 201	Molecular Biology	4.00
BIO 203	Biology of Cancer	3.00
BIO 204	Histology	4.00
BIO 205	Developmental Biology	4.00
BIO 240	Special Topics in Cell/Molecular Biology	3.00-4.00
BIO 250	Microbiology	4.00

Elective Ecology/Evolution Advanced

Course

One of the following:

BIO 250	Microbiology	4.00
BIO 251	The Plant Kingdom	3.00
BIO 252	Invertebrate Zoology	4.00
BIO 253	Vertebrate Zoology	4.00
BIO 254	Vertebrate Paleontology	4.00
BIO 255	Marine Mammal Biology	4.00
BIO 260	Plant Structures and Function	3.00
BIO 261	Comparative Vertebrate Anatomy	4.00
BIO 270	Animal Behavior	4.00
BIO 271	Marine Biology	4.00
BIO 272	Biology of Parasitism	4.00
BIO 273	Field Botany	4.00
BIO 274	Conservation Biology	4.00
BIO 280	Tropical Field Studies	3.00
BIO 281	Tropical Marine Biology	3.00
BIO 290	Special Topics in Ecology/Evolution	3.00-4.00

Elective Advanced Course

One additional course from either Cellular/Molecular Biology or Ecology/Evolution Advanced courses

Required Co-Related Courses

All of the following:

CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
CHM 21	Organic Chemistry I	4.00
CHM 22	Organic Chemistry II	4.00
CLA 6	Computer Literacy	3.00
MTH 7	Calculus and Analytic Geometry I	4.00
MTH 8	Calculus and Analytic Geometry II	4.00

AND one of the following sequences:

PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00

OR

PHY 11	College Physics I	4.00
PHY 12	College Physics II	4.00

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

B.S. in Biology

A major in biology will automatically fulfill the requirements for admission to almost all graduate programs as well as most medical, dental, and veterinary schools. This degree program covers the fundamentals of biology with opportunities to explore a wide range of subjects such as primate anatomy, human genetics, the plant kingdom, marine biology and microbiology.

The Bachelor of Science degree is ideal for those planning to become doctors, dentists or veterinarians and includes courses in mathematics and computer science. This program is also excellent preparation for such careers as biologist, ecologist, botanist, oceanographer, geneticist, chiropractor, medical technologist, pharmacologist, educator, researcher or nutritionist, to name a few.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Academic Policies

Transfer students entering with one semester of Organic Chemistry and one semester of Biochemistry will satisfy the one-year Organic Chemistry requirement. Transfer students please note that at least 15 advanced Biology credits must be taken in the Biology department at LIU Post.

Candidates for the Bachelor of Science degree in Biology must complete BIO103, 104, 105, by the end of their freshman year and BIO 106, 107, 108, 110 by the end of the junior year. BIO 111, BIO 298, and BIO 299 must be completed by the senior year. Candidates must maintain a GPA of 2.0 or higher.

Molecular Genetics-Cell Concentration:

Students in this concentration must take Bio 109 and four advanced Biology electives, three courses from the cell/molecular advanced electives (BIO 200-249) and at least one course from the ecology/evolution electives (BIO 250-289).

Ecology, Evolution, Behavior Concentration:

Students in this concentration must take Bio 109 and four advanced Biology electives, at least one course from the cell/molecular advanced electives (BIO 200-249) and three courses from the ecology/evolution electives (BIO 250-289). Students interested in pursuing careers in ecology related fields are strongly advised to take BIO 297.

Pre-Medical Sciences Concentration:

Students in this concentration must take BMS 20, CHM 71, BIO 250, and four upper level electives from the following categories:

ANATOMY/PHYSIOLOGY - Students must take either: BIO 200 or BIO 261.

MOLECULAR BIOLOGY - Students must take either: BIO 201, BIO 203, BIO 205, or BIO 240.

BIOMEDICAL SCIENCES - Students must take two of the following: BMS 51, BMS 80, BMS 212, BIO 200, BIO 201, BIO 203, BIO 205, BIO 240, or BIO 261.

It is advisable for Pre-Medical Sciences students to take the admission tests (MCAT, DAT, etc.) in the spring of their Junior year, and they should plan to complete their required Chemistry and Physics no later than the end of that year.

Qualified Juniors and Seniors (3.25 cumulative average) may take up to 12 credits of 500-level graduate courses to satisfy advanced Biology elective credits. Written approval is required from the appropriate academic counselor, chair, and dean. See Graduate Bulletin for listing of courses.

B.S. in Biology

{Program Code: 06974}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Biology must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits

Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 103 and 104)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Biology Courses

All of the following:

BIO 103	General Biology I	4.00
BIO 104	General Biology II	4.00
BIO 105	Research Methods I	1.00
BIO 106	Research Methods II	3.00
BIO 107	Genetics	4.00
BIO 108	Cell Biology	4.00
BIO 110	Evolution	4.00
BIO 111	Capstone Seminar	1.00

Required Biology Research Courses

One of the following:

BIO 298	Undergraduate Research I	2.00
BIO 385	Honors Tutorial	3.00
BIO 386	Honors Tutorial	3.00

AND one of the following:

BIO 299	Undergraduate Research II	2.00
BIO 389	Honors Thesis	3.00
BIO 390	Honors Thesis	3.00

Required Co-Related Courses

All of the following:

CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
CHM 21	Organic Chemistry I	4.00
CHM 22	Organic Chemistry II	4.00
CLA 6	Computer Literacy	3.00
MTH 7	Calculus and Analytic Geometry I	4.00
MTH 8	Calculus and Analytic Geometry II	4.00
PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00

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	4.00
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Required Cellular/Molecular Biology**Courses****Three of the following:**

BIO 200	Comparative Physiology	4.00
BIO 201	Molecular Biology	4.00
BIO 203	Biology of Cancer	3.00
BIO 204	Histology	4.00
BIO 205	Developmental Biology	4.00
BIO 240	Special Topics in Cell/Molecular Biology	3.00- 4.00
BIO 250	Microbiology	4.00

Required Ecology/Evolution Course**One of the following:**

BIO 250	Microbiology	4.00
BIO 251	The Plant Kingdom	3.00
BIO 252	Invertebrate Zoology	4.00
BIO 253	Vertebrate Zoology	4.00
BIO 254	Vertebrate Paleontology	4.00
BIO 255	Marine Mammal Biology	4.00
BIO 260	Plant Structures and Function	3.00
BIO 261	Comparative Vertebrate Anatomy	4.00
BIO 270	Animal Behavior	4.00
BIO 271	Marine Biology	4.00
BIO 272	Biology of Parasitism	4.00
BIO 273	Field Botany	4.00
BIO 274	Conservation Biology	4.00
BIO 280	Tropical Field Studies	3.00
BIO 281	Tropical Marine Biology	3.00
BIO 290	Special Topics in Ecology/Evolution	3.00- 4.00

Ecology/Evolution/Behavior**Concentration****Required Ecology Course**

BIO 109	Ecology	4.00
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Required Cellular/Molecular Biology**Courses****One of the following:**

BIO 200	Comparative Physiology	4.00
BIO 201	Molecular Biology	4.00
BIO 203	Biology of Cancer	3.00
BIO 204	Histology	4.00

BIO 205	Developmental Biology	4.00
BIO 240	Special Topics in Cell/Molecular Biology	3.00- 4.00
BIO 250	Microbiology	4.00

Required Ecology/Evolution Course**Three of the following:**

BIO 250	Microbiology	4.00
BIO 251	The Plant Kingdom	3.00
BIO 252	Invertebrate Zoology	4.00
BIO 253	Vertebrate Zoology	4.00
BIO 254	Vertebrate Paleontology	4.00
BIO 255	Marine Mammal Biology	4.00
BIO 260	Plant Structures and Function	3.00
BIO 261	Comparative Vertebrate Anatomy	4.00
BIO 270	Animal Behavior	4.00
BIO 271	Marine Biology	4.00
BIO 272	Biology of Parasitism	4.00
BIO 273	Field Botany	4.00
BIO 274	Conservation Biology	4.00
BIO 280	Tropical Field Studies	3.00
BIO 281	Tropical Marine Biology	3.00
BIO 290	Special Topics in Ecology/Evolution	3.00- 4.00

Pre-Medical Sciences Concentration**Required Pre-Medical Sciences Courses****All of the following:**

BIO 250	Microbiology	4.00
BMS 20	Introduction to Disease Processes	3.00

Elective Anatomy/Physiology Course**One of the following:**

BIO 200	Comparative Physiology	4.00
BIO 261	Comparative Vertebrate Anatomy	4.00

Elective Molecular Biology Course**One of the following:**

BIO 201	Molecular Biology	4.00
BIO 203	Biology of Cancer	3.00
BIO 205	Developmental Biology	4.00
BIO 240	Special Topics in Cell/Molecular Biology	3.00- 4.00

Elective Biomedical Sciences Advanced Courses**Two of the following:**

BIO 200	Comparative Biology	4.00
BIO 201	Molecular Biology	4.00

BIO 203	Biology of Cancer	3.00
BIO 205	Developmental Biology	4.00
BIO 240	Special Topics in Cell/Molecular Biology	3.00- 4.00
BIO 261	Comparative Vertebrate Anatomy	4.00
BMS 51	Pharmacology	3.00
BMS 80	Immunology	3.00
BMS 212	Pathophysiology II	3.00
CHM 71	Basic Biochemistry	4.00

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 60

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

Joint Programs with College of Education, Information and Technology**B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Science****B.S. in Childhood Education (Grades 1 to 6) with Concentration in Science**

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Science. This 32-credit program consists of two laboratory courses in each of the following four areas: Biology, Chemistry, Earth Science/Geology, and Astronomy/Physics. In this liberal arts and sciences concentration you will gain the broad intellectual background and laboratory training necessary to provide students in the early grades with a basic understanding of the sciences, along with the powers of analysis and synthesis that are vital to mastering any discipline. You will study the foundations of chemistry, biology and the earth sciences. You will delve into the marvels of human anatomy and physiology. You will explore the universe through courses in astronomy and physics. This interdisciplinary approach will not only prepare you to introduce young students to the excitement of scientific inquiry; it will empower you to assist students in integrating ideas and skills, and in developing lifelong a foundation for critical thinking. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the Science concentration, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Biology (Grades

7 to 12)

Students seeking to be initially certified to teach Biology and General Science in secondary schools in New York State should pursue the B.S. in Adolescence Education: Biology (Grades 7 to 12). This degree combines 31 credits of Biology, 24 credits of co-related science and mathematics courses with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

MINORS

Minor in Biology

Undergraduate students who are pursuing a major in another subject area can apply 25 credits of elective courses toward a minor in Biology. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Biology Requirements

Required Biology Courses

All of the following:

BIO	103	General Biology I	4.00
BIO	104	General Biology II	4.00
BIO	107	Genetics	4.00
BIO	108	Cell Biology	4.00
BIO	109	Ecology	4.00
BIO	110	Evolution	4.00
BIO	111	Capstone Seminar	1.00

Credit and GPA Requirements

Minimum Total Credits: 25

Minimum Minor GPA: 2.25

Biology Courses

BIO 1 Foundations of Biology I

An introduction to the basic biological principles underlying the ways in which living organisms function. Topics such as the scientific method, cellular metabolism, cell division, heredity, and genetic engineering will be covered.

Three hours lecture, three hours laboratory.

Credits: 4

Every Fall, Spring and Summer

BIO 2 Foundations of Biology II

An introduction to biodiversity and the basic evolutionary and ecological principles underlying the ways in which populations, communities, and ecosystems function. Topics such as population growth, natural selection, animal behavior, and food webs will be covered.

Three hours lecture, three hours laboratory.

Pre requisite of BIO 1 is required

Credits: 4

Every Fall, Spring and Summer

BIO 7 Human Anatomy and Physiology I

This course covers the structure and function of the human body, including basic biochemistry, cell structure, cell division, cell respiration, tissue composition, genetics, and the nervous and endocrine systems. Laboratory focuses on relevant physiological experiments and histology.

Three hours lecture, three hours laboratory.

Credits: 4

Every Fall and Summer

BIO 8 Human Anatomy and Physiology II

This course covers the body's organ systems in detail, including the musculo-skeletal, cardiovascular, lymphatic, immune, respiratory, excretory, digestive, and reproductive systems. Relevant dissection, histological studies, and physiology are all featured in the laboratories.

Three hours lecture, three hours laboratory.

Pre-requisite BIO 7 is required.

Credits: 4

Every Spring and Summer

BIO 9 Gross Primate Anatomy

This course is an advanced laboratory study of primate morphology with heavy emphasis on human morphology. The detailed structure of all human organs and organ systems is thoroughly covered. A representative primate specimen is dissected.

Cannot be used for Biology elective credit.

Two hours lecture, two hours laboratory.

Pre-requisite of not having taken (BIO 16 or BIO 118) and BIO 7 and BIO 8 or BIO 261 is required.

Credits: 3

Every Fall

BIO 10 Primate Sectional Anatomy

This course is a detailed laboratory study of primate sectional anatomy with emphasis on human

sectional anatomy. Transverse, sagittal, and frontal whole body sections of a representative primate are studied.

Cannot be used for Biology elective credit.

Four hours laboratory.

Pre-requisite of not having taken (BIO 19 or BIO 119) and BIO 9 is required.

Credits: 3

Every Spring

BIO 85 Literacy in the Experimental Sciences

This course introduces students to the special ways of approaching and utilizing texts characteristic of the experimental sciences. Students will learn to critically interpret readings, quantitative data including graphical and statistical charts and tables as well as learning to present material in a variety of documentation styles used in the sciences. Through an emergent understanding of the unifying concepts underlying the scientific approach, students will actively pursue communication of the conceptual systems involved and the pedagogical integration of these into their boarder approaches to science and its meaningful communication. This course provides an overview of how knowledge is acquired and presented in the laboratory sciences. Same as CHM 86 and ERS 85.

Same as CHM 86 and ERS 85.

Credits: 3

Every Fall

BIO 103 General Biology I

Processes fundamental to all living things such as energy utilization, growth, development, and reproduction will be examined from the perspective of the cellular and molecular mechanisms involved. The goal will be a comprehension of the functioning of the living organism as embedded in the integration of these fundamental biological mechanisms.

Three hours lecture, three hours laboratory.

Credits: 4

Every Fall and Spring

BIO 104 General Biology II

This course introduces patterns and processes of organisms and groups of organisms with emphasis on their origin, evolution, and the relationships among them and their environments. Topics include evolution, population genetics, systematics, animal behavior and ecology.

Three hours lecture, three hours laboratory.

Pre-requisite BIO 103 is required. Pre-requisite of not having taken BIO 15 or BIO 4 is required.

Credits: 4

Every Fall and Spring

BIO 105 Research Methods I

This course will cover aspects of the scientific method as it relates to biology. Students will read primary scientific literature, attend departmental seminars, and write and give oral critiques of the research and seminars. Emphasis is placed upon establishing competency in reading and communicating the science of biology.

Credits: 1

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.

Pre-requisite of BIO 103 & 105 are required.

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 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.

Prerequisites of BIO 103, 104 and Prerequisite or Co-requisite of BIO 107 are required.

Credits: 4

Every Fall

BIO 109 Ecology

This course is an introduction to relationships existing among organisms and between organisms and their environment. Emphasis is placed on learning the basic ecological processes that govern 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.

Prerequisite of BIO 107 is required.

Credits: 4

Every Spring

BIO 111 Capstone Seminar

Students take this course in the senior year. The course requires students to attend regularly scheduled department seminars. Students read research articles to prepare themselves for seminars and are required to submit written summaries and critiques from these seminars. Students also review core concepts from ecology, evolution, cell and molecular biology, as well as genetics to prepare themselves for the Biology Department's comprehensive qualifying exam, taken as partial fulfillment of the requirements for this course.

Prerequisites of BIO 107, 108, and 110 are required.

Credits: 1

Every Fall and Spring

BIO 121 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

On Occasion

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.

Prerequisite 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.

Prerequisite of BIO 107 is required.

Credits: 4

On Occasion

BIO 203 Biology of Cancer

Several topics, such as genetics, immunology, cell biology, virology, and chemical pollution of the environment, are treated within the context of their relevancy to investigating and understanding the nature of cancer.

Prerequisite of BIO 107 is required.

Credits: 3

On Occasion

BIO 204 Histology

This course covers the structure and function of the tissues and organs of the body as revealed by microscopic analysis.

Three hours lecture, three hours laboratory.

Prerequisite of BIO 107 is required.

Credits: 4

On Occasion

BIO 205 Developmental Biology

This course covers the developmental processes of animals from zygote 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

On Occasion

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

On Occasion

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

On Occasion

BIO 251 The Plant Kingdom

A survey of the major plant groups from an

evolutionary perspective with emphasis on trends in anatomy, gross structure, and reproductive strategies. Evidence from fossil record is examined.

The course includes both lab and field exercises.

Two hours lecture, two hours laboratory/field work.

Prerequisite of BIO 107 is required.

Credits: 3

On Occasion

BIO 252 Invertebrate Zoology

This course covers major invertebrate phyla with emphasis on evolution, taxonomy, structure, physiology, ecology and laboratory dissection of representative types.

Three hours lecture, three hours laboratory.

Prerequisite of BIO 107 is required.

Credits: 4

On Occasion

BIO 253 Vertebrate Zoology

This course is an introduction to the phylum chordata with an emphasis on the vertebrates.

Evolutionary relationships among the vertebrates are considered as well as aspects of ecology, behavior, anatomy, and physiology. Field and laboratory studies, utilizing mainly fish, amphibians, reptiles, and small mammals, emphasize the ecology, behavior and physiology of vertebrates.

Three hours lecture, three hours laboratory.

Prerequisite of BIO 107 is required.

Credits: 4

On Occasion

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 255 Marine Mammal Biology

This course will cover the biology of the major groups of marine mammals, including cetaceans, pinnipeds and sirenians, as well as the sea otter and polar bear. Topics to be covered include evolutionary history and adaptation to the marine environment, thermoregulation, locomotion and foraging, diving physiology and behavior, communication and sensory systems, social behavior, reproduction, energetics, distribution patterns, exploitation and conservation.

Three hours lecture, three hours laboratory/museum visits.

Prerequisite of BIO 107 is required.

Credits: 4

On Occasion

BIO 260 Plant Structures and Function

This course is an introduction to the form and function of the plant body, including morphology and anatomy, primary and secondary growth and differentiation, floral development and structure, photosynthesis, mineral nutrition, hormone action, transport, gas exchange, and metabolism.

Two hours lecture, two hours laboratory.

Prerequisite of BIO 107 is required.

Credits: 3

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 272 Biology of Parasitism

This course is an introductory study of the adaptations, ecology, and life histories of parasitic protozoans, invertebrates, and plants. Human-parasite interaction from an ecological and evolutionary perspective will be emphasized.

Three hours lecture, three hours laboratory.

Prerequisite of BIO 107 is required.

Credits: 4

On Occasion

BIO 273 Field Botany

This course is a study of the kinds of vascular plants and their ecological relationships. Study indicates representative families, community ecology, and

methods of identification, evolution, systematic, and nomenclature.

Three hours lecture, three hours fieldwork.

Prerequisite of BIO 107 is required.

Credits: 4

On Occasion

BIO 274 Conservation Biology

This course will provide biology and environmental science students with an overview of the rapidly growing field of conservation biology. We will focus on biological processes of relevance to conservation at the species, population and community levels, including evolution, population genetics, and ecology. The major threats to global biodiversity will be examined, as well as various actions that have been taken to slow its loss. We will also introduce management issues such as sustainable development, reserve design and conservation law enforcement. Laboratory sessions will utilize materials available through the American Museum of Natural History's Center for Biodiversity and Conservation program for Conservation Educators, including problem-solving exercises, debates, and web-based interactive exercises. Students will work in small groups on these assignments, and present their results to the class. In addition, students will read articles from the primary literature and lead discussions of these papers, answering questions designed to extract the main points from each.

Three hours lecture, three hours laboratory.

Prerequisite of BIO 107 is required.

Credits: 4

On Occasion

BIO 280 Tropical Field Studies

This course is designed to provide students interested in tropical environments with brief but intense experience in a variety of terrestrial, arboreal, and aquatic habitats. The focus of this course will be on project-oriented field studies (observational and experimental) that incorporate and emphasize the scientific method. Student projects will address issues of interest in ecology and tropical biology. These projects may involve 1) the entire class, 2) small groups of students, 3) individuals. Another important component of this course will involve learning about the indigenous people of region studied (e.g., ethnobotany). 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 to 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 290 Special Topics in Ecology/Evolution

Different faculty members will cover different topics in fields related to ecology and/or evolution 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.

Prerequisites of BIO 107, 108, and 110 are required.

Credits: 3 to 4

On Occasion

BIO 297 Experimental Design and Data Analysis

This course will cover elements of experimental design and data analysis. Statistical concepts relating to parametric and non-parametric analyses, correlation and regression, and distribution tests are covered. Emphasis is placed on designing controlled experiments that produce data sets that can be quantitatively analyzed with basic statistical procedures.

Three hours lecture, three hours laboratory.

Prerequisite of BIO 107 is required.

Credits: 4

On Occasion

BIO 298 Undergraduate Research I

An opportunity for the eligible sophomore, junior, or senior to become acquainted with the research process in the biological sciences either in the laboratory of a faculty member or in the laboratory of an outside research institution. Report to be submitted at the conclusion of the work.

Credits: 2

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: 2

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

BIO 422 Biology of the Mind: Brain, Hormones and Behavior

The intention of this course is to introduce students to the basic neuroendocrine mechanisms that dictate human behavior. Most people are intrigued by the workings of the brain: both on a philosophical level (why do we think/feel/ behave?) and on a physiological level (how do we think/feel/ behave?). The main focus of this class will be the physiological aspects of the mind, including basic neurobiology, an introduction to the endocrine system (glands and hormones) and the expression of typical behaviors.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

BIO 423 Evolution: Basic Concepts and Modern Evidence

The intention of this course is to introduce students to the basic concepts in evolution as well as to explore the most recent evidence supporting the theory. Evolution is without a doubt the most significant unifying concept in Biology, yet it remains controversial and poorly understood in the lay public, and even among scientists. There is a long-standing and heated debate between evolutionary scientists and creationists that continue to rage today. Creationists attempt to legitimize "Intelligent Design" as a valid alternative to the theory of evolution, while scientists assert that, unlike the theory of evolution, which can be tested by experiment and observation, "Intelligent Design" is based upon premises that cannot be tested. The aim of this course is to demystify the theory of evolution by focusing on mechanisms and evidence.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

BIO 424 Modern Genetics

The course will discuss fundamental genetic concepts and how they apply to modern DNA

technology. Topics covered will include DNA replication, transcription, translation, gene expression, phylogenetics and genomics and how they relate to such advances as PCR, DNA sequencing, gene mapping, cloning, genetically modified organisms and microarray analysis.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

DEPARTMENT OF CHEMISTRY

Phone: 516-299-2492

Fax: 516-299-3944

Chair: Professor Fainzilberg

Associate Professor: Ramer

Assistant Professors: Zhang

Adjunct Faculty: 8

The Department of Chemistry offers Bachelor of Arts in Chemistry. A minor in Chemistry is also available. Students with advanced standing from high school can petition for a waiver of the first-year introductory course.

The Department also offers the B.S. in Forensic Science with the Dept. of Biomedical Sciences in the School of Health Professions and Nursing.

Students can combine a major in Chemistry with a program in the College of Education, Information and Technology and earn a B.S. in Adolescence Education: Chemistry. This degree will satisfy the requirements for initial certification to teach Chemistry in grades 7 to 12. In conjunction with the College of Education, Information and Technology, the Department of Chemistry offers courses which are part of the concentration in Science for the B.S. in Early Childhood Education (Birth to Grade 2) and the B.S. in Childhood Education (Grades 1 to 6).

We take pride in the fact that our graduates find employment in pharmaceutical and chemical companies and school districts soon after graduation, or continue their education toward the M.S. or Ph.D. in Chemistry in the finest graduate schools, including Ivy League universities. Many of our alumni also enroll in medical school.

B.A. in Chemistry

Chemistry focuses on the fundamental understanding of substances – their structure, composition, properties and transformations. Majoring in this science is ideal preparation for a broad variety of scientific careers, including medicine, dentistry and other health fields; pharmaceuticals, forensic science, metallurgy, plastics, engineering, agriculture, biotechnology and environmental science, among others.

This 120-credit Bachelor of Arts program is organized around a progression of required courses in “Principles of Chemistry,” “Organic Chemistry,” “Quantitative Analysis,” “Inorganic Chemistry,” and “Physical Chemistry,” plus two electives chosen from: “Spectroscopic Identification of Organic Compounds,” “Analytical Instrumentation,” “Advanced Organic Chemistry,” “Advanced Inorganic Chemistry,” “Basic Biochemistry” or Senior Research.

The B.A. in Chemistry provides an excellent foundation for further study at the graduate level. Students preparing for careers in medicine,

dentistry and other health fields can generally meet professional schools’ entrance requirements by combining the B.A. in Chemistry with appropriate Biology courses. LIU Post’s Pre-Medical Sciences Advisement Committee advises students on admission requirements for entry into professional schools and how to prepare for the MCAT (Medical College Admissions Test), DAT (Dental Admissions Test) or other examinations.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. When students have completed fewer than 24 credits, they must also submit high school transcripts and SAT/ACT scores.

B.A. in Chemistry

{Program Code: 07067}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Chemistry must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (CHM 3 and 4)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Chemistry Courses

All of the following:

CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
CHM 5	Inorganic Chemistry	2.00
CHM 21	Organic Chemistry I	4.00
CHM 22	Organic Chemistry II	4.00
CHM 30	Searching the Chemical Literature	1.00
CHM 37	Quantitative Analysis	4.00
CHM 55	Physical Chemistry I	4.00

CHM 56	Physical Chemistry II	4.00
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Elective Chemistry Courses

Two of the following:

CHM 24	Spectroscopic Identification of Organic Compounds	3.00
CHM 38	Analytical Instrumentation	4.00
CHM 39	Forensic Instrumental Analysis	3.00
CHM 48	Advanced Inorganic Chemistry	4.00
CHM 71	Basic Biochemistry	4.00
CHM 85	Advanced Organic Chemistry	3.00

OR one course above and one of following:

CHM 98	Senior Research I	3.00
CHM 385	Honors Tutorial	3.00
CHM 386	Honors Tutorial	3.00

AND one of the following:

CHM 99	Senior Research II	3.00
CHM 389	Honors Thesis	3.00
CHM 390	Honors Thesis	3.00

Required Co-Related Courses

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
PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

B.S. in Forensic Science

Phone: 516-299-3071

Fax: 516-299-3998

Director: Harten

Research Coordinator – Buffolino

Forensic science is the 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 120-credit 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.

The Bachelor of Science in Forensic Science degree is offered jointly through the Department of Biomedical Sciences in the School of Health Professions and Nursing and the Department of Chemistry in the College of Liberal Arts and Sciences.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Academic Policies

Students who are either part-time or full-time can pursue the undergraduate degree program in forensic science. Students desiring to continue in the program must maintain a minimum GPA of 2.00 in the major courses.

B.S. in Forensic Science

{Program Code: 28326}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Forensic Science must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (CHM 3 and 4)

Language/Literature	6 credits
Mathematics	4 credits (MTH 3 or MTH 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Students completing this degree are also eligible for a minor in Chemistry. Please see advisor to declare minor officially.

Required Foundation Courses

All of the following:

Note: CHM 3 has a pre-requisite of MTH 3 or a co-requisite of MTH 7.

BIO 103	General Biology I	4.00
BIO 104	General Biology II	4.00
CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
CHM 21	Organic Chemistry I	4.00
CHM 22	Organic Chemistry II	4.00

AND one of the following:

BIO 141	Biostatistics	3.00
ECO 72	Statistics	3.00
MTH 19	Basic Statistics	3.00
MTH 23	Foundations of Statistical Analysis	3.00
PSY 53	Psychological Statistics I	4.00
SOC 53	Sociological Statistics	3.00

AND one of the following sequences:

PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00

OR

PHY 11	College Physics I	4.00
PHY 12	College Physics	4.00

Required Specialized Science Courses

All of the following:

BIO 107	Principles of Human Genetics	4.00
BMS 80	Immunology	3.00
BMS 256	Diagnostic Techniques in Molecular Pathology	4.00
CHM 37	Quantitative Analysis	4.00
CHM 71	Basic Biochemistry	4.00

Required Forensic Science Courses

All of the following:

ANT 51	Forensic Anthropology	3.00
BMS 71	Introduction to Criminalistics	3.00
BMS 255	Toxicology	3.00

BMS 257	Forensic Molecular Techniques	4.00
BMS 271	Forensic Science Internship	2.00
CHM 39	Forensic Instrumentation	4.00
CRJ 76	Criminal Procedure	3.00

Recommended Elective courses: CHM 24, BIO 201, BMS 90 or BIO 250, BMS 51, 63, 244, PSY 43 or CRJ 35, CRJ 47, PHI 19

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Science

B.S. in Childhood Education (Grades 1 to 6) with Concentration in Science

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Science. This 32-credit program consists of two laboratory courses in each of the following four areas: Biology, Chemistry, Earth Science/Geology, and Astronomy/Physics. In this liberal arts and sciences concentration you will gain the broad intellectual background and laboratory training necessary to provide students in the early grades with a basic understanding of the sciences, along with the powers of analysis and synthesis that are vital to mastering any discipline. You will study the foundations of chemistry, biology and the earth sciences. You will delve into the marvels of human anatomy and physiology. You will explore the universe through courses in astronomy and physics. This interdisciplinary approach will not only prepare you to introduce young students to the excitement of scientific inquiry; it will empower you to assist students in integrating ideas and skills, and in developing lifelong a foundation for critical thinking. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the Science concentration, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Chemistry (Grades 7 to 12)

Students seeking to be initially certified to teach Chemistry and General Science in secondary

schools in New York State should pursue the B.S. in Adolescence Education: Chemistry (Grades 7 to 12). This degree combines 34 to 40 credits of Chemistry, 16 credits of co-related physics and mathematics courses with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

MINORS

Minor in Chemistry

Undergraduate students who are pursuing a major in another subject area can apply 21 to 24 credits of elective courses toward a minor in Chemistry.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Chemistry Requirements

Required Chemistry Courses

All of the following:

CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
CHM 37	Quantitative Analysis	4.00

AND one of the following groups:

CHM 21	Organic Chemistry I	4.00
CHM 22	Organic Chemistry II	4.00

OR

CHM 5	Inorganic Chemistry	2.00
CHM 25	Basic Organic Chemistry	4.00

Elective Chemistry Courses

One of the following:

CHM 24	Spectroscopic Identification of Organic Compounds	3.00
CHM 55	Physical Chemistry I	4.00
CHM 71	Basic Biochemistry	4.00

Credit and GPA Requirements

Minimum Total Credits: 21-24

Minimum Minor GPA: 2.25

Minors in Forensics

A minor in forensics (18-26 credits) can help the biology, chemistry, pre-law, criminal justice, sociology, social work or psychology student prepare for work upon graduation. The minor will expand a student's understanding of how forensics is relevant to their major area of study. The minor

can enhance a student's resume or simply satisfy personal interest in this fascinating field. The student can choose one of four options on which to focus:

- scientific investigation sub-disciplines (chemistry and genetics)
- profiling (forensic psychology)
- crime-solving (criminalistics).

This array of possible minors provides entry to many students pursuing different majors. The minors also allow students that may have been admitted as forensic science majors but choose other majors later in their college career to still show perspective employers that they have acquired knowledge in an area of forensic science.

Minor in Forensic Chemistry

Requirements

Required Forensic Chemistry Courses

All of the following:

BMS 71	Introduction to Criminalistics	3.00
BMS 255	Toxicology	3.00
CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
CHM 21	Organic Chemistry I	4.00
CHM 22	Organic Chemistry II	4.00
CHM 24	Spectroscopic Identification of Organic Compounds	3.00

Credit and GPA Requirements

Minimum Total Credits: 25

Minimum Minor GPA: 2.25

Minor in Forensic Genetics

Requirements

Required Forensic Genetics Courses

All of the following:

BIO 103	General Biology I	4.00
BIO 104	General Biology II	4.00
BIO 107	Genetics	4.00
BMS 71	Introduction to Criminalistics	3.00
BMS 80	Immunology	3.00
BMS 256	Diagnostic Techniques in Molecular Pathology	4.00
BMS 257	Forensic Molecular Techniques	4.00

Credit and GPA Requirements

Minimum Total Credits: 26

Minimum Minor GPA: 2.25

Minor in Forensic Psychology

Requirements

Required Forensic Psychology Courses

All of the following:

BMS 71	Introduction to Criminalistics	3.00
CRJ 33	Deviant Behavior	3.00
PSY 1	General Psychology I	3.00
PSY 2	General Psychology II	3.00

Elective Forensic Psychology Courses

Two of the following:

CRJ 35	Forensic Psychology and the Violent Criminal	3.00
CRJ 36	Forensic Psychology and the Criminal Justice System	3.00
CRJ 43	Juvenile Delinquency	3.00

Credit and GPA Requirements

Minimum Total Credits: 18

Minimum Minor GPA: 2.25

Minor in Criminalistics

Requirements

Required Criminalistics Courses

ANT 51	Forensic Anthropology	3.00
BMS 71	Introduction to Criminalistics	3.00
CRJ 23	Theories of Crime	3.00
CRJ 52	Criminal and Civil Investigation	3.00
CRJ 76	Criminal Procedure	3.00
PSY 43	Forensic Psychology: The Law and Human Behavior	3.00

Credit and GPA Requirements

Minimum Total Credits: 18

Minimum Minor GPA: 2.25

Chemistry Courses

CHM 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 Fall

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 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.

Prerequisite of MTH 3 or 3S 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 colligative properties, kinetics, chemical equilibria, acid-base chemistry, chemical thermodynamics, and electrochemistry.

Three hours lecture, three hours laboratory.

Prerequisite of CHM 3 is required. Not open to students who have taken CHM 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.

Credits: 4

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 systematized 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 on-line searching of various databases with emphasis on Chemical Abstracts. Required for all Chemistry Majors (B.A., B.S, B.S. in Adolescence Education: Chemistry).

Prerequisites of CHM 21 or 25 is required.

Credits: 1

Every Spring

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.

Pre-requisite 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.

Pre-requisite CHM 56 is required.

Credits: 4

Every Fall

CHM 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 Spring

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.

Pre-requisite (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.

Pre-requisite CHM 22 or CHM 25 is required.

Credits: 4

Every Spring

CHM 77 Biochemistry

This course covers the chemical aspects of cell components and tissues. The emphasis is on bioenergetics and the biochemistry of macromolecules, especially proteins, enzymes, and nucleic acids. General biochemistry of other components of living matter is covered.

Prerequisite of CHM 55.

Credits: 3

On Occasion

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 Fall

CHM 86 Literacy in the Experimental Sciences

This course introduces students to the special ways of approaching and utilizing texts characteristic of the experimental sciences. Students will learn to critically interpret readings, quantitative data including graphical and statistical charts and tables as well as learning to present material in a variety of documentation styles used in the sciences. Through an emergent understanding of the unifying concepts underlying the scientific approach, students will actively pursue communication of the conceptual systems involved and the pedagogical integration of these into their boarder approaches to science and its meaningful communication. This course provides and overview of how knowledge is acquired and presented in the laboratory sciences. Same as BIO 85 and ERS 85.

Credits: 3

Every Fall

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 98 Senior Research I

This course is the first part of a two-semester research sequence, conducted under the supervision of a faculty adviser. The adviser 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

CHM 301 Chemistry in Daily Life I - Honors Core

An introduction to principles of chemistry,

including a study of atoms, molecules, atomic and molecular structure, chemical bonding and reactions. These principles are used to explain current topics in chemistry, such as air and water pollution, food additives, drugs, polymers and chemical toxicology. The laboratory emphasizes applications of chemical principles. The course can be used for Science Core credit.

Three hours lecture, three hour laboratory.

Prerequisite of Honors Program is required.

Credits: 4

Every Fall

CHM 302 Chemistry in Daily Life II - Honors Core

A continued study of the principles of chemistry, including electron transfer, nuclear fission/fusion and basic organic reactions. These principles are used to explain current topics in chemistry, such as drug design, polymers, fuel cells, forensic chemistry, biochemistry and genetics. The laboratory utilizes everyday examples to emphasize these chemical principles. The course can be used for Science Core credit.

Three hours lecture, three hours laboratory.

Prerequisite of CHM 1 or CHM 301 is required. .

Credits: 4

Every Spring

DEPARTMENT OF CRIMINAL JUSTICE

Phone: 516-299-2467

Fax: 516-299-2587

Chair: Professor Kushner

Associate Professor: O'Connor

Assistant Professor: Valentine

Adjunct Faculty: 12

The undergraduate criminal justice program provides an ideal foundation for careers in the 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.

In the B.A. in Criminal Justice and accelerated five-year B.A./M.S. in Criminal Justice programs, each sequence is studied in detail in 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 within 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. A minor in criminal justice is also available to students in other majors.

B.A. in Criminal Justice

The 120-credit Bachelor of Arts degree program in Criminal Justice is designed to meet the demands for professionals working in policing, corrections, prosecution and pretrial services, probation, parole, juvenile services, public safety, victim services, civil and family courts, homeland security, international security, and other related fields. In addition to our core curriculum, which thoroughly explores the theory and practice of the criminal justice system, you can choose from elective courses that focus on a particular area of interest. The curriculum will expose you to the latest trends in theory and technology that impact criminal justice.

All students receive invaluable, hands-on training in the field of criminal justice in our experienced-based practica program. Students who perform at an outstanding level also will have the opportunity to attend the Justice Semester at

American University in Washington, D.C.

LIU Post alumni are law enforcement officers, federal agents, security officers, prosecutors, corrections counselors, judges, attorneys, private security professionals, homeland security agents, forensic technologists, crime lab technicians, emergency managers, FBI agents and social service professionals. Many of our graduates enroll in the Master of Science degree program in Criminal Justice at LIU Post or attend law school.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. When students have completed fewer than 24 credits, they must also submit high school transcripts and SAT/ACT scores.

Academic Policies

All non-Criminal Justice majors may take any criminal justice course without any prerequisites.

All Criminal Justice majors are required to take CRJ 11 and 23 as prerequisites or co-requisites for CRJ 20, 30, 37, 38, 41, 44, 68, 76 and 85. There are no prerequisites for Criminal Justice elective courses.

Criminal justice majors must take CRJ 20 and 85 in their senior year.

In-service students may substitute CRJ 85 by completing two advanced courses in Criminal Justice.

B.A. in Criminal Justice

{Program Code: 07077}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Criminal Justice must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Undergraduate Core Curriculum section of this bulletin.

Major Requirements

Required Criminal Justice Courses

All of the following:

CRJ 11	Introduction to Criminal Justice	3.00
CRJ 20	Critical Issues in Criminal Justice	3.00
CRJ 23	Theories of Crime	3.00
CRJ 30	Gender and the Law	3.00
CRJ 37	Foundation for Scholarship	3.00
CRJ 38	Methods of Criminal Justice Research	3.00
CRJ 41	Criminal Law	3.00
CRJ 44	The Police and Community Relations	3.00
CRJ 68	Correctional Philosophy: Theory and Practice	3.00
CRJ 76	Criminal Procedure	3.00
CRJ 85	Criminal Justice Practicum	6.00

Elective Criminal Justice Courses

Three courses/nine credits from all CRJ or CSA courses excluding 300-level Honors courses

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

DUAL DEGREE PROGRAMS

Accelerated B.A./M.S. in Criminal Justice

This program allows students to earn a Bachelor of Arts and Master of Science degree in Criminal Justice in as few as five years. You may apply at the beginning of your junior year, and then earn 12 credits toward the master's degree in your senior year, and complete the program in one additional year by taking 24 more credits.

The 144-credit accelerated program combines a broad-based liberal arts 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 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. Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. When students have completed fewer than 24 credits, they must also submit high school transcripts and SAT/ACT scores.

- Admission to the upper division of the B.A./M.S. in Criminal Justice program (master's degree level) 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 chairman of the graduate program in the Department of Criminal Justice. If the student does not possess the necessary 3.0 average, the chairman may employ other criteria to insure 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 CRJ 11 and 23 as prerequisites or co-requisites for CRJ 20, 30, 37, 38, 41, 44, 68, 76 and 85. There are no prerequisites for Criminal Justice elective courses.

Criminal justice majors must take CRJ 20 and 85 in their senior year.

In-service students may substitute CRJ 85 by completing two advanced courses in Criminal Justice.

B.A./M.S. in Criminal Justice

{Program Code: 79459}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.A./M.S. in Criminal Justice must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Undergraduate Criminal Justice

Courses

All of the following:

CRJ 11	Introduction to Criminal Justice	3.00
CRJ 20	Critical Issues in Criminal Justice	3.00
CRJ 23	Theories of Crime	3.00
CRJ 30	Gender and the Law	3.00
CRJ 37	Foundation for Scholarship	3.00
CRJ 38	Methods of Criminal Justice Research	3.00
CRJ 41	Criminal Law	3.00
CRJ 44	The Police and Community Relations	3.00
CRJ 68	Correctional Philosophy: Theory and Practice	3.00
CRJ 76	Criminal Procedure	3.00
CRJ 85	Criminal Justice Practicum	6.00

Elective Undergraduate Criminal Justice

Courses

Three courses/nine credits from all CRJ or CSA courses excluding 300-level Honors courses

Required Graduate Criminal Justice Courses

All of the following:

CRJ 555	Technology and the Criminal Justice System	3.00
CRJ 690	Theories of Crime Causation	3.00
CRJ 699	Foundations of Scholarship	3.00
CRJ 700	Research Design and Methods	3.00
CRJ 707	Thesis Research	3.00
CRJ 708	Thesis Consultation	3.00

Students must choose from graduate concentrations in General Criminal Justice Studies, Fraud Examination or Security Administration.

General Criminal Justice Concentration Requirements

Required Graduate General Criminal Justice Concentration Course

CRJ 675	Critical Issues in Law and Society	3.00
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Elective Graduate General Criminal Justice Concentration Courses

Five courses/fifteen credits of the following:

CRJ 523	Computers and the Criminal Justice System	3.00
CRJ 525	Teaching Criminal Justice	3.00

CRJ 529	Effectiveness of Prevention and Treatment Programs	3.00
CRJ 530	Victimology	3.00
CRJ 536	Introduction to Forensic Technology	3.00
CRJ 540	Employment Discrimination Law	3.00
CRJ 552	Communications and the Criminal Justice System	3.00
CRJ 560	Funding and Grant Evaluation	3.00
CRJ 565	Interpersonal Relations in Administration	3.00
CRJ 570	Seminar in Criminal Justice	3.00
CRJ 577	Police and Professionalism	3.00
CRJ 582	Psychiatry and the Law	3.00
CRJ 585	Seminar in Court Administration	3.00
CRJ 600	Advanced Standing Criminal Justice I	3.00
CRJ 601	Advanced Standing Criminal Justice II	3.00
CRJ 630	Forensic Psychology	3.00
CRJ 631	Seminar in Organized Crime	3.00
CRJ 635	The Mass Murderer and the Violent Criminal	3.00
CRJ 640	Seminar in the Administration of Juvenile Justice	3.00
CRJ 647	Forensic Investigation of Fire, Arson and Explosions	3.00
CRJ 650	Class and Social Structure	3.00
CRJ 652	Seminar on the Grand Jury and the Petit Jury	3.00
CRJ 655	Counseling in Criminal Justice	3.00
CRJ 656	Managerial Supervision	3.00
CRJ 658	Crisis Intervention in Criminal Justice	3.00
CRJ 660	Principles and Methods of Rehabilitation of Offenders	3.00
CRJ 665	Criminal Justice Response to Domestic Violence	3.00

CRJ	670	Narcotic Addiction, Alcoholism and Crime	3.00
CRJ	680	Graduate Internship	3.00
CRJ	686	Seminar in Justice	3.00
CRJ	689	Planning and Management	3.00
CRJ	697	Workload Management	3.00
CRJ	698	Crime and Criminality in Cinematography	3.00
CRJ	734	Forensic Homicide Investigation	3.00
CRJ	760	Terrorism	3.00
CRJ	801	Introduction to Fraud Examination	3.00
CRJ	802	Methods of Fraud Examination	3.00
CRJ	803	Auditing Principles in Fraud Examination	3.00
CRJ	804	Professional Accounting Standards in Fraud Examination	3.00
CRJ	805	Fraud Examination and the Law	3.00
CRJ	806	Ethics in Fraud Examination	3.00
CSA	546	Theories of Private Security and Loss Prevention	3.00
CSA	571	Private Security Administration	3.00
CSA	581	Security of Intellectual Property	3.00
CSA	582	Instructing Security Trainers	3.00
CSA	583	Security Law	3.00
CSA	587	Institutional Security Planning	3.00
CSA	593	Investigation Management	3.00

Fraud Examination Concentration Requirements

Required Graduate Fraud Examination Concentration Courses

All of the following:

CRJ	801	Introduction to Fraud Examination	3.00
CRJ	802	Methods of Fraud Examination	3.00
CRJ	803	Auditing Principles in Fraud Examination	3.00

CRJ	804	Professional Accounting Standards in Fraud Examination	3.00
CRJ	805	Fraud Examination and the Law	3.00
CRJ	806	Ethics in Fraud Examination	3.00

Security Administration Concentration Requirements

Required Graduate Security Administration Concentration Course

CRJ	675	Critical Issues in Law and Society	3.00
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Elective Graduate Security Administration Concentration Courses

Five courses from the following:

CSA	546	Theories of Private Security and Loss Prevention	3.00
CSA	571	Private Security Administration	3.00
CSA	581	Security of Intellectual Property	3.00
CSA	582	Instructing Security Trainers	3.00
CSA	583	Security Law	3.00
CSA	587	Institutional Security Planning	3.00
CSA	593	Investigation Management	3.00

Credit and GPA Requirements

Minimum Total Credits: 144
 Minimum Total Undergraduate Credits: 108
 Minimum Graduate Credits: 36 (all concentrations)
 Minimum Undergraduate Liberal Arts Credits: 90
 Minimum Undergraduate Major GPA: 3.00
 Minimum Undergraduate Cumulative GPA: 3.00
 Minimum Graduate GPA: 3.00

MINORS

Minor in Criminal Justice

Undergraduate students who are pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in Criminal Justice. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Criminal Justice Requirements

Required Criminal Justice Courses

All of the following:

CRJ	11	Introduction to Criminal Justice	3.00
CRJ	23	Theories of Crime	3.00
CRJ	41	Criminal Law	3.00
CRJ	68	Correctional Philosophy: Theory and Practice	3.00

Elective Criminal Justice Courses

Two courses/six credits from all CRJ or CSA courses numbered 1 through 299 excluding Honors courses

Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Minor GPA: 2.25

Criminal Justice Courses

CRJ 11 Introduction to Criminal Justice

This course covers agencies and processes involved in the administration of criminal justice. It surveys the roles of the police, district attorney, courts, probation, corrections and parole.

Credits: 3

Every Fall and Spring

CRJ 14 Courts and the Criminal Justice System

This course covers American Courts - what they do in practice; how they function and why. The dynamics of the courthouse is explored with emphasis on the trial courts for adult offenders. The question of guilt or innocence as defined by law, what penalties should be imposed, and the rules of criminal procedure to be followed are considered in the framework of functioning courts. Problems and reforms are probed.

Credits: 3

On Occasion

CRJ 16 International Criminal Justice Systems

This course examines the origins of law and its evolution over time and is an overview of criminal justice systems in selected countries ancient and modern. The comparative examination of American and foreign justice systems is covered.

Credits: 3

On Occasion

CRJ 20 Critical Issues in Criminal Justice

This course reviews contemporary issues in criminal justice. Issues such as court administration, fourth and fifth amendment rights, issues of due process, use of insanity plea, American women and crime, comparative studies in delinquency prevention, capital punishment, crime trends, sentence disparity, alternatives to incarceration, parole and probation, racism in the criminal justice system, etc. are included.

Co-requisite of CRJ 11 and 23 are required for all CRJ majors.

Credits: 3

Every Fall and Spring

CRJ 21 Drug Scenes

This course covers social and psychological correlates of drug and alcohol abuse, with special emphasis on motivation, age, cohorts, functional consequences, and intellectual involvement. Special attention is paid to law enforcement, judicial, correctional involvement and treatment programs designed for alleviation of the problem.

Credits: 3

On Occasion

CRJ 22 Morality and the Law

Students are introduced to critical ethical concerns regarding the police, courts, punishment and corrections. There is discussion about the psychological, moral and ethical underpinnings of justice and the law.

Credits: 3

On Occasion

CRJ 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

CRJ 25 Family Court and Society

This course examines the role and place of family court in American society. The course covers family court involvement in juvenile delinquency, family offenses, neglect, support, etc.

Credits: 3

On Occasion

CRJ 29 Computer Crime

This course covers a comprehensive examination of illegal use and abuse of computer technology in the commission of crimes. The exploration of possible remedies to the increasing problem of computers and their use in crime is discussed.

Credits: 3

On Occasion

CRJ 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 CRJ 11 and 23 are required for all CRJ majors.

Credits: 3

Every Fall and Spring

CRJ 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

CRJ 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

CRJ 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

CRJ 34 Forensic Technology and Crime

This course analyzes forensic technological techniques used in the identification and apprehension of criminals including an in-depth evaluation of fingerprint and voice identification, lie detector tests, hypnosis and criminal profiling.

Credits: 3

On Occasion

CRJ 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

CRJ 36 Forensic Psychology and the Criminal Justice System

This course is a comprehensive analysis of the relationship between psychology and the criminal justice system. The course focuses on the application of forensic psychology to people, policy and agencies within the system.

Credits: 3

On Occasion

CRJ 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 CRJ 11 and 23 are required for all CRJ majors.

Credits: 3

Every Fall and Spring

CRJ 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 CRJ 11 and 23 are required for all CRJ majors.

Credits: 3

Every Fall and Spring

CRJ 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

CRJ 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 CRJ 11 and 23 are required for all CRJ majors.

Credits: 3

Every Fall and Spring

CRJ 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

CRJ 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

CRJ 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 CRJ 11 and 23 are required for all CRJ majors.

Credits: 3

Every Fall and Spring

CRJ 45 Political Aspects of the Criminal Justice System

Emphasis is placed on the behavioral aspects of the criminal justice system, including the legislative-judicial process through which relevant policy is made and applied. In addition, the role of protest and violence as a means of social change is examined. Case studies focusing on the administration of criminal justice in various cities are examined as a basis for comparison.

Credits: 3

On Occasion

CRJ 46 Police Organization and Management

This course examines the development of organization and management principles in policing including the organization and management of personnel, line operations, staff

and auxiliary services. An analysis of organizational models, leadership styles, internal control, planning and policy formation and role definition in police performance are covered.

Credits: 3

On Occasion

CRJ 47 Arson Investigation

This course is the comprehensive study of the scientific principles involved in the investigation of arson and arson for profit. It includes the technical analysis of accidental and incendiary fires, evidence, motivation, behavior of the fire and laws pertaining to arson.

Credits: 3

On Occasion

CRJ 52 Criminal and Civil Investigation

This course is an overview of the role and functions of the investigator within current statutory and case law; an examination of the principles and processes relating to the crime scene, evidence, investigative techniques, and resources as they pertain to crime solvability.

Credits: 3

On Occasion

CRJ 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

CRJ 60 Terrorism

This course is a survey of terrorism within the United States. Topics include the threat of domestic and international terrorism, terrorist groups, and counter-terrorism strategies, among other related topics.

Credits: 3

On Occasion

CRJ 65 Delinquency Prevention and Control

This course covers community resources for prevention of juvenile delinquency. Theories of causation and prevention programs and the role of juvenile courts, institutions and law enforcement agencies are examined.

Credits: 3

On Occasion

CRJ 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 CRJ 11 and 23 are required for all CRJ majors.

Credits: 3

Every Fall and Spring

CRJ 71 Organization and Administration of Delinquency Prevention Programs

This course covers the historical development, present status, personnel and training of those involved in delinquency prevention programs. The relationship of such programs with other agencies is examined.

Credits: 3

On Occasion

CRJ 73 Administration of Juvenile Justice

This course is a survey of the administration and organization of the juvenile justice system such as the functions and jurisdictions of juvenile agencies, and the rights of juveniles. The course covers the formal and informal processing of juveniles through various agencies of the juvenile justice system and his or her processing, detention, disposition, diversion, de-institutionalization, and aftercare.

Credits: 3

On Occasion

CRJ 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.

Co-requisite of CRJ 11 and 23 are required for all CRJ majors.

Credits: 3

Every Fall and Spring

CRJ 78 Administration of Justice

This course covers the organizational and management process involved in the administration of justice which sets forth the structure and function of justice agencies. The course surveys administrative and management patterns and concepts of administrative procedures, problem analysis, personnel selection and training, planning, budgeting, record keeping, research and community relations.

Credits: 3

On Occasion

CRJ 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.

Co-requisite of CRJ 11 and 23 are required for all CRJ majors.

Credits: 6

Every Fall and Spring

CRJ 88 White Collar Crime

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

CRJ 89 Financial Investigation

Financial investigation identifies and documents specific events involving the movement of money during the course of a crime. Some of the topics covered are methods of tracing funds, interviewing, law and evidence, and money laundering.

Credits: 3

On Occasion

CRJ 99 Independent Study

Individually tailored program of supervised research in a selected area of criminal justice.

Credits: 3

Every Fall, Spring and Summer

CSA 11 Introduction to Loss Prevention

This course coordinates public law enforcement with private security; links courses such as white collar crime and computer crime in criminal justice with the preventive strategies of the corporate enterprise.

Credits: 3

On Occasion

CSA 12 Security Systems Analysis

This course examines the identification of environment vulnerabilities and threats to assets; evaluation techniques for identification and analysis of corporate loss exposures; selection of countermeasures.

Credits: 3

On Occasion

DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCE

Phone: 516-299-2318

Fax: 516-299-3945

Chair: Professor Boorstein (Graduate Director)

Professors: Kennelly, Pires

Associate Professors: Carlin, DiVenere, Tanguay

Adjunct Faculty: 6

The Department of Earth and Environmental Science offers a B.A. in Geology and several degrees in Interdisciplinary Studies: Earth System Science concentration (B.A.), Environmental Sustainability (B.A.) or Environmental Science concentration (B.S.).

The Department also offers minors for students in other programs wishing to pursue a secondary interest in Earth Science, Geology and Geography.

Students can combine a major in Earth Science with a program in the College of Education, Information and Technology and earn a B.S. in Adolescence Education: Earth Science. This degree will satisfy the requirements for initial certification to teach Earth Science in grades 7 to 12. Courses in Geography are also part of the B.S. in Adolescence Education: Social Studies (Grades 7 to 12) degree. The Department also offers concentrations in Earth System Science and Geography for students pursuing the B.S. in Early Childhood Education (Birth to Grade 2) and B.S. in Childhood Education (Grades 1 to 6). In addition, the Department of Earth and Environmental Science offers courses which are part of concentrations in American Studies, Social Studies and Science for these degrees.

Graduate courses in Earth Science, Geography and Geology may be taken by undergraduate students with appropriate averages and permission.

B.A. in Geology

Geology is the scientific study of the materials and resources that make up the Earth; the internal dynamic processes that move continents, build mountains and cause earthquakes; the surface processes that sculpt the landscape, shape river valleys, erode coastlines, and drive ocean circulation; the natural hazards posed by geologic processes; and the history of the Earth, its changing climate, and life on Earth.

Geologists work for universities, government agencies and private firms studying energy and mineral resources, groundwater and surface water resources and threats to water resources, hazards from earthquakes, volcanoes, landslides, river and coastal flooding, Earth's climate history, and the effects of climate change.

The 120-credit Bachelor of Arts in Geology program provides the essential core knowledge for

careers in the geological and environmental sciences while allowing students some flexibility with electives to follow their interests in completing their program of study. Students who earn a geology degree will also have completed the science requirements for certification to teach Earth Science (see the College of Education, Information and Technology website at www.liu.edu/cwpost/ceis for other requirements).

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in Geology

{Program Code: 07071}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Geology must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (GLY 1 and 2)
Language/Literature	12 credits*
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

*Students are required to complete 6 credits in one of the following: FRE, GER, ITL, JPN, RUS, SPA.

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Geology Courses

All of the following:

GLY 1	The Dynamic Earth	4.00
GLY 2	History of the Earth	4.00
GLY 26	Earth Materials: Minerals and Rocks	3.00
GLY 43	Sedimentology	3.00

Elective Geology Courses

Students will choose 3 to 6 credits from: geology field course, faculty directed research, internship, or honors tutorial and thesis in geology. Students will choose a minimum of 32 credits from all GLY course numbered 12 or above

excluding GLY 26, 43, 301 and 302

Required Co-Related Science Courses

Two of the following 8 credit sequences for a total of 16 credits:

BIO 103	General Biology I	4.00
BIO 104	General Biology II	4.00
CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00

AND:

MTH 7	Calculus and Analytic Geometry	3.00
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AND one of the following:

MTH 8	Calculus and Analytic Geometry II	3.00
MTH 19	Basic Statistics	3.00
MTH 23	Foundations of Statistical Analysis	3.00
MTH 41	Biostatistics	3.00

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 60

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

B.A. in Interdisciplinary Studies: Concentration in Earth System Science

Earth System Science examines the interrelations of the lithosphere (solid Earth), hydrosphere (water, including oceans), biosphere (life), and atmosphere (air), recognizing the influence of human beings as agents of change. Students will obtain a scientific understanding of Earth systems through courses in geology, geography, biology and chemistry as well as an understanding of humans' relationship to the Earth through courses in the social sciences, including conservation, economics, and urban planning. With an understanding of the interrelations of the physical realms of the Earth, graduates will be prepared to develop solutions to help human beings use the Earth and its resources more wisely.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts

and SAT/ACT scores.

B.A. in Interdisciplinary Studies

Program Code: 07093

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Interdisciplinary Studies must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (satisfied in Earth System Science sub-plan)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (satisfied in Earth System Science sub-plan)
Language/Literature	6 credits*
Mathematics	3 - 4 credits
Social Sciences	6 credits (satisfied in Earth System Science sub-plan)

*Students in the Earth Systems subplan are required to complete 6 credits in one of the following: FRE, GER, ITL, JPN, RUS, SPA. Some Core requirements may be completed as part of an individualized plan as determined by the Director of the Interdisciplinary Studies Program. For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Students may choose either an Individualized Plan (subject to faculty approval) or choose from several pre-determined plans in either Earth System Science or Environmental Sustainability.

Individualized Plan

With approval of the Interdisciplinary Studies Faculty Advisory Committee, students may follow an individualized plan focused on a combination of disciplines not presently offered. Students must also complete an Interdisciplinary Thesis (IDS 99). Interested students should see the Interdisciplinary Studies faculty advisor.

Earth System Science Plan

Required Earth System Science Courses

All of the following:

ERS 1	Earth Science I	4.00
ERS 17	Introduction to Geographic Information Systems	3.00-4.00

GGR 1	Human Geography: Man, Environment and Technology	3.00
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GGR 2	Human Geography: The Cultural and Demographic Environment	3.00
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GLY 2	History of the Earth	4.00
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AND one of the following:

ERS 2	Earth Science II	4.00
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GLY 1	The Dynamic Earth	4.00
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Required Allied Science Courses

All of the following:

BIO 103	General Biology I	4.00
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CHM 3	Principles of Chemistry I	4.00
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Elective Science Courses

Three courses/at least nine credits of the following:

BIO 109	Ecology	4.00
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GGR 12	Meteorology	3.00
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GGR 16	Techniques of Cartography, Map-Reading, and Air-Photo Interpretation	4.00
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GLY 6	Geology of the New York Region	3.00
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GLY 12	Oceanography	3.00
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GLY 14	Geomorphology: The Evolution of Landforms	3.00
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GLY 15	The Geology of Groundwater Resources	3.00
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GLY 23	Environmental Geochemistry	3.00
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GLY 43	Sedimentology	3.00
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GLY 47	Plate Tectonics: "Our Wandering Continents"	3.00
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Elective Social Science Courses

One of the following options:

Option 1

Three courses/nine credits of the following:

ERS 18	Applications and Technical Issues in Geographic Information Systems	3.00-4.00
ERS 81	Research Topics in Earth Science	3.00

GGR 11	Introduction to Environmental Sustainability	3.00
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GGR 21	Applied Conservation	3.00
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GGR 25	Economic Geography	3.00
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GGR 26	Introduction to Urban Geography	3.00
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GGR 27	Sustainable Cities and Suburbs	3.00
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AND one of the following sequences:

ECO 10	Introduction to Microeconomics	3.00
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ECO 11	Introduction to Macroeconomics	3.00
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OR

POL 2	Introduction to American Politics	3.00
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POL 3	Introduction to Political Science	3.00
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OR

POL 303	European Political Theory I - Honors Core	3.00
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POL 304	European Political Theory II - Honors Core	3.00
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Option 2

Two credits/six credits of the following:

ERS 18	Applications and Technical Issues in Geographic Information Systems	3.00-4.00
ERS 81	Research Topics in Earth Science	3.00

GGR 11	Introduction to Environmental Sustainability	3.00
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GGR 21	Applied Conservation	3.00
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GGR 25	Economic Geography	3.00
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GGR 26	Introduction to Urban Geography	3.00
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GGR 27	Sustainable Cities and Suburbs	3.00
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GGR 27	Sustainable Cities and Suburbs	3.00
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AND one of the following:

ECO 10	Introduction to Microeconomics	3.00
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ECO 11	Introduction to Macroeconomics	3.00
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AND one of the following options:

ECO 10	Introduction to Microeconomics	3.00
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OR

ECO 11	Introduction to Macroeconomics	3.00
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OR

POL 1	Introduction to Political Science I	3.00
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POL 2	Introduction to Political Science II	3.00
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OR

POL	303	European Political Theory I - Honors Core	3.00
POL	304	European Political Theory II - Honors Core	3.00

Environmental Sustainability Plan Major Requirements

Required Environmental Sustainability Courses

All of the following:

BIO	103	General Biology I	4.00
BIO	104	General Biology II	4.00
ERS	1	Earth Science I	4.00
ERS/ GGR	11	Introduction to Environmental Sustainability	3.00
ERS/ GGR	17	Introduction to Geographic Information Systems	3.00-4.00
ERS/ GGR	21	Applied Conservation	3.00-4.00
EVS	100	Senior Seminar in Environmental Sustainability	3.00

AND one of the following:

ERS	2	Earth Science II	4.00
GLY	1	The Dynamic Earth	4.00

AND one of the following mathematics options:

One course/four credits of the following:

MTH	3	College Algebra and Trigonometry	4.00
MTH	7	Calculus and Analytic Geometry I	4.00
MTH	8	Calculus and Analytic Geometry II	4.00

OR MTH 4 (Introductory Mathematics for Business and Social Science) AND one course/three credits of the following:

MTH	1	Introduction to College Mathematics	3.00
MTH	5	Linear Mathematics for Business and Social Science	3.00
MTH	6	Calculus for Business and Social Science	3.00
MTH	15	Mathematics for Elementary Education I	3.00
MTH	16	Mathematics for Elementary Education II	3.00

AND one of the following economics or political science options:

All of the following:

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00

OR ECO 10 (Introduction to Microeconomics) AND two courses/six credits of the following:

POL	2	Introduction to American Politics	3.00
POL	3	Introduction to Political Science	3.00
POL	303	European Political Theory I - Honors	3.00
POL	304	European Political Theory II - Honors	3.00

Required Environmental Sustainability Track

Students must choose from the Biology track, Geology/Earth Science track, Social Science track or Social Science/Arts and Humanities track.

Biology Track

Four courses/at least fifteen credits of the following:

BIO	107	Genetics	4.00
BIO	109	Ecology	4.00
BIO	271	Marine Biology	4.00
BIO	274	Conservation Biology	4.00
BIO	290	Special Topics in Ecology/Evolution	3.00-4.00

Geology/Earth Science Track

Four courses/at least twelve credits of the following:

ERS/ GGR	12	Meteorology	3.00-4.00
ERS/ GGR	18	Application and Technical Issues in GIS	3.00-4.00
ERS/ GGR	22	Natural Disasters	3.00
ERS/ GLY	29	Global Climate Change	3.00
GLY	2	History of the Earth	4.00
GLY	12	Oceanography	3.00
GLY	15	The Geology of Groundwater Resources	3.00
GLY	23	Environmental Geochemistry	3.00
GLY	50	Environmental Geology	3.00

Social Science Track

Four courses/at least twelve credits of the following:

ECO/ GGR	25	Economic Geography	3.00
ERS/ GGR	18	Application and Technical Issues in GIS	3.00-4.00
ERS/ GGR	27	Sustainable Cities and Suburbs	3.00
GGR	28	Quantitative Methods in Geography	3.00
GGR	29	Human Dimensions of Climate Change	3.00
GGR	43	Geography of the United States and Canada	3.00
GGR	61	Geography of Africa	3.00
GGR	70	Geography of the People's Republic of China and Taiwan	3.00

SOC 73 Environmental Sociology 3.00

Social Science/Arts and Humanities Track

Two courses/at least six credits of the following:

ECO/ GGR	25	Economic Geography	3.00
ERS/ GGR	18	Application and Technical Issues in GIS	3.00-4.00
ERS/ GGR	27	Sustainable Cities and Suburbs	3.00
GGR	28	Quantitative Methods in Geography	3.00
GGR	29	Human Dimensions of Climate Change	3.00
GGR	43	Geography of the United States and Canada	3.00
GGR	61	Geography of Africa	3.00
GGR	70	Geography of the People's Republic of China and Taiwan	3.00
SOC	73	Environmental Sociology	3.00

AND two courses/at least six credits of the following:

CIN	303/304	Film and Society	3.00
ENG	303	World Literature I	3.00
ENG	304	World Literature II	3.00
HIS	125	U.S. Environmental History	3.00
PHI	98	Environmental Philosophy	3.00
JOU	40	Environmental Reporting	3.00

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

Minimum Major GPA: 2.00 (Individualized Plan), 2.00 (Earth System Science Plan), 2.00 (Environmental Sustainability Plan)

Minimum Cumulative GPA: 2.00 (Individualized Plan), 2.00 (Earth System Science Plan), 2.00 (Environmental Sustainability Plan)

**B.S. in Interdisciplinary Studies:
Concentration in Environmental
Science**

Environmental science is the application of the physical and biological sciences to environmental problems. This program is for students who are interested in the scientific and technical aspects of environmental issues and who want to pursue a career as an environmental scientist. The science foundation courses in geology, biology, chemistry, climate and weather, conservation, and geographic information systems provide students with the conceptual tools to work in a multidisciplinary setting on environmental problems. Students may pursue a specific focus in their electives or choose a broad approach to their study of the Earth's physical and biological environment.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Interdisciplinary Studies

{Program Code: 77762}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Interdisciplinary Studies must satisfy all Core curriculum requirements as follows:

POST 101 1 credit

First-Year Composition 6 credits

Economics/Political Science 6 credits

Fine Arts 3 credits

History/Philosophy 6 credits

Laboratory Science 8 credits (satisfied in Environmental Science plan)

Language/Literature 6 credits

Mathematics 3 - 4 credits (may be satisfied in Environmental Science plan)

Social Sciences 6 credits

Some Core requirements may be completed as part of an individualized plan as determined by the Director of the Interdisciplinary Studies Program.

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Students may choose either an Individualized Plan (subject to faculty approval) or a prescribed plan in Environmental Science.

Individualized Plan

With approval of the Interdisciplinary Studies Faculty Advisory Committee, students may follow an individualized plan focused on a combination of disciplines not presently offered. Students must also complete an Interdisciplinary Thesis (IDS 99). Interested students should see the Interdisciplinary Studies faculty advisor.

Environmental Science Plan**Required Environmental Science Courses****All of the following:**

BIO 103 General Biology I 4.00

BIO 104 General Biology II 4.00

CHM 3 Principles of Chemistry I 4.00

CHM 4 Principles of Chemistry II 4.00

ERS 1 Earth Science I 4.00

ERS 11 Introduction to Environmental Sustainability 3.00

ERS 17 Introduction to Geographic Information Systems 3.00-4.00

ERS 18 Applications and Technical Issues in Geographic Information Systems 3.00-4.00

GLY 1 The Dynamic Earth 4.00

GLY 2 History of the Earth 4.00

GLY 23 Environmental Geochemistry 3.00

AND one of the following options:

CHM 21 Organic Chemistry I 4.00

CHM 22 Organic Chemistry II 4.00

OR

CHM 25 Basic Organic Chemistry 4.00

Elective Science Courses**Twenty credits of the following:**

BIO 105 Research Methods I 1.00

BIO 106 Research Methods II 3.00

BIO 107 Genetics 4.00

BIO 108 Cell Biology 4.00

BIO 109 Ecology 4.00

BIO 110 Evolution 4.00

BIO 111 Capstone Seminar 1.00

BIO 250 Microbiology 4.00

BIO 251 The Plant Kingdom 3.00

BIO 252 Invertebrate Zoology 4.00

BIO 253 Vertebrate Zoology 4.00

BIO 254 Vertebrate Paleontology 4.00

BIO 255 Marine Mammal Biology 4.00

BIO 260 Plant Structures and Function 3.00

BIO 261 Comparative Vertebrate Anatomy 4.00

BIO 270 Animal Behavior 4.00

BIO 271 Marine Biology 4.00

BIO 272 Biology of Parasitism 4.00

BIO 273 Field Botany 4.00

BIO 274 Conservation Biology 4.00

BIO 280 Tropical Field Studies 3.00

BIO 281 Tropical Marine Biology 3.00

BIO 290 Special Topics in Ecology/Evolution 3.00

BIO 297 Experimental Design and Data Analysis 4.00

BIO 298 Undergraduate Research I 2.00

BIO 299 Undergraduate Research II 2.00

CHM 24 Spectroscopic Identification of Organic Compounds 3.00

CHM 37 Quantitative Analysis 4.00

CHM 38 Analytical Instrumentation 4.00

CHM 39 Forensic Instrumentation 4.00

CHM 55 Physical Chemistry I 4.00

CHM 56 Physical Chemistry II 4.00

CHM 71 Basic Biochemistry 4.00

CHM 86 Literacy in the Experimental Sciences 3.00

CHM 93 Chemical Research I 2.00

CHM	94	Chemical Research II	2.00
ERS	21	Applied Conservation	3.00
ERS	81	Research Topics in Earth Science	3.00
GLY	6	Geology of the New York Region	3.00
GLY	11	Introduction to Marine Geology	3.00
GLY	12	Oceanography	3.00
GLY	13	Structural Geology	4.00
GLY	14	Geomorphology: The Evolution of Landforms	3.00
GLY	15	The Geology of Groundwater Resources	3.00
GLY	21	Mineralogy	4.00
GLY	22	Igneous and Metamorphic Petrology	4.00
GLY	24	Optical Mineralogy	2.00
GLY	25	Economic Geology	3.00
GLY	26	Earth Materials: Minerals and Rocks	3.00
GLY	29	Global Climate Change	3.00
GLY	33	Field Geology	3.00
GLY	39	Vertebrate Paleontology	3.00
GLY	41	Paleontology	4.00
GLY	42	Stratigraphy	3.00
GLY	43	Sedimentology	3.00
GLY	44	The Ice Age: Pleistocene Geology	3.00
GLY	45	Micropaleontology	4.00
GLY	46	Paleoecology	4.00
GLY	50	Engineering and Environmental Geology	3.00
GLY	100	Geology Tutorial	3.00
MTH	7	Calculus and Analytic Geometry I	4.00
MTH	8	Calculus and Analytic Geometry II	4.00
PHY	3	University Physics I	4.00
PHY	4	University Physics II	4.00

AND/OR only one of the following may be used to satisfy this requirement:

BIO	141	Biostatistics	3.00
MTH	19	Basic Statistics	3.00
MTH	23	Foundations of Statistical Analysis	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Minimum Major GPA: 2.00 (Individualized Plan), 2.00 (Environmental Science Plan)
 Minimum Cumulative GPA: 2.00 (Individualized Plan), 2.00 (Environmental Science Plan)

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Earth System Science

B.S. in Childhood Education (Grades 1 to 6) with Concentration in Earth System Science
 Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Earth System Science. This 30-credit program consists of courses from Earth Science and Geology. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Earth System Science, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Geography
B.S. in Childhood Education (Grades 1 to 6) with Concentration in Geography

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Geography. This 32-credit program consists of courses from Earth Science and Geography. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Geography, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Science
B.S. in Childhood Education (Grades 1 to 6) with Concentration in Science

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Science. This 32-credit program consists of two laboratory courses in each of the following four areas: Biology, Chemistry, Earth

Science/Geology, and Astronomy/Physics. In this liberal arts and sciences concentration you will gain the broad intellectual background and laboratory training necessary to provide students in the early grades with a basic understanding of the sciences, along with the powers of analysis and synthesis that are vital to mastering any discipline. You will study the foundations of chemistry, biology and the earth sciences. You will delve into the marvels of human anatomy and physiology. You will explore the universe through courses in astronomy and physics. This interdisciplinary approach will not only prepare you to introduce young students to the excitement of scientific inquiry; it will empower you to assist students in integrating ideas and skills, and in developing lifelong a foundation for critical thinking. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Science, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Social Studies
B.S. in Childhood Education (Grades 1 to 6) with Concentration in Social Studies

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Social Studies. This 30-credit program consists of courses from Economics, History, Geography, Political Science and Sociology/Anthropology. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Social Studies, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Earth Science (Grades 7 to 12)

Students seeking to be initially certified to teach Earth Science and General Science in secondary schools in New York State should pursue the B.S. in Adolescence Education: Earth Science (Grades 7 to 12). This degree combines at least 30 credits of Earth Science, 10 credits of correlated chemistry and geography courses with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

MINORS

Minor in Earth Science

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply 18 to 20 credits of elective courses toward a minor in Earth Science. This minor is designed for students who have an interest in the physical sciences of the Earth and would like to take courses in climate and weather, conservation, geology, and cartography in addition to their major field of study.

The minor in Earth Science adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Earth Science

Requirements*

Required Earth Science Courses

All of the following:

ERS	1	Earth Science I	4.00
ERS	2	Earth Science II	4.00
GLY	2	History of the Earth	4.00

Elective Earth Science Courses

One course from the following:

GGR	11	Introduction to Environmental Sustainability	3.00
GGR	12	Meteorology	3.00
GGR	16	Techniques of Cartography, Map-Reading, and Air-Photo Interpretation	4.00

One course from the following:

GLY	13	Structural Geology	4.00
GLY	14	Geomorphology: The Evolution of Landforms	3.00
GLY	15	The Geology of Groundwater Resources	3.00
GLY	21	Mineralogy	4.00
GLY	22	Igneous and Metamorphic Petrology	4.00
GLY	23	Environmental Geochemistry	3.00
GLY	41	Paleontology	4.00
GLY	42	Stratigraphy	3.00

Credit and GPA Requirements

Minimum Total Credits: 18-20

Minimum Minor GPA: 2.25

*This minor is not open to students minoring in Geology or students majoring in Geology,

Geography, Interdisciplinary Studies: Environmental Science and Adolescence Education: Earth Science.

Minor in Geography

Undergraduate students who are pursuing a major in another subject area can apply 20 credits of elective courses toward a minor in Geography. Geography is the study of the Earth's features and humans' relationship with the Earth. The minor in Geography adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Geography Requirements*

Required Earth Science/Geography

Courses

All of the following:

ERS	1	Earth Science I	4.00
ERS	2	Earth Science II	4.00
GGR	1	Human Geography: Man, Environment and Technology	3.00
GGR	2	Human Geography: The Cultural and Demographic Environment	3.00

Elective Geography Courses

At least two courses/six credits from all GGR courses excluding GGR 1, 2, 3, 4, 85, 303, 304

Credit and GPA Requirements

Minimum Total Credits: 20

Minimum Minor GPA: 2.25

*Not open to students majoring in Interdisciplinary Studies: Environmental Science

Minor in Geology

Undergraduate students who are pursuing a major in another subject area can apply 17 to 19 credits of elective courses toward a minor in Geology. Geology is the study of the solid Earth and oceans, interactions with the atmosphere and climate, the Earth's history, and the dynamic processes that make the Earth ever-changing. This minor is available for those students who would like to combine the study of the Earth with their major field.

Minor in Geology Requirements*

Required Geology Courses

All of the following:

GLY	1	The Dynamic Earth	4.00
GLY	2	History of the Earth	4.00

Elective Geology Courses

At least three courses/nine credits from all GLY courses excluding GLY 1, 2, 301, 302

Credit and GPA Requirements

Minimum Total Credits: 17

Minimum Minor GPA: 2.25

*Not open to students minoring in Earth Science or students majoring in Geography, Interdisciplinary Studies; Environmental Science or Adolescence Education: Earth Science

Minor in Environmental Sustainability

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (16-19 credits) toward a minor in environmental sustainability. This minor offers students an interdisciplinary framework for assessing local and global environmental problems. Students in the environmental sustainability minor examine the scientific, cultural, ethical, and policy aspects of sustainability. Course work offers students a range of professional skills for analyzing and creatively managing threats to environmental sustainability.

Minor in Environmental Sustainability Requirements

Required Environmental Sustainability

Courses

All of the following:

ERS	1	Earth Science I	4.00
ERS/ GGR	11	Introduction to Environmental Sustainability	3.00

Elective Environmental Sustainability

Courses

Three courses/nine credits of the following:*

ERS	2	Earth Science II (or GLY 1)	4.00
ERS/ GGR	21	Applied Conservation	3.00
ERS/ GGR	27	Sustainable Cities and Suburbs	3.00
ERS/ GGR	29	Global Climate Change	3.00
GGR	1	Human Geography: Man, Environment and Technology	3.00
GLY	29	Global Climate Change	3.00

*Students may also choose one of the following courses as an elective:

BIO	109	Ecology	4.00
BIO	274	Conservation Biology	4.00
ECO	49	Economics of the Environment	3.00
HIS	125	U.S. Environmental History	3.00

PHI 28 Environmental Philosophy 3.00

SOC 73 Environmental Sociology 3.00

Credit and GPA Requirements

Minimum Total Credits: 16-18

Minimum Minor GPA: 2.25

Minor in Global Climate Change

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (17-18 credits) toward a minor in Global Climate Change. This minor offers students an interdisciplinary framework for assessing global climate change. Students in the global climate change minor will learn how the Earth's climate system works and its characteristic weather patterns. Students will become familiar with the history of climate and analyze the evidence for that history. Students will learn about the climate of the industrial era, the evidence for perturbations to climate, projections for future climate and other impacts such as changing sea level and modified rainfall patterns. Students will consider the impacts of climate change on societies and ecosystems and learn about possible strategies to limit climate change and/or adapt to it. Students will grapple with the difficult social, economic and political realities that must be overcome to fully address long-term global climate change. Students in any major can benefit from pursuing this minor – not only professionally but in their own personal life by understanding their own carbon footprint. This minor can complement any major, adding value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Global Climate Change

Requirements

Required Global Climate Change Courses

All of the following:

ERS 1 Earth Science I 4.00

ERS 29 Global Climate Change 3.00

GGR 29 Human Dimension of Climate Change 3.00

AND one course from the following:

ERS 2 Earth Science II 4.00

GLY 1 The Dynamic Earth 4.00

Elective Global Climate Change Courses

One course from the following:

ERS 12 Meteorology 3.00

GLY 2 History of the Earth 4.00

Credit and GPA Requirements

Minimum Total Credits: 17-18

Minimum Minor GPA: 2.25

Earth Science Courses

ERS 1 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 GGR 3.

Three hours lecture, three hours laboratory.

Credits: 4

Every Fall, Spring and Summer

ERS 2 Earth Science II

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 GGR 4.

Three hours lecture, three hours laboratory.

Credits: 4

Every Fall, Spring and Summer

ERS 8 Our Unstable Earth: 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.

Same as GGR 12.

Three hours lecture when offered for three credits;

three hours lecture, three hours laboratory when offered for four credits.

Prerequisite ERS 1 is required

Credits: 3 to 4

Every Spring

ERS 17 Introduction to Geographic Information Systems

Geographic Information Systems (GIS) is an important modern tool for the analysis of geographical data for the natural and social sciences. This course is an introduction to the hardware, software, and operations of GIS in addition to an exploration of GIS applications and a presentation of data structures and basic functions. The course covers: GIS principles, creating and assessing spatial data sets, importing and exporting data, geocoding, tabular data files, charts, layouts, and applications. Students construct a GIS project.

Same as GGR 17.

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

ERS 18 Applications and Technical Issues in Geographic Information Systems

Geographic Information Systems (GIS) algorithms, data structures, advanced computational topics, analysis of error; ways in which geographic and scientific principles and techniques can be implemented in GIS. Students explore the use of GIS in answering specific problems; discuss the problems of data exchange standards and large data bases; evaluate the use of spatial analysis techniques in the GIS context; and describe applications of GIS in various fields of earth and environmental science.

Same as GGR 18.

Three hours lecture when offered for three credits; three hours lecture, three hours laboratory when offered for four credits.

Prerequisites of ERS 17 or GGR 17 and one of ERS 1 or 2, GGR 1 or 2, GLY 1 or 2 are required.

Credits: 3 to 4

On Occasion

ERS 21 Applied Conservation

This course is the study of practical applications of conservation theory, including such topics as wildlife management, forest and grassland management, outdoor recreation resource management, soil conservation (including the organic approach) and energy conservation.

Same as GGR 21.

Three hours lecture when offered for three credits; three hours lecture, three hours fieldwork when offered for four credits.

Prerequisite of ERS 11 of GGR 11 is required.

Credits: 3 to 4

On Occasion

ERS 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.

Same as GGR 22.

Prerequisites of ERS 1 or GLY 1 and ERS 2 or permission of the instructor.

Credits: 3

On Occasion

ERS 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 GGR 27.

Credits: 3

On Occasion

ERS 29 Global Climate Change

A course exploring the problem of global warming through readings, discussion, and debates. The course will begin with a primer on the Earth's climate system. This will be followed by study of records of climate variations in the ancient past, more recent past, and ongoing natural variations. The remainder of the course will examine the evidence as to whether human-induced global warming is occurring or may occur; predictions for the magnitude of potential temperature rise and consequences such as rising sea level, stronger hurricanes, increase in tropical diseases, and disruptions of agriculture; and finally, arguments addressing the range of possible societal responses.

Same as GLY 29.

Prerequisites of ERS 1 and (GLY 1 or ERS 2) are required.

Credits: 3

On Occasion

ERS 35 Field Studies in Earth Science

This course is designed for students who wish to participate in field-based, experiential learning opportunities in earth science in approved domestic or international locations. Enrollment in this course will be subject to the review and approval by the department of a specific course syllabus that is consistent with the area being studied.

Credits: 1 to 3

On Occasion

ERS 81 Research Topics in Earth Science

This course is an overview of environmental problems from the humanistic and scientific perspectives presented through a series of selected topics and is organized on the basis of student-teacher seminars, discussions and guest lectures.

Credits: 3

On Occasion

ERS 85 Literacy in the Experimental Sciences

This course introduces students to the special ways of approaching and utilizing texts characteristic of the experimental sciences. Students will learn to critically interpret readings, quantitative data including graphical and statistical charts and tables as well as learning to present material in a variety of documentation styles used in the sciences. Through an emergent understanding of the unifying concepts underlying the scientific approach, students will actively pursue communication of the conceptual systems involved and the pedagogical integration of these into their boarder approaches to science and its meaningful communication. This course provides an overview of how knowledge is acquired and presented in the laboratory sciences. Same as BIO 85 and CHM 86.

Credits: 3

Every Fall

ERS 101 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.

For LIU High School Scholars Program students only.

Same as ERS 1 with combined lecture/laboratory.

Credits: 3

On Demand

ERS 102 Earth Science II

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.

For LIU High School Scholars Program students only.

Same as ERS 2 with combined lecture/laboratory.

Credits: 3

On Demand

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. The course emphasizes the influence of human activity on all of these aspects of the natural environment. Laboratory work included 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.

Must be in Honors College

Credits: 4

Every Fall

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. The course emphasizes the influence of human activity on all of these aspects of the natural environment.

Laboratory work included 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.

Must be in Honors College

Credits: 4

Every Spring

ERS 422 Earth's Climate System

Understanding Earth's climate and its components and any changes, whether natural or human-caused, will enable people to make informed decisions about possible courses of action. In this course, students will learn the basic properties of the Earth's climate system through traditional readings combined with analysis of real-time or close-to real time environmental events. Thus students will be able to apply what they learn to real life situations.

This approach will help students gain new perspectives about climate processes and their effects on people and their ways of life. We will study composition and structure of the atmosphere, as well as the processes responsible for the dynamic behavior of the global climate. Students will be able to see how basic principles of physical science, such as energy transfer, affect the operations of the Earth system. The course will discuss societal implications of science, such as land-use practices and energy from fossil fuels. We will combine textbook reading and hands-on investigations from a manual with observations of current climatic events on the course website. (Believe it or not) This course is appropriate to people with science and non-science backgrounds.

For students in Interdisciplinary Studies B.S.,

following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

ERS 423 Global Climate Change: Past, Present, and Future

This course will explore the science behind the study of global climate change from the deep past

through to the present and near future to put the current prospect of climate change in perspective. Studying the evidence for past climate will show how the climate system works and the causes of climate change. This will be followed by careful investigation of the climate of the recent past and present and analysis of the natural and anthropogenic forcing mechanisms that are altering our climate today. The course will explore projections of future climate to gain an understanding of the range of possible effects and the major sources of uncertainty. Lastly, the course will delve into the various strategies that could be utilized to reduce greenhouse gases in the atmosphere, geoengineering to alter climate, and adaptation strategies to cope with inevitable changes.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

Environmental Sustainability Courses

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. Students will define relevant environmental, social and economic goals appropriate for the management of their selected natural system and related infrastructures. While most capstones will focus on issues pertinent in the metropolitan New York region, students may also select topics with a larger regional or global scope.

Open only to seniors in the Environmental Sustainability concentration of the BA in Interdisciplinary Studies program or with department permission.

Credits: 3

On Occasion

Geography Courses

GGR 1 Human Geography: Man, Environment and Technology

An introduction to human society in its physical environment and a geographical-philosophical consideration of the relationships between human beings and the physical world. The course covers

the evolution of technology as a factor in mankind's evaluation and use of resources including hunting and gathering, the rise of agriculture, the modern industrial and agricultural revolutions and their impact upon the world. Special sections are offered for students in the Program for Academic Success (P sections).

Credits: 3

Every Fall and Spring

GGR 1P Human Geography: Man, Environment and Technology

Same as GGR 1. For students in the Program for Academic Success.

Four hours lecture/recitation.

Must be in Program for Academic Success.

Credits: 3

Every Fall

GGR 2 Human Geography: The Cultural and Demographic Environment

The course attempts to explain the differential geographical patterns produced by human beings in their occupancy of the Earth: ethnic, religious, and linguistic factors and their world, social, economic and political impact. The course covers population and settlement geography such as world demographic distribution patterns, problems of population growth and overpopulation and the distribution of human settlement forms across the earth. Special sections are offered for students in the Program for Academic Success (P sections).

Credits: 3

Every Fall and Spring

GGR 2P Human Geography: The Cultural and Demographic Environment

Same as GGR 2. For students in the Program for Academic Success.

Four hours lecture/recitation.

Must be in Program for Academic Success.

Credits: 3

Every 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 Earth Science II

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.

Credits: 3

Annually

GGR 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.

Same as ERS 12.

Three hours lecture when offered for three credits; three hours lecture, three hours laboratory when offered for four credits.

Prerequisite ERS 1 is required

Credits: 3 to 4

Every Spring

GGR 13 Maps and Air Photographs

The course provides an introduction to maps and the history of cartography, and an introduction to topographic maps and map reading techniques; maps are studied in relationship to the natural and human data they illustrate. Students study stereoscopic air photographs as an aid in understanding the occurrence of natural and human environmental features.

Credits: 1

On Occasion

GGR 14 Political Problem Region

The course is designed to provide an academic understanding of "geopolitical hot-spots" on the earth. Current political problem regions are chosen for detailed treatment; in each case the essential historical, natural, cultural, demographic, social and economic factors behind the problems discussed provide students with an objective basis for judgments on world affairs.

Credits: 1

On Occasion

GGR 16 Techniques of Cartography, Map-Reading, and Air-Photo Interpretation

This course includes the history of maps and mapping; the various types and characteristics of maps; cartographic methods of representing natural

and cultural data. Also included is the use of topographic maps, stereo air photographs, and infrared photography as analytical tools in the study of physical and human geography, in land from study, and in resource evaluation. A cartographic project may constitute part of the course; demographics maps of Nassau County are made.

Three hours lecture, two hours open laboratory.

Credits: 4

On Occasion

GGR 17 Introduction to Geographic Information Systems

Geographic Information Systems (GIS) is an important modern tool for the analysis of geographical data for the natural and social sciences. This course is an introduction to the hardware, software, and operations of GIS in addition to an exploration of GIS applications and a presentation of data structures and basic functions. The course covers: GIS principles, creating and assessing spatial data sets, importing and exporting data, geocoding, tabular data files, charts, layouts, and applications. Students construct a GIS project.

Same as ERS 17.

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

GGR 18 Applications and Technical Issues in Geographic Information Systems

Geographic Information Systems (GIS) algorithms, data structures, advanced computational topics, analysis of error; ways in which geographic and scientific principles and techniques can be implemented in GIS. Students explore the use of GIS in answering specific problems; discuss the problems of data exchange standards and large data bases; evaluate the use of spatial analysis techniques in the GIS context; and describe applications of GIS in various fields of earth and environmental science.

Same as ERS 18.

Three hours lecture when offered for three credits; three hours lecture, three hours laboratory when offered for four credits.

Prerequisites of ERS 17 or GGR 17 and one of ERS 1 or 2, GGR 1 or 2, GLY 1 or 2 are required.

Credits: 3 to 4

On Occasion

GGR 21 Applied Conservation

This course is the study of practical applications of conservation theory, including such topics as wildlife management, forest and grassland management, outdoor recreation resource management, soil conservation (including the organic approach) and energy conservation.

Same as ERS 21.

Three hours lecture when offered for three credits; three hours lecture, three hours fieldwork when

offered for four credits.

Prerequisite of GGR 11 is required.

Credits: 3 to 4

On Occasion

GGR 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.

Same as GGR 22.

Prerequisites of ERS 1 or GLY 1 and ERS 2 or permission of the instructor.

Credits: 3

On Occasion

GGR 25 Economic Geography

This course is a study of the area differentiation of economic activities over the surface of the earth, and the physical and human environmental factors affecting the geographical pattern of economic activity.

Same as ECO 25.

Credits: 3

On Occasion

GGR 26 Introduction to Urban Geography

This course examines the history and contemporary process of urbanization. Topics covered include the development of cities in North America and various developing countries; the internal economic, social, and cultural geography of cities; urban governance; and the rise of global cities. Students are introduced to competing theoretical models in urban geography and explore urbanization at various geographic scales from the local to the global.

Credits: 3

On Occasion

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 28 Quantitative Methods in Geography

This course is an introduction to quantitative methods in geography. Emphasis is on practical solutions to geographic problems. An analysis of

area relations arising in natural situations and in human land use is examined including patterns associated with economic, social, and political aspects of human use of the earth. Topics covered include graph reading, probability distributions, hypothesis testing, statistical independence, nearest neighbor analysis and Poisson models.

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, IPPC. 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 32 Political Geography

The principles of political geography, involving a study of regional differences in political features, and their relationships to physical and cultural phenomena are examined. The territorial growth of states and relationships among states; and the geographical study of the world's major political problems are covered in this course.

Credits: 3

On Occasion

GGR 35 Field Studies in Geography

This course is designed for students who wish to participate in field-based, experiential learning opportunities in Earth Science in approved domestic or international locations. Enrollment in this course will be subject to the review and approval by the department of a specific course syllabus that is consistent with the area being studied.

Credits: 1 to 3

On Occasion

GGR 43 Geography of the United States of America and Canada

This course consists of a consideration of the United States of America and Canada and its 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 45 Geography of Latin America

This course consists of a consideration of Latin America and its 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 52 Geography of Western Europe

This course consists of a consideration of Western Europe and its 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 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 61 Geography of Africa

This course consists of a consideration of Africa and its 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 65 Geography of the Middle East

This course consists of a consideration of the Middle East and its 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 70 Geography of The People's Republic of China and Taiwan

This course consists of a consideration of The People's Republic of China and Taiwan 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 76 Geography of Southern and Eastern Asia

This course consists of a consideration of Southern and Eastern Asia 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 81 Research Problems in Geography I

In this course, the student engages in an independent research project under supervision of a faculty member.

Credits: 1 to 3

On Occasion

GGR 82 Research Problems in Geography II

In this course, the student engages in an independent research project under supervision of a faculty member.

Credits: 3

On Occasion

GGR 85 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, HIS 95, POL 95 and SOC 95.

Prerequisite of Adolescent Education Social Studies major is required.

Credits: 3

Every Fall

GGR 91 Seminar in Geography

Special topic course in geography. Topic is determined by the instructor.

Credits: 3

On Occasion

GGR 100 Geography Tutorial

Tutorials may involve writing papers on special topics, followed by group discussion. Themes for tutorials might include study particular world regions, environmental problems, urban and land-use problems, political program regions, etc.

Tutorials may be of a project type, involving group study of map-reading, map-making techniques, etc. Students may be expected to write a report in this. This course maybe be repeated once if the content is different.

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," "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.

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.

Must be in Honors College

Credits: 3

Every Spring

GGR 400 State, Society, and the Individual: Hoxie Colloquium

This course is a cross-disciplinary colloquium focusing on issues confronting the human community. Enrollment is limited to three advanced students selected by each of the participating departments. The course is led on a rotating basis by faculty from the departments of Earth and Environmental Science, Economics, History, Political Science/International Studies and Sociology/Anthropology. The faculty member leading the colloquium topic selects the colloquium's topic in consultation with the participating departments. Open to students with advanced standing (ordinarily senior status) in the participating department.

Same as ANT 400, ECO 400, HIS 400, POL 400 and SOC 400.

Credits: 3

On Occasion

Geology Courses

GLY 1 The Dynamic Earth

The Earth's composition and structure and the processes operating on the Earth are studied. Topics include rocks and minerals, igneous and volcanic activity, plate tectonics, and the processes of weathering and erosion which modify the surface of the earth. Not open to students who have already completed ERS 2. May be used to satisfy the ERS 2 requirement in the Geography, Earth Systems Science, and Environmental Science programs.

Three hours lecture, three hours laboratory.

Credits: 4

Every Fall

GLY 2 History of the Earth

An outline of the principles and methods used by geologists to reconstruct the history of the Earth. Topics include the historical development of the crust; the geologic time scale; fossils; the changing pattern of ancient environments; the evolution of plant and animal life against the background of changing environments.

Three hours lecture, three hours laboratory.

Prerequisite of GLY 1 or ERS 2 is required.

Credits: 4

Every Spring

GLY 6 Geology of the New York Region

A study of landforms, structure and geological processes found on Long Island and in the New York region. Field trips are made to geologically significant locations in the region.

Prerequisite of GLY 1 or ERS 2 is required.

Credits: 3

On Occasion

GLY 11 Introduction to Marine Geology

This course covers the geology of the ocean floors, including their crystal structure and the tectonic processes involved in their formation, and topographic features that resulted from sedimentation and erosion. In this course, terrestrial processes and climactic change are related to oceanic processes and variability of sediment input.

Prerequisite of (GLY 1 or ERS 2) is required.

Credits: 3

On Occasion

GLY 12 Oceanography

The course provides an in-depth study of the origin, transport, and deposition of ocean floor sediments as related to the morphologic features of the ocean floor such as the properties of sea water, water masses, their origin, dynamics, and distribution of air-sea interaction influence on oceanic structure and measurements, techniques, and methods of data processing.

Prerequisite of GLY 1 or ERS 2 is required.

Credits: 3

On Occasion

GLY 13 Structural Geology

This course covers the following: geometry of individual structures, rock deformation, major structures of the crust, the structural evolution of continents, and tectonic theories.

Three hours lecture, three hours laboratory.

Prerequisite of (GLY 1 or ERS 2) is required.

Credits: 4

On Occasion

GLY 14 Geomorphology: The Evolution of Landforms

This course is a comprehensive analysis of landforms and the constructional and destructional forces and processes controlling their growth and

decay in various structural, lithologic, geographic and climatic settings. Laboratory work includes study and interpretation of geomorphic features and relations as depicted on topographic maps and air photographs.

Three hours lecture when offered for three credits; three hours lecture, three hours laboratory when offered for four credits.

Prerequisite of (GLY 1 or ERS 2) is required.

Credits: 3 to 4

On Occasion

GLY 15 The Geology of Groundwater Resources

The principles that govern the occurrence, amount, and movement of ground water are studied along with the geologic work of ground water and factors affecting the quality of ground water. Study of the problems affecting Long Island and other selected areas in the United States and elsewhere is included.

Prerequisite of GLY 1 or ERS 2 is required.

Credits: 3

On Occasion

GLY 21 Mineralogy

This course covers formation, chemical and physical properties, identification and classification of minerals - their uses and importance for the geologist as part of the human environment. Three hours lecture, three hours laboratory.

Prerequisite of GLY 1 or ERS 2 or the equivalent is required.

Credits: 4

On Occasion

GLY 22 Igneous and Metamorphic Petrology

This course studies igneous and metamorphic rocks in terms of their classification, chemistry and mineralogy, modes of formation and characteristic tectonic environments. The lab portion concentrates on igneous and metamorphic rock identification of hand specimens through the petrographic microscope.

Three hours lecture, three hours laboratory.

Prerequisites of GLY 21 and GLY 24 are required.

Credits: 4

On Occasion

GLY 23 Environmental Geochemistry

This course studies the chemistry of the Earth and interactions of the solid Earth with the hydrosphere and atmosphere. Topics include the chemistry of soils and soil contamination, isotopic traces of environmental and climatic change, the geologic connection in the carbon cycle, natural geochemical hazards such as lead, arsenic, and radon, and geologic disposal of radioactive waste.

Prerequisites of (GLY 1 or ERS 2) and CHM 3 or permission of instructor are required.

Credits: 3

On Occasion

GLY 24 Optical Mineralogy

This course studies elements of optical crystallography in addition to the principles and use

of the petrographic microscope in the study and identification of rock forming minerals in thin sections and fragments.

One hour lecture, three hours laboratory.

Prerequisite of GLY 21 is required.

Credits: 2

On Occasion

GLY 25 Economic Geology

The course studies mineral deposits and the principles of formation, description and classification of the important types of mineral deposits, such as metallic minerals, construction materials, and selected fuels.

Prerequisite of GLY 21 is required.

Credits: 3

On Occasion

GLY 26 Earth Materials: Minerals and Rocks

This course studies the important rock forming and ore minerals and the common igneous, sedimentary, and metamorphic rocks. Topics include: chemistry and structure and identification of the common minerals, igneous textures, volcanoes and volcanic rocks, plutonic rocks, composition of sedimentary rocks, metamorphic processes, metamorphic textures and types of metamorphic rocks, comparison of metamorphic rock textures with their igneous and sedimentary equivalents. Mineral and rock specimens will be studied in hand sample and under the microscope. Three hours lecture and integrated laboratory with hands-on study of mineral and rock specimens.

Prerequisite of (GLY 1 or ERS 2) is required.

Credits: 3

On Occasion

GLY 29 Global Climate Change

A course exploring the problem of global warming through readings, discussion, and debates. The course will begin with a primer on the Earth's climate system. This will be followed by study of records of climate variations in the ancient past, more recent past, and ongoing natural variations. The remainder of the course will examine the evidence as to whether human-induced global warming is occurring or may occur; predictions for the magnitude of potential temperature rise and consequences such as rising sea level, stronger hurricanes, increase in tropical diseases, and disruptions of agriculture; and finally, arguments addressing the range of possible societal responses. Same as ERS 29.

Prerequisites ERS 1 and (GLY 1 or ERS 2) are required.

Credits: 3

On Occasion

GLY 33 Field Geology

This is a field course in techniques of geologic mapping that stresses observation and reasoning from field measurements. Students use air photographs, construct cross sections and geologic maps, and produce geologic reports on a chosen area. The course entails two weeks of study in an

area of moderate geologic complexity in the northeastern United States.

Prerequisite of GLY 13 is required.

Credits: 3

On Occasion

GLY 35 Field Studies in Geology

This course is designed for students who wish to participate in field-based, experiential learning opportunities in geology in approved domestic or international locations. Enrollment in this course will be subject to the review and approval by the department of a specific course syllabus that is consistent with the area being studied.

Credits: 1 to 3

On Occasion

GLY 39 Vertebrate Paleontology

Paleobiology and the past history of major groups of vertebrates are studied. Emphasis is on processes of vertebrate evolution from ancient fishes to extinct mammals throughout geological time. Patterns of diversification, extinction and environmental implications are considered.

Same as BIO 254.

Prerequisite of BIO 7 & 8 or BIO 103 & 104 or permission of instructor is required.

Credits: 3

On Occasion

GLY 41 Paleontology

This course studies the formation and preservation of fossils, evolution, classification of fossils, the use of fossils to interpret ancient environments and to date rock units.

Three hours lecture, three hours laboratory.

Prerequisite of GLY 2 is required.

Credits: 4

On Occasion

GLY 42 Stratigraphy

This course covers the principles of the classification of rocks in space and time, a critical review of paleontological methods and their bearing on age determination, physical relationships of rock units and radiometric methods of dating.

Prerequisite of GLY 2 is required.

Credits: 3

On Occasion

GLY 43 Sedimentology

This course covers the origin, transportation, and deposition of sedimentary particles, the conversion of sediments into sedimentary rocks to trace the history of different depositional environments, and the mechanical and microscopic study of sediments and sedimentary rocks. Field trips constitute an integral part of the course.

Three hours lecture when offered for three credits; three hours lecture, three hours laboratory/fieldwork when offered for four credits.

Prerequisite of (GLY 1 or ERS 2) is required.

Credits: 3 to 4

On Occasion

GLY 44 The Ice Age: Pleistocene Geology

This course studies global climactic changes and the resulting geologic changes experienced during the Pleistocene and recent periods. Features found on Long Island are discussed in detail and field trips constitute an integral part of the course.

Prerequisite of (GLY 1 or ERS 2) is required.

Credits: 3

On Occasion

GLY 45 Micropaleontology

This course is a survey of the various important groups of microfossils. This course studies microfossil assemblages through time with emphasis on their use as indicators of geologic time and depositional environment.

Three hours lecture, three hours laboratory.

Prerequisite of GLY 41 is required.

Credits: 4

On Occasion

GLY 46 Paleoecology

Organisms of the past are viewed in relation to past environments, including taphonomy and correction for preservational bias, relations to environment of individuals, populations and communities of the past. Also studied is the significance of trace fossils and fossils as keys to environmental reconstruction. Three hours lecture, three hours laboratory/fieldwork.

Prerequisites of GLY 2 and GLY 41.

Credits: 4

On Occasion

GLY 47 Plate Tectonics: "Our Wandering Continents"

This course studies the large scale dynamics of the solid Earth through the paradigm of plate tectonics. It covers the history and fundamentals of plate tectonic theory, mechanisms for plate motions, continental deformation resulting from tectonic motions, and discusses some of the frontiers of our theory of the earth. For advanced Geology majors and other students with the necessary background. *Prerequisite of GLY 13 or permission of instructor is required.*

Credits: 3

On Occasion

GLY 48 Geophysics: Sounding the Earth

This course presents the physical methods used for studies of deep earth structure, shallow crustal exploration, and mineral prospecting. Topics covered include earthquake seismology, reflection and refraction seismology, geomagnetism, isostasy and gravity anomalies, and electromagnetic methods. Exercises with real geophysical data sets and/or student acquired field data form the basis for class projects.

Prerequisites of (GLY 1 or ERS 2), MTH 7 and PHY 3 or permission of instructor are required.

Credits: 3

On Occasion

GLY 50 Engineering and Environmental Geology

The course presents basic geologic problems associated with civil engineering and provides a survey of environmental hazards in geology, such as the impact of earthquakes, volcanic eruptions, and flood and coastal storm damage. Topics also include the relationship between rock materials and soils, the various uses of rock materials in engineering and the engineering properties of rocks, foundation survey methods, principles of soil mechanics as related to engineering structure, and subsurface exploration methods.

Prerequisite of (GLY 1 or ERS 2) is required.

Credits: 3

On Occasion

GLY 81 Research Problems in Geology

This course is a detailed study of some specially chosen research problem in geology and is open only to students with advanced standing in Geology.

Credits: 1 to 3

On Occasion

GLY 100 Geology Tutorial

1) Tutorial may involve writing papers on special topics, followed by group discussion. Themes may include study of environmental problems in geology, geology of the local region, plate tectonics and continental drift, etc. Or, 2) tutorials may be of a research type, with students working on a project under faculty supervision. Or, 3) tutorials may involve a series of field trips to sites of geologic interest. Students are expected to write a report in the case of (2) and (3). This course may be repeated once if the content is different.

Credits: 3

On Occasion

GLY 301 The Dynamic Earth - Honors Core

This course is a study of the Earth's composition and structure and of the processes operating on the earth. Topics include rocks and minerals, igneous and volcanic activity, plate tectonics, and the processes of weathering and erosion which modify the surface of the earth.

Three hours lecture, three hours laboratory.

Not open to students who have completed GLY 1 or ERS 2.

Must be in Honors College

Credits: 4

Every Fall

GLY 302 History of the Earth - Honors Core

This course is an outline of the principles and methods used by geologists to reconstruct the history of the earth. Topics include the historical development of the crust; the geologic time scale; fossils; the changing pattern of ancient environments; the evolution of plant and animal life against the background of changing environments.

Three hours lecture, three hours laboratory.

Prerequisite of GLY 301 or GLY 1 or ERS 2 is

required.

Credits: 4

Every Spring

DEPARTMENT OF ECONOMICS

Phone: 516-299-2321

Fax: 516-299-3943

Chair: Assistant Professor Dolar

Professor: Mourdoukoutas, Roy

Associate Professor: Granitz

Adjunct Faculty: 4

Economics is a subject area that impacts every industry, culture and individual. It focuses on how people, groups, corporations and countries attempt to allocate limited resources to satisfy humanity's needs for money, goods and services. The Department of Economics offers the Bachelor of Arts in Economics, an accelerated Bachelor of Arts in Economics/Master of Business Administration (with the College of Management) along with a minor. As an economics major, students learn how to create plans to forecast and address societal issues such as unemployment, inflation and environmental maintenance. Coursework includes money and banking, public finance and taxation, economics and the law, government spending and labor management. Economics faculty members are among the best in the field, with specialties in Asian banking, micro and macroeconomics, work salaries and labor-related data analysis.

In conjunction with the College of Education, Information and Technology, the Department of Economics offers courses which are part of the B.S. in Adolescence Education: Social Studies. This degree will satisfy the requirements for initial certification to teach Social Studies in grades 7 to 12. In addition, the Department offers courses which are part of the concentration in Social Studies for the B.S. in Early Childhood Education (Birth to Grade 2) and the B.S. in Childhood Education (Grades 1 to 6).

B.A. in Economics

In an increasingly interconnected world, where commerce, employment, banking, investing, currencies and trade affect everyone, an education in economics is more important than ever. 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 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 economics disciplines.

Graduates of the B.A. in Economics can aspire to careers as lawyers specializing in corporate laws and regulations; industry and financial analysts;

policy analysts working for governments and non-governmental organizations; aid workers helping poor countries improve their economies, and diplomats specializing in the relationship between industry and government, to name just a few.

Small classes, faculty with expertise in diverse areas, and a comprehensive examination of the economies of the United States and the world provide students with excellent career preparation.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in Economics

{Program Code: 07082}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Economics must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits (MTH 5 or 7)
Social Sciences	6 credits

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:

ECO 10	Introduction to Microeconomics	3.00
ECO 11	Introduction to Macroeconomics	3.00
ECO 61	Microeconomic Analysis	3.00
ECO 62	Macroeconomic Analysis	3.00
ECO 72	Statistics	3.00
ECO 73	Intermediate Business Statistics	3.00

Elective Economics Courses

Six of the following:

ECO 7	Political Aspects of Economics	3.00
ECO 14	Everyday Economics	3.00
ECO 21	Money and Banking	3.00
ECO 22	Economics for Investors	3.00
ECO/PSY 23	Behavioral Economics	3.00
ECO 25	Economic Geography	3.00
ECO 32	Economics of American Industry	3.00
ECO 35	Economics of Government	3.00
ECO 36	Health Economics	3.00
ECO 37	The Economics of Obesity	3.00
ECO 38	Sports Economics	3.00
ECO 40	Contemporary Chinese Economy	3.00
ECO 41	International Economics	3.00
ECO 42	Economics of Underdeveloped Countries	3.00
ECO 43	The Japanese Economy	3.00
ECO 44	The Transition Economies of Central Europe and the Former Soviet Union	3.00
ECO 45	Economics of the Middle East	3.00
ECO 46	Current Economic Issues	3.00
ECO 47	Economics and Aging	3.00
ECO 48	Economics and the Law	3.00
ECO 49	Economics of the Environment	3.00
ECO 54	History of Economic Thought	3.00
ECO 55	American Economic History	3.00
ECO 63	Labor Economics	3.00
ECO/FIN 65	Money and Capital Markets	3.00
ECO 74	Mathematical Economics	3.00
ECO 75	Game Theory: Individual Choices and Group Outcomes	3.00
ECO 81	Research Problems in Economics I	3.00

ECO 82	Research Problems in Economics II	3.00
ECO 88	Economics in the World	3.00
ECO 359	Honors Advanced Elective	3.00
ECO 360	Honors Advanced Elective	3.00
ECO 385	Honors Tutorial	3.00
ECO 386	Honors Tutorial	3.00
ECO 389	Honors Thesis	3.00
ECO 390	Honors Thesis	3.00
ECO 400	State, Society, and the Individual: Hoxie Colloquium	3.00

Required Mathematics Courses

One of the following sequences:

MTH 5	Linear Mathematics for Business and Social Science	3.00
MTH 6	Calculus for Business and Social Science	3.00

OR

MTH 7	Calculus and Analytic Geometry I	4.00
MTH 8	Calculus and Analytic Geometry II	4.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 90
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

DUAL DEGREE PROGRAMS

B.A. in Economics/Master of Business Administration

This exciting accelerated degree program offers a 21st century alternative to traditional business education. Designed for today's interdependent world where economic forces operate in an increasingly complex business environment the 5-year program combines an undergraduate education in economics with a comprehensive MBA preparation in management, marketing, finance and world business. Upon graduation, students will be uniquely equipped for careers in investment banking, international trade and supply chain management.

To further their understanding of international economics, global economic forces and international business planning, students have the option of studying abroad for a junior-year semester at LIU Global's center in China.

Upon successful completion of the required courses, students are awarded both a Bachelor of Arts in Economics and the Master of Business Administration a full year less than if the degrees were pursued separately. Because students take some graduate courses as undergraduates, this option offers significant savings in time and money.

The combined bachelors and MBA degree program requires the completion of 159 credits 123 undergraduate credits and 36 graduate credits for the MBA.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.
- Admission to the upper division of the B.A. in Economics/M.B.A. program (master's degree level) 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). In addition, before taking the 600-level courses, as specified below, students must meet the GMAT and GPA index requirements:
- 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 10 and ECO 11
 - ACC 11 or ACC 12
 - FIN 11 or FIN 12
 - MAN 11
 - MKT 11
 - ECO 72 or QAS 20
- Minimum GMAT score of 400; and,
- Meet the same standards for admission to the MBA portion of the program as students who apply from other schools, or who have already completed a bachelor's degree at LIU Post.

B.A. in Economics/Master of Business Administration

{Program Code: 35985}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Economics/Master of Business Administration must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)

Fine Arts	3 credits
History/Philosophy	3 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits (MTH 5 or 7)
Social Sciences	6 credits

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.

ECO 10	Introduction to Microeconomics	3.00
ECO 11	Introduction to Macroeconomics	3.00
ECO 61	Microeconomic Analysis	3.00
ECO 62	Macroeconomic Analysis	3.00
ECO 72	Statistics	3.00
ECO 73	Intermediate Business Statistics	3.00

Elective Economics Courses

Six of the following:

ECO 7	Political Aspects of Economics	3.00
ECO 14	Everyday Economics	3.00
ECO 21	Money and Banking	3.00
ECO 22	Economics for Investors	3.00
ECO/PSY 23	Behavioral Economics	3.00
ECO 25	Economic Geography	3.00
ECO 32	Economics of American Industry	3.00
ECO 35	Economics of Government	3.00
ECO 36	Health Economics	3.00
ECO 37	The Economics of Obesity	3.00
ECO 38	Sports Economics	3.00
ECO 40	Contemporary Chinese Economy	3.00
ECO 41	International Economics	3.00
ECO 42	Economics of Underdeveloped Countries	3.00
ECO 43	The Japanese Economy	3.00

ECO	44	The Transition Economies of Central Europe and the Former Soviet Union	3.00
ECO	45	Economics of the Middle East	3.00
ECO	46	Current Economic Issues	3.00
ECO	47	Economics and Aging	3.00
ECO	48	Economics and the Law	3.00
ECO	49	Economics of the Environment	3.00
ECO	54	History of Economic Thought	3.00
ECO	55	American Economic History	3.00
ECO	63	Labor Economics	3.00
ECO/ FIN	65	Money and Capital Markets	3.00
ECO	74	Mathematical Economics	3.00
ECO	75	Game Theory: Individual Choices and Group Outcomes	3.00
ECO	81	Research Problems in Economics I	3.00
ECO	82	Research Problems in Economics II	3.00
ECO	359	Honors Advanced Elective	3.00
ECO	360	Honors Advanced Elective	3.00
ECO	385	Honors Tutorial	3.00
ECO	386	Honors Tutorial	3.00
ECO	389	Honors Thesis	3.00
ECO	390	Honors Thesis	3.00
ECO	400	State, Society, and the Individual: Hoxie Colloquium	3.00

Required Mathematics Courses

One of the following sequences:

MTH	5	Linear Mathematics for Business and Social Science	3.00
MTH	6	Calculus for Business and Social Science	3.00
OR			
MTH	7	Calculus and Analytic Geometry I	4.00
MTH	8	Calculus and Analytic Geometry II	4.00

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.

ACC	11	Accounting Principles I	3.00
FIN	11	Corporation Finance	3.00
MAN	11	Principles of Management	3.00
MKT	11	Marketing Principles and Practices	3.00
MBA	621	Financial Markets and Institution	3.00
MBA	625	Global Business: Environment and Operations	3.00

Required Graduate Management

Perspective Courses

All of the following:

MBA	620	Managing Informational Technology and e-Commerce	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
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Credit and GPA Requirements

Minimum Total Credits: 150
 Minimum Total Undergraduate Credits: 114
 Minimum Graduate Credits: 36
 Minimum Undergraduate Liberal Arts Credits: 87
 Minimum Undergraduate Major GPA: 3.00
 Minimum Undergraduate Cumulative GPA: 3.00
 Minimum Graduate GPA: 3.00

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) With Concentration in Social Studies
B.S. in Childhood Education (GRADES 1 to 6) With Concentration in Social Studies

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Social Studies. This 30-credit program consists of courses from Economics,

History, Geography, Political Science and Sociology/Anthropology. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Social Studies, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Social Studies (Grades 7 TO 12)

Students seeking to be initially certified to teach Social Studies in secondary schools in New York State should pursue the B.S. in Adolescence Education: Social Studies (Grades 7 to 12). This degree combines courses from Economics, Geography, History, Political Science and Sociology/Anthropology with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

MINORS

Minor in Economics

Undergraduate students pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in Economics. A minor adds value to your degree and a competitive edge in the job market by providing additional skills and enhanced knowledge in another field of study.

Minor in Economics Requirements

Required Economics Courses

All of the following:

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00

AND one of the following:

ECO	61	Microeconomic Analysis	3.00
ECO	62	Macroeconomic Analysis	3.00

Elective Economics Courses

At least three courses/nine credits from all ECO courses numbered 14 and above excluding ECO 95.

Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Minor GPA: 2.25

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. If, after completion of ECO 5, students wish to major in Economics or Business, they should consult the chair.

Credits: 3

On Occasion

ECO 7 Political Aspects of Economics

This course covers 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

On Occasion

ECO 10 Introduction to Microeconomics

This course discusses the important economic theories and concepts that facilitate understanding economic events and issues. Its main focus is on the choices made by consumers, producers, and governments, and their interactions of these choices. Topics include demand and supply, consumption, and production, competitive and non-competitive product markets, markets for resources, and welfare.

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.

Prerequisite of ECO 10 is required.

Credits: 3

Every Fall, Spring and Summer

ECO 14 Everyday Economics

This course has students examine how economics decision-making influences their lives every day. It includes examining daily life choices in areas such as time management and financial management. Topics will include cost-benefit analysis, the time value of money, basic taxation concepts, employee benefits that help shelter income and the fundamentals of investing to plan for future financial security.

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.

Same as FIN 21.

Prerequisite 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.

Prerequisite 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 25 Economic Geography

This course is a study of the area differentiation of economic activities over the surface of the earth, and the physical and human environmental factors affecting the geographical pattern of economic activity.

Same as GGR 25.

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, benefits-cost analysis, efficiency, equity, budget deficits, national debt, and democratic politics.

Prerequisite of ECO 10 or 11 is required.

Credits: 3

On Occasion

ECO 36 Health Economics

This course is an introduction to the field of health economics. Health economics is an active field of microeconomics with a large and growing literature. This course will cover a variety of topics concerning the determinants of health, the supply and demand for healthcare services, the impact of insurance on the demand for healthcare services, and the role of government in healthcare markets and in promoting health behavior.

Pre requisite of ECO 10 is required. ECO 61 is recommended but not required

Credits: 3

On Occasion

ECO 37 The Economics of Obesity

This course demonstrates how basic economic concepts, principles, and theories can be used to think about and illuminate the issue of obesity in the United States and worldwide. This course will cover a variety of topics concerning the determinants of the demand and supply for food. The impact of obesity on health insurance and healthcare will be analyzed. Government policies that are contributing to the growth in obesity and policies that may help reverse this trend will be described and discussed.

Pre requisite of ECO 11 or ECO 10 is required.

ECO 61 is recommended but not 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 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

On Occasion

ECO 42 Economics of Underdeveloped Countries

This course studies the theories of economic development and offers a comparative and analytical examination of factors that explain growth of various countries and regions.

Prerequisite of ECO 10 is required.

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 44 The Transition Economies of Eastern Europe and the Former Soviet Union

The historical analysis of the Soviet Union and Eastern European economic systems is studied along with a focus on recent changes and related problems in the region.

Prerequisite of ECO 11 is required.

Credits: 3

On Occasion

ECO 45 Economics of the Middle East

This course surveys the major economics issues facing countries in the Middle East today: education, health, income distribution, poverty, labor migration, population growth, oil incomes, water supplies and military spending. The economic impact on the socio-political issues of the region will be discussed.

Prerequisite of ECO 11 or permission of instructor 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 47 Economics and Aging

This course focuses on the economic issues and policies impacting the aging and the aged in addition to the market and non-market solutions to the problems of economic security and retirement for the aging portion of our population.

Prerequisites ECO 10 and 11 or permission of instructor are required.

Credits: 3

On Occasion

ECO 48 Economics and the Law

This course explores the applications of economic knowledge to legal issues: an analysis of major court decisions in selected areas of the law including but not limited to property, contract, environmental law, antitrust, equal employment opportunity, labor law and securities.

Prerequisites ECO 10 and 11 or permission of instructor are required.

Credits: 3

On Occasion

ECO 49 Economics of the Environment

Focuses on economic issues of vital interest in domestic and global environmental policy. This course demonstrates how solutions to environmental problems exhibit costs as well as benefits and examines ways in which public policy can be crafted to meet environmental concerns while maintaining important economic objectives such as economic growth, increased employment and international competitiveness.

Prerequisite of ECO 10 is required.

Credits: 3

On Occasion

ECO 54 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

On Occasion

ECO 55 American Economic History

This course is a descriptive and analytical account of economic growth of the United States and institutional and organizational changes that gave rise to rapid growth in living standards.

Credits: 3

On Occasion

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 therefore be placed on both financial theory and the U.S. institutional structure. The former will include the loanable funds theory, liquidity preference, the modern quantity theory of money, and theories of the term structure of interest rates. The latter will include an examination of financial markets and financial institutions and their competitive strategies. Regulatory changes and both traditional and new financial instruments will also be evaluated. Use of the Federal Reserve's flow of funds will be integrated into the course as will material from rating agencies and major financial firms. Current events also will be integrated into the course. Same as 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, 4S, 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 is the mathematical analysis of economic theory. Topics include aspects of the theory of consumption, cost and production, market structures, existence of Walresian 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 75 Game Theory: Individual Choices and Group Outcomes

This course is an interdisciplinary introduction to game theory, which tries to understand the behavior of a group (of people, businesses, nations, species, etc.) by focusing on the motivations of the individual members of the group. Familiar examples (from politics, international relations, economics, business, biology, etc.) are used to illuminate the general principles of the use of strategy.

Prerequisite of one of the following courses is required: MTH 1, 3, 3S, 4, 4S, 5, 6, 7, 8, 15, or 16.

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 88 Economics in the World

This is a capstone course that focuses on assisting students in applying economic thinking to situations in the world. Specifically the course will examine recent issues in macroeconomics, applied microeconomics, quantitative analysis and other economic sub-fields. In the world most situations involve imperfect markets with asymmetric information and/or market failures of some type. The analysis and understanding of these imperfect markets requires a deeper level of analysis and reflection, this course will develop this advanced level of critical thinking. Students will utilize economic theory to understand decision-making in these situations and describe the motivations, and actions of the agents involved.

A pre-requisite of Senior Status, ECO 10, 11, 61, 62, 72, a pre or co-requisite of ECO 73 and a minimum of 5 additional upper level ECO courses are required.

Credits: 3

On Occasion

ECO 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 GGR 85, HIS 95, POL 95 and SOC 95.

Prerequisite of Adolescent Education Social Studies major is required.

Credits: 3

Annually

ECO 303 Introductory Microeconomics - Honors Core

The course deals with the theory of supply and demand, theory of the firm, resource allocation and international trade. Students study the application of these concepts to contemporary America and to an economic system of another time and/or place. May be used to fulfill ECO core requirement.

Must be in Honors College

Credits: 3

Every Fall

ECO 304 Introductory Macroeconomics - Honors Core

Topics include economic institutions, national income and product, money and banking and principles of economic growth. Students apply this fundamental background to contemporary America and to an economic system of another time and/or place. May be used to fulfill ECO core requirement.

Prerequisite of ECO 303 is required.

Credits: 3

Every Spring

ECO 400 State, Society, and the Individual: Hoxie Colloquium

This course is a cross-disciplinary colloquium focusing on issues confronting the human community. Enrollment is limited to three advanced students selected by each of the participating departments. The course is led on a rotating basis by faculty from the departments of Earth and Environmental Science, Economics, History, Political Science/ International Studies and Sociology/ Anthropology. The faculty member leading the colloquium topic selects the colloquium's topic in consultation with the participating departments. Open to students with advanced standing (ordinarily senior status) in the participating department.

Same as ANT 400, GGR 400, HIS 400, POL 400 and SOC 400.

Credits: 3

On Occasion

ECO 422 Economic Issues and Policy

This course presents and uses simple tools of micro- and macroeconomics to analyze current issues and government policy. Examples of tools include supply and demand diagram, measuring elasticity, defining gross domestic product, unemployment rate, etc. Examples of current issues and policy include how growing national debt, the sustainability of our entitlement programs, the role of secondary and higher education in our society.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

DEPARTMENT OF ENGLISH

Phone: 516-299-2391

Fax: 516-299-2997

Chair: Associate Professor J. Lutz

Senior Professor: Miller

Professors: Bednarz, Digby (Director, Honors

College), Fahy (Graduate Director; Director,

American Studies Program), Hallissy, Hill-Miller,

Nalbantian, Pahl, Ryden, Scheckter

Associate Professors: Semeiks, Szekely

Assistant Professor: Ahern

Adjunct Faculty: 27

The LIU Post Department of English offers the B.A. in English with specializations in writing or literature. In conjunction with the College of Education, Information and Technology, the Department also offers the B.S. in Adolescence Education: English. This degree will satisfy the requirements for initial certification to teach English in grades 7 to 12. Information about this degree can be found in the College of Education, Information and Technology section. The Department also has a 5-year accelerated program which combines the B.S. in Adolescence Education: English and the M.A. in English (see below). 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). In addition, the Department of English offers courses which are part of the concentration in American Studies for these degrees. A minor in English is available for undergraduates majoring in other subjects at the University.

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 English Department also is home to *Confrontation*, Long Island University's literary magazine, which since 1968 has published both famous and lesser-known writers, including seven Nobel Prize winners.

B.A. in English

Concentration in Literature

Studying literature is a road map to the world around you. In the LIU Post English Department you will travel the past with such great literary voices as Chaucer and Shakespeare, Dickens and the Brontës. Then you will discover the world through contemporary writers such as James Joyce, Tennessee Williams and Virginia Wolfe. The B.A. in English with a Concentration in Literature offers you an opportunity to explore these great minds of Western civilization, in their own words, on a one-to-one basis. The systematic study of great literature prepares students for a wide variety of careers, including teaching, law, medicine, business and computer science.

In this 120-credit program you will learn to write clearly, to organize and communicate your thoughts and feelings, and to understand what the finest writers of the past and present have said about the enduring issues of identity, morality, spirituality, and material success. Along with a solid grounding in basic composition and a survey of English literature from the Anglo-Saxon period to the 20th century, you can choose from an exciting array of electives that range from "The Bible as Literature" and "The Victorian Rebels" to "The Art of Autobiography" and "The American Novel."

With introductory courses in logic and political science, English is an excellent, traditional pre-law major, and with appropriate introductory sequences in the sciences, English is also an excellent pre-medical or pre-dental major. With a minor in Business or Computer Science, a student who majors in English will prepare especially well for many executive positions in business and government.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Academic Policies

Students contemplating graduate work in English are advised that many Ph.D. programs require a reading knowledge of one or more foreign languages and are urged to complete foreign

language study through courses 11 and 12. Such students are also urged to take an advanced course in History and one of the following: LIN 11 Comparative Linguistics, LIN 12 Descriptive Linguistics, LIN 41 Applied Linguistics, or SPH 51 Phonetics of English.

The Department expects the student to choose English courses from a wide range of figures, genres and periods. Among the major figures regularly offered are Chaucer, Shakespeare and Milton, but the major figure requirement may be met by taking any special-topic course in which an author's name appears in the title; such a course may not be used to fulfill the genre or period requirement.

The genre distribution requirement may be met by taking any course that names a genre (literary type or mode) in the title. The genres regularly offered include poetry, drama, fiction and autobiography. The literary periods regularly offered cover the whole range of English, American and world literature; however, the period distribution requirement must be met with a course indicating in its title that it is limited in scope to an historical period of British literature or comparative literature. Some courses may count either as genre courses or period courses, but a course may not be used simultaneously to fulfill two distribution requirements.

Concentration in Writing

The ability to communicate well is a fundamental requirement for personal and professional success. The 120-credit Bachelor of Arts in English with a concentration in writing is an ideal degree for anyone who wishes to become a professional writer, or who aspires to a career where communication skills are applied. The writing concentration explores various forms of creative expression through course work in literature, creative writing and non-fiction writing. Students pursuing this concentration have the opportunity to take courses in "Creative Writing" (poetry, non-fiction, drama), "Advanced Writing" (business writing, expository) and "Rhetoric/English Language" (logic of conversation, history of the English language, persuasion). The B.A. in English offers students both a strong traditional liberal arts education and many opportunities to explore other disciplines

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in English

{Program Code: 07046}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in English must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits (satisfied in major)
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required English Foundation Courses

All of the following:

ENG 10	Introduction to Literature	3.00
ENG 85	Disciplinary Literacy in English	3.00

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.

Literature Concentration

Required English Literature Courses

All of the following:

ENG 11	British Literature: Survey Medieval, Renaissance, Neo-Classical	3.00
ENG 12	British Literature II: Survey Romantic, Victorian, Modern	3.00

Required Major Figure Course

One of the following:

ENG 20	Chaucer	3.00
ENG 21	Shakespeare: Comedies and Histories, Non-Dramatic Poetry	3.00
ENG 22	Shakespeare: Tragedies and Romances	3.00
ENG 23	Milton	3.00

ENG 25	Major Figure	3.00
ENG 27	The Life and Fiction of Charles Dickens	3.00
ENG 29	Edward Albee	3.00
ENG 116	W.B. Yeats: Poet in a Revolutionary Time	3.00
ENG 134	Byron and His Revolutionary Circle	3.00
ENG 155	O'Neill, Miller, Williams: Forces in Modern American Drama	3.00
ENG 160	Hawthorne and James: From Romance to Realism	3.00
ENG 161	Melville	3.00

Required Historical Period Course

One of the following:

ENG 7	World Literature I: From Antiquity to the Renaissance	3.00
ENG 8	World Literature II: From the Enlightenment to the Present	3.00
ENG 13	The Short Story	3.00
ENG 15	Modern Drama	3.00
ENG 16	The Modern Novel	3.00
ENG 17	Modern Poetry	3.00
ENG 19	Early English Literature: From the Beginnings to 1485	3.00
ENG 21	Shakespeare: Comedies, Histories, Non-Dramatic Poetry	3.00
ENG 22	Shakespeare: Tragedies, Romances	3.00
ENG 24	Renaissance Drama	3.00
ENG 27	The Life and Fiction of Charles Dickens	3.00
ENG 32	Contemporary Literature	3.00
ENG 51	Greek Drama	3.00
ENG 54	Eighteenth-Century Literature and Life	3.00
ENG 55	The Romantic Period	3.00
ENG 58	The Victorian Period	3.00
ENG 67	Classical Literature in Translation	3.00
ENG 68	Mythology	3.00
ENG 78	The English Novel: Nineteenth and Twentieth Centuries	3.00

ENG 102	African Postcolonial Literature	3.00
ENG 103	Irish Literary Renaissance	3.00
ENG 104	History of Irish Literature	3.00
ENG 105	Native American Literature	3.00
ENG 107	Postcolonial Literature and Theory	3.00
ENG 109	American Slave Narratives	3.00
ENG 110	The Black Diaspora: African-American Literature in Context	3.00
ENG 111	The English Renaissance	3.00
ENG 112	Modern British Literature	3.00
ENG 113	The Eighteenth-Century English Novel	3.00
ENG 114	The Nineteenth-Century English Novel	3.00
ENG 115	The World Novel in English	3.00
ENG 116	W.B. Yeats: Poet in a Revolutionary Time	3.00
ENG 133	Eighteenth-Century Writers on Writing	3.00
ENG 134	Byron and His Revolutionary Circle	3.00
ENG 135	Renaissance and Revolution: The Making of the Modern World	3.00
ENG 136	The Victorian Rebels	3.00
ENG 137	Magic Realism	3.00
ENG 140	The Bloomsbury Group	3.00
ENG 151	Survey of American Writers to the Civil War	3.00
ENG 152	The American Novel	3.00
ENG 153	Contemporary American Drama	3.00
ENG 163	Literature of New York	3.00
ENG 165	American Colonial Literature	3.00
ENG 251	American Writers Since the Civil War	3.00

Required Genre Course

One of the following:

ENG 13	The Short Story	3.00
ENG 15	Modern Drama	3.00
ENG 16	The Modern Novel	3.00
ENG 17	Modern Poetry	3.00

ENG 21	Shakespeare: Comedies and Histories, Non-Dramatic Poetry	3.00
ENG 22	Shakespeare: Tragedies and Romances	3.00
ENG 24	Renaissance Drama	3.00
ENG 27	The Life and Fiction of Charles Dickens	3.00
ENG 29	Edward Albee	3.00
ENG 35	Childhood and Literature	3.00
ENG 36	Adolescent Literature	3.00
ENG 41	The Art of Poetry	3.00
ENG 42	The Art of Autobiography	3.00
ENG 49	English Drama	3.00
ENG 50	Great Plays	3.00
ENG 51	Greek Drama	3.00
ENG 52	The Bible as Literature	3.00
ENG 68	Mythology	3.00
ENG 78	The English Novel: Nineteenth and Twentieth Centuries	3.00
ENG 102	African Postcolonial Literature	3.00
ENG 103	Irish Literary Renaissance	3.00
ENG 104	History of Irish Literature	3.00
ENG 107	Postcolonial Literature and Theory	3.00
ENG 108	African-American Literature of the Twentieth Century	3.00
ENG 109	American Slave Narratives	3.00
ENG 110	The Black Diaspora: African-American Literature in Context	3.00
ENG 113	The Eighteenth-Century English Novel	3.00
ENG 114	The Nineteenth-Century English Novel	3.00
ENG 115	The World Novel in English	3.00
ENG 131	Small World: Literature of the Academic Life	3.00
ENG 134	Byron and His Revolutionary Circle	3.00
ENG 136	The Victorian Rebels	3.00
ENG 137	Magic Realism	3.00
ENG 138	Gender, Sexuality and Literature	3.00

ENG 139	Gender and the English Language	3.00
ENG 140	The Bloomsbury Group	3.00
ENG 152	The American Novel	3.00
ENG 153	Contemporary American Drama	3.00
ENG 154	American Poetry	3.00
ENG 155	O'Neill, Miller, Williams: Forces in Modern American Drama	3.00
ENG 156	Irish American Fiction	3.00
ENG 157	American Modernism and the Art of Making it New	3.00
ENG 158	Freak Shows and the Modern American Imagination	3.00
ENG 159	Bodies on Display: Perspectives on the Body in American Culture from the 19th Century to the Present	3.00
ENG 160	Hawthorne and James: From Romance to Realism	3.00
ENG 162	American Autobiography	3.00
ENG 163	Literature of New York	3.00
ENG 164	American Drama	3.00

Required Upper-Level English Literature Courses

Three courses/nine credits from all 100- or 200-level ENG courses or ENG 389 or 390

Elective English Courses

Two courses/six credits from all ENG courses excluding ENG 1, 2, 3, 303 and 304
ENG 25, 44, 47, 48, 100, 359 and 360 may be used to satisfy the above areas based on the chosen topic. Please see your advisor for more information.

Writing Concentration

Required Creative Writing Courses

Any two courses/six credits of the following:

ENG 182	Introduction to Creative Writing	3.00
ENG 182	Creative Non-Fiction	3.00
ENG 282	Fiction Writing	3.00
ENG 283	Poetry Writing	3.00
ENG 284	Drama Writing	3.00
ENG 285	Screenwriting	3.00

Required Advanced Writing Courses

Any three courses/nine credits of the following:

ENG 6	Writing in Business	3.00
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ENG 181	The Art of Expository Writing	3.00
ENG 184	Writing and Healing	3.00
ENG 185	Theories of Writing and Composing	3.00
ENG 186	Writing in a Digital Age: Multimodal Rhetoric and Composition	3.00
ENG 187	Editing and Professional Writing	3.00
ENG 188	Writing in the Workplace: The Rhetoric of Professional Communication	3.00
ENG 189	Experimental Fiction Writing	3.00
ENG 190	Writing with Sound	3.00
ENG 191	Reading and Writing Comics	3.00
ENG 192	Technical Writing	3.00
ENG 193	Writing Young Adult Fiction	3.00
ENG 194	Videogame Narratives	3.00
ENG 389	Honors Thesis	3.00
ENG 390	Honors Thesis	3.00

Required Rhetoric/The English Language Courses

Any three courses/nine credits of the following:

ENG 3	Grammar and the Structure of English	3.00
ENG 133	Eighteenth-Century Writers on Writing	3.00
ENG 201	The English Language	3.00
ENG 202	Varieties of English	3.00
ENG 203	The Logic of Conversation	3.00
ENG 204	Theories of Persuasion: Ancient and Modern	3.00
ENG 205	Sex, Drugs, and Damnation: Letter Writing Through the Renaissance	3.00
ENG 389	Honors Thesis	3.00
ENG 390	Honors Thesis	3.00

Required English Literature Survey Courses

Any three courses/nine credits of the following:

ENG 7	World Literature I: From Antiquity to the Renaissance (must be WAC format)	3.00
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ENG 8	World Literature II: From the Enlightenment to the Present (must be WAC format)	3.00
ENG 11	British Literature: Survey Medieval, Renaissance, Neo-Classical	3.00
ENG 12	British Literature II: Survey Romantic, Victorian, Modern	3.00
ENG 21	Shakespeare: Comedies and Histories, Non-Dramatic Poetry	3.00
ENG 22	Shakespeare: Tragedies and Romances	3.00
ENG 151	Survey of American Writers to the Civil War	3.00
ENG 251	American Writers Since the Civil War	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 90
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

ACCELERATED PROGRAMS

B.S. in Adolescence Education: English / M.A. in English

B.S. in Adolescence Education: English (Grades 7 to 12)/M.A. in English

This 153-credit program leads to the B.S. in Adolescence Education: English (Grades 7 to 12) and the M.A. in English in five years, a full year less than if the two degrees were pursued separately. After the completion of the degree requirements, satisfy the New York State Teaching Certification Requirements; and successfully pass all licensure tests (LAST, ATS-W and CSTs), students will be awarded Initial Teaching Certification by the New York State Department of Education to teach English to grades 7 to 12. After completion of three years of professional teaching experience, you will be eligible for Professional Teaching Certification without taking additional coursework.

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. Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. When students have completed fewer than 24 credits, they

must also submit high school transcripts and SAT/ACT scores.

- Admission to the upper division of the B.S. in Adolescence Education: English (Grades 7 to 12)/M.A. in English requires completion of at least 60 credits with a grade point average of no lower than 3.0 (B) overall, an English grade point average of no lower than 3.0 (B) and Education grade point average of no lower than 2.75 (B). Admission requires acceptance of the student by the graduate director in the Department of English.

B.S. in Adolescence Education:

English/M.A. in English

{Program Code: 33210}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: English/M.A. in English must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	12 credits (6 credits of Language required; 6 credits of Literature satisfied by major)
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Undergraduate English Courses

All of the following:

ENG 3	Grammar and the Structure of English	3.00
ENG 10	Introduction to Literature	3.00
ENG 151	Survey of American Writers to the Civil War	3.00
ENG 251	Survey of American Writers Since the Civil War	3.00

Required Undergraduate English

Literature Course

One of the following:

ENG 11	British Literature: Survey Medieval, Renaissance, Neo-Classical	3.00
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ENG 12	British Literature II: Survey Romantic, Victorian, Modern	3.00
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Required Undergraduate Shakespeare

Course

One of the following:

ENG 21	Shakespeare: Comedies and Histories, Non-Dramatic Poetry	3.00
ENG 22	Shakespeare: Tragedies and Romances	3.00

Elective Undergraduate English Courses

Writing

One of the following:

ENG 181	The Art of Expository Writing	3.00
ENG 182	Introduction to Creative Writing	3.00
ENG 183	Creative Non-Fiction	3.00
ENG 184	Writing and Healing	3.00
ENG 185	Theories of Writing and Composing	3.00
ENG 186	Writing in a Digital Age: Multimodal Rhetoric and Composition	3.00
ENG 187	Editing and Professional Writing	3.00
ENG 188	Writing in the Workplace: The Rhetoric of Professional Communication	3.00
ENG 189	Experimental Fiction Writing	3.00
ENG 190	Writing with Sound	3.00
ENG 191	Reading and Writing Comics	3.00
ENG 192	Technical Writing	3.00
ENG 193	Writing Young Adult Fiction	3.00

Diversity

One of the following:

ENG 68	Mythology	3.00
ENG 102	African Postcolonial Literature	3.00
ENG 103	Irish Literary Renaissance	3.00
ENG 104	History of Irish Literature	3.00
ENG 105	Native American Literature	3.00
ENG 107	Postcolonial Literature	3.00
ENG 108	African-American Literature of the Twentieth Century	3.00
ENG 109	American Slave Narratives	3.00

ENG	110	The Black Diaspora: African-American Literature in Context	3.00
ENG	115	The World Novel in English	3.00
ENG	131	Small World: Literature of the Academic Life	3.00
ENG	137	Magic Realism	3.00
ENG	138	Gender, Sexuality and Literature	3.00
ENG	139	Gender and the English Language	3.00
ENG	141	The Literature of the Working Class	3.00
ENG	156	Irish American Fiction	3.00
ENG	163	The Literature of New York	3.00

ENG 25, 44, 47, 48, 95, 100, 359 and 360 may be used to satisfy the above areas based on the chosen topic. Please see your advisor for more information.

Required Undergraduate Upper-Level

English Course

One course/three credits from all ENG 100-level, 200-level (excluding ENG 207), 359, 360, 389 or 390.

As part of the requirements for this degree, students must complete an e-portfolio.

Required Graduate Research and Criticism Course

MUST BE TAKEN PRIOR TO STUDENT-TEACHING SEMESTER

ENG	710	Research and Criticism	3.00
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Required Undergraduate Education Courses

All of the following:

EDI	14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI	15A	Psychological Perspectives: Teaching and Learning	3.00
EDI	16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI	17	Psychology and Developmental of the Adolescent	3.00
EDI	35	General Methods of Teaching Secondary Education	3.00

EDI	35B	Methods and Materials in Teaching a Specific Subject in Grades 7-12 English	3.00
EDI	38	Supervised Student Teaching in Adolescence Education (Grades 7-12)	6.00
EDI	50	Pre-student Teaching Seminar: Critical Issues in Education	0.00
EDS	44	Introduction to the Study of the Exceptional Child	3.00
EDS	75A	Lit Assess & Inst Clsrn Tch 5-12	3.00
HE	205A	Adolescent Health-Risk Wrkshp	0.00

Required Graduate English Courses

All of the following:

ENG	699	Text(s) in Context	3.00
ENG	706	The Critical Tradition: An Introduction to Literary Theory	3.00

Elective Graduate English Courses

Rhetoric/English Language

One of the following:

ENG	781	Classical Rhetoric	3.00
ENG	782	Theories of Persuasion: Ancient and Modern	3.00
ENG	783	Eighteenth-Century Writers on Writing	3.00
ENG	784	Structure of English	3.00
ENG	785	Linguistics of Contemporary English	3.00
ENG	786	Stylistics	3.00
ENG	787	Introduction to Linguistics	3.00
ENG	788	History of the English Language	3.00
ENG	789	Historical Linguistics	3.00
ENG	790	Sociolinguistics	3.00
ENG	791	Language Acquisition	3.00
ENG	792	Applied Linguistics	3.00
ENG	793	Language and Gender	3.00
ENG	794	Varieties of English	3.00
ENG	795	Pragmatics and Discourse	3.00
ENG	799	Cultural Linguistics	3.00

Six courses/eighteen credits from any of the following nine areas of study (maximum one course/three credits from each area):

Classical/Early Literature and Language

ENG	709	Classical Literature in Translation	3.00
ENG	711	Mythology	3.00
ENG	712	Chaucer	3.00

Literature of the English Renaissance

ENG	713	Literature of the English Renaissance	3.00
ENG	714	Shakespeare	3.00
ENG	715	Shakespeare's Late Plays	3.00
ENG	716	Jacobean and Caroline Drama	3.00
ENG	717	Metaphysical and Cavalier Poetry	3.00
ENG	718	Seventeenth-Century Prose Style	3.00
ENG	719	Milton	3.00

Literature of the Restoration and Eighteenth Century

ENG	720	18th-Century Literature and Life	3.00
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Romantic and Victorian British Literature

ENG	721	The Romantic Movement	3.00
ENG	722	Studies in Victorian Literature	3.00
ENG	723	Gerard Manley Hopkins	3.00
ENG	724	The Gothic	3.00

Seventeenth- to Nineteenth-Century American Literature

ENG	725	American Renaissance	3.00
ENG	726	Late 19th-Century American Literature	3.00
ENG	727	Hawthorne and James: From Romance to Realism	3.00
ENG	746	American Slave Narratives	3.00
ENG	774	American Colonial Literature	3.00
ENG	775	Naturalist Gothic and American Realism	3.00

Twentieth- and Twenty-First Century Literature

ENG	729	Modern Poetry	3.00
ENG	730	The Modern Novel	3.00
ENG	731	Modern Drama	3.00
ENG	732	Modern British Literature	3.00
ENG	733	Twentieth-Century American Literature I: 1900-1945	3.00
ENG	734	Twentieth-Century American Literature II: 1945-2000	3.00

ENG 735	Contemporary American Drama	3.00	ENG 765	Staging Modernism: The Little Theatre Movement and Twentieth-Century American Culture	3.00
ENG 736	Twenty-First Century Literature	3.00	ENG 766	The Jazz Age: 1920s American Literature and Culture	3.00
ENG 744	Ibsen, Shaw, Chekhov: Makers of Modern Theatre	3.00	ENG 767	Sex, Drugs and Rock 'n' Roll: 1950s American Literature and Culture	3.00
ENG 745	American Drama	3.00	ENG 768	The Bloomsbury Group	3.00
ENG 747	African-American Literature in the Twentieth Century	3.00	ENG 769	American Nightmares: Film Noir and the Age of Uncertainty	3.00
<i>Ethnic and National Literatures</i>			ENG 770	Bodies on Display: Perspectives on the Body in American Culture from the 19th Century to the Present	3.00
ENG 737	Comparative Literature	3.00	ENG 771	In Cold Blood: Understanding Horror in Art and Culture	3.00
ENG 746	American Slave Narratives	3.00	ENG 772	English Nonsense Literature	3.00
ENG 747	African-American Literature in the Twentieth Century	3.00	ENG 773	Erotica	3.00
ENG 748	Drama in Ireland from the Irish Literary Revival to the Present	3.00	ENG 774	American Colonial Literature	3.00
ENG 749	Native-American Literature	3.00	ENG 775	Naturalist Gothic and American Realism	3.00
ENG 750	Other Shores: National Identity and Cultural Conflict in Nineteenth-Century Russian Literature	3.00	<i>Pedagogy</i>		
ENG 751	Postcolonial Literature and Theory	3.00	ENG 700	Drama in the Classroom	3.00
<i>American and Cultural Studies</i>			ENG 701	American Literature in the Classroom	3.00
ENG 733	Twentieth-Century American Literature I: 1900-1945	3.00	ENG 702	Literature in English in the Classroom	3.00
ENG 734	Twentieth-Century American Literature II: 1945-2000	3.00	ENG 703	Composition and Writing Pedagogy	3.00
ENG 735	Contemporary American Drama	3.00	ENG 704	European, English, and American Literature in the Classroom	3.00
ENG 745	American Drama	3.00	<u>Special Topic, Internship and Independent Study Graduate Elective Courses</u>		
ENG 746	American Slave Narratives	3.00	Special topics, internship and independent study courses may be used to satisfy any of the above requirements. See graduate advisor for more information.		
ENG 747	African-American Literature in the Twentieth Century	3.00	<u>Required Graduate Thesis Courses</u>		
ENG 749	Native-American Literature	3.00	ENG 707	Thesis I: Research	3.00
ENG 761	The Art of Melancholy	3.00	ENG 708	Thesis II: Writing	3.00
ENG 762	The Poetics of Time and Memory	3.00	<u>Credit and GPA Requirements</u>		
ENG 763	Gender, Sexuality and Literature	3.00	Minimum Total Credits: 144		
ENG 764	Magic Realism	3.00	Minimum Total Undergraduate Credits: 108		

Minimum Graduate Credits: 36
 Minimum Undergraduate Liberal Arts Credits: 60
 Min. Undergraduate English Major GPA: 3.00
 Min. Undergraduate Education Major GPA: 2.75
 Min. Undergraduate Cumulative GPA: 3.00
 Min. Graduate GPA: 3.00

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in English Literature

B.S. in Childhood Education (Grades 1 to 6) with Concentration in English Literature

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in English Literature. This 30-credit concentration consists of courses in American and English Literature. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in English Literature, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Early Childhood Education (Birth to Grade 2) With Concentration in English Writing

B.S. in Childhood Education (Grades 1 to 6) With Concentration in English Writing

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in English Writing. This 30-credit concentration consists of courses in grammar, various forms of writing along with literature. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in English Writing, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: English (Grades 7 to 12)

Students seeking to be initially certified to teach English in secondary schools in New York State should pursue the B.S. in Adolescence Education: English (Grades 7 to 12). This degree combines 36 credits of English with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree

requirements and Education course descriptions.

MINORS

Minor in English

The 21-credit minor in English is available for those students who wish to develop an interest in English in addition to their major field. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in English Requirements

Required English Literature Courses

Five courses/fifteen credits of the following:

ENG 7	World Literature I: From Antiquity to the Renaissance	3.00
ENG 8	World Literature II: From the Enlightenment to the Present	3.00
ENG 10	Introduction to Literature	3.00
ENG 11	British Literature: Survey Medieval, Renaissance, Neo-Classical	3.00
ENG 12	British Literature II: Survey Romantic, Victorian, Modern	3.00
ENG 13	The Short Story	3.00
ENG 15	Modern Drama	3.00
ENG 16	The Modern Novel	3.00
ENG 17	Modern Poetry	3.00
ENG 19	Early English Literature: From the Beginnings to 1485	3.00
ENG 20	Chaucer	3.00
ENG 21	Shakespeare: Comedies and Histories, Non-Dramatic Poetry	3.00
ENG 22	Shakespeare: Tragedies and Romances	3.00
ENG 23	Milton	3.00
ENG 24	Renaissance Drama	3.00
ENG 25	Major Figure	3.00
ENG 27	The Life and Fiction of Charles Dickens	3.00
ENG 29	Edward Albee	3.00
ENG 32	Contemporary Literature	3.00
ENG 35	Childhood and Literature	3.00
ENG 36	Adolescent Literature	3.00

ENG 41	The Art of Poetry	3.00	ENG 131	Small World: Literature of the Academic Life	3.00
ENG 42	The Art of Autobiography	3.00	ENG 133	Eighteenth-Century Writers on Writing	3.00
ENG 44	Emerging Writers and Popular Traditions	3.00	ENG 134	Byron and His Revolutionary Circle	3.00
ENG 47	Literary Forms and Genres	3.00	ENG 135	Renaissance and Revolution: The Making of the Modern World	3.00
ENG 48	Ideas and Themes in Literature	3.00	ENG 136	The Victorian Rebels	3.00
ENG 49	English Drama	3.00	ENG 137	Magic Realism	3.00
ENG 50	Great Plays	3.00	ENG 138	Gender, Sexuality and Literature	3.00
ENG 51	Greek Drama	3.00	ENG 139	Gender and the English Language	3.00
ENG 52	The Bible as Literature	3.00	ENG 140	The Bloomsbury Group	3.00
ENG 54	Eighteenth-Century Literature and Life	3.00	ENG 141	The Literature of the Working Class	3.00
ENG 55	The Romantic Period	3.00	ENG 151	Survey of American Writers to the Civil War	3.00
ENG 58	The Victorian Period	3.00	ENG 152	The American Novel	3.00
ENG 67	Classical Literature in Translation	3.00	ENG 153	Contemporary American Drama	3.00
ENG 68	Mythology	3.00	ENG 154	American Poetry	3.00
ENG 78	The English Novel: Nineteenth and Twentieth Centuries	3.00	ENG 155	O'Neill, Miller, Williams: Forces in Modern American Drama	3.00
ENG 100	Seminar in English	3.00	ENG 156	Irish-American Fiction	3.00
ENG 102	African Postcolonial Literature	3.00	ENG 157	American Modernism and the Art of Making it New	3.00
ENG 103	Irish Literary Renaissance	3.00	ENG 158	Freak Shows and the Modern American Imagination	3.00
ENG 104	History of Irish Literature	3.00	ENG 159	Bodies on Display: Perspectives on the Body in American Culture from the 19th Century to the Present	3.00
ENG 105	Native American Literature	3.00	ENG 160	Hawthorne and James: From Romance to Realism	3.00
ENG 107	Postcolonial Literature	3.00	ENG 161	Melville	3.00
ENG 108	African-American Literature of the Twentieth Century	3.00	ENG 162	American Autobiography	3.00
ENG 109	American Slave Narratives	3.00	ENG 163	Literature of New York	3.00
ENG 110	The Black Diaspora: African-American Literature in Context	3.00	ENG 164	American Drama	3.00
ENG 111	The English Renaissance	3.00	ENG 165	American Colonial Literature	3.00
ENG 112	Modern British Literature	3.00	ENG 251	American Writers Since the Civil War	3.00
ENG 113	The Eighteenth-Century English Novel	3.00	ENG 359	Honors Advanced Elective	3.00
ENG 114	The Nineteenth-Century English Novel	3.00			
ENG 115	The World Novel in English	3.00			
ENG 116	W.B. Yeats: Poet in a Revolutionary Time	3.00			

ENG 360 Honors Advanced Elective 3.00

Elective English Courses

Two courses/six credits from all ENG courses excluding ENG 1, 2, 303 and 304 and their equivalents

Credit and GPA Requirements

Minimum Total Credits: 21
Minimum Minor GPA: 2.25

Minor in Writing

The 21-credit minor in Writing is available for those students who wish to develop their writing skills more fully in addition to their major field. The writing minor can add value to your degree and a competitive edge in the job market.

Minor in Writing

Required Creative Writing Courses

ENG 183 Creative Non-Fiction 3.00
AND one of the following:
ENG 182 Introduction to Creative Writing 3.00
ENG 282 Fiction Writing 3.00
ENG 283 Poetry Writing 3.00
ENG 284 Drama Writing 3.00

Required Advanced Writing Course

One of the following:

ENG 6 Writing in Business 3.00
ENG 181 The Art of Expository Writing 3.00
ENG 184 Writing and Healing 3.00
ENG 185 Theories of Writing and Composing 3.00
ENG 186 Writing in a Digital Age: Multimodal Rhetoric and Composition 3.00
ENG 187 Editing and Professional Writing 3.00
ENG 188 Writing in the Workplace: The Rhetoric of Professional Communication 3.00
ENG 189 Experimental Fiction Writing 3.00
ENG 190 Writing with Sound 3.00
ENG 191 Reading and Writing Comics 3.00
ENG 192 Technical Writing 3.00
ENG 193 Writing Young Adult Fiction 3.00

Required Rhetoric/English Language

Courses

One of the following:

ENG 3 Grammar and the Structure of English 3.00
ENG 133 Eighteenth-Century Writers on Writing 3.00
ENG 201 The English Language 3.00
ENG 202 Varieties of English 3.00
ENG 203 The Logic of Conversation 3.00
ENG 204 Theories of Persuasion: Ancient and Modern 3.00
ENG 205 Sex, Drugs, and Damnation: Letter Writing Through the Renaissance 3.00

Required Literature Courses

One of the following in WAC format only:

ENG 10 Introduction to Literature 3.00
ENG 13 The Short Story 3.00
ENG 16 The Modern Novel 3.00
ENG 17 Modern Poetry 3.00
ENG 19 Early English Literature: From the Beginnings to 1485 3.00
ENG 20 Chaucer 3.00
ENG 23 Milton 3.00
ENG 24 Renaissance Drama 3.00
ENG 25 Major Figure 3.00
ENG 27 The Life and Fiction of Charles Dickens 3.00
ENG 29 Edward Albee 3.00
ENG 32 Contemporary Literature 3.00
ENG 35 Childhood and Literature 3.00
ENG 36 Adolescent Literature 3.00
ENG 41 The Art of Poetry 3.00
ENG 42 The Art of Autobiography 3.00
ENG 44 Emerging Writers and Popular Traditions 3.00
ENG 47 Literary Forms and Genres 3.00
ENG 48 Ideas and Themes in Literature 3.00
ENG 49 English Drama 3.00
ENG 50 Great Plays 3.00
ENG 51 Greek Drama 3.00
ENG 52 The Bible as Literature 3.00
ENG 54 Eighteenth-Century Literature and Life 3.00

ENG 55 The Romantic Period 3.00
ENG 58 The Victorian Period 3.00
ENG 67 Classical Literature in Translation 3.00
ENG 68 Mythology 3.00
ENG 78 The English Novel: Nineteenth and Twentieth Centuries 3.00
ENG 100 Seminar in English 3.00
ENG 102 African Postcolonial Literature 3.00
ENG 103 Irish Literary Renaissance 3.00
ENG 104 History of Irish Literature 3.00
ENG 105 Native American Literature 3.00
ENG 107 Postcolonial Literature 3.00
ENG 108 African-American Literature of the Twentieth Century 3.00
ENG 109 American Slave Narratives 3.00
ENG 110 The Black Diaspora: African-American Literature in Context 3.00
ENG 111 The English Renaissance 3.00
ENG 112 Modern British Literature 3.00
ENG 113 The Eighteenth-Century English Novel 3.00
ENG 114 The Nineteenth-Century English Novel 3.00
ENG 115 The World Novel in English 3.00
ENG 116 W.B. Yeats: Poet in a Revolutionary Time 3.00
ENG 131 Small World: Literature of the Academic Life 3.00
ENG 133 Eighteenth-Century Writers on Writing 3.00
ENG 134 Byron and His Revolutionary Circle 3.00
ENG 135 Renaissance and Revolution: The Making of the Modern World 3.00
ENG 136 The Victorian Rebels 3.00
ENG 137 Magic Realism 3.00
ENG 138 Gender, Sexuality and Literature 3.00
ENG 139 Gender and the English Language 3.00
ENG 140 The Bloomsbury Group 3.00

ENG	151	Survey of American Writers to the Civil War	3.00
ENG	152	The American Novel	3.00
ENG	153	Contemporary American Drama	3.00
ENG	154	American Poetry	3.00
ENG	155	O'Neill, Miller, Williams: Forces in Modern American Drama	3.00
ENG	156	Irish-American Fiction	3.00
ENG	157	American Modernism and the Art of Making it New	3.00
ENG	158	Freak Shows and the Modern American Imagination	3.00
ENG	159	Bodies on Display: Perspectives on the Body in American Culture from the 19th Century to the Present	3.00
ENG	160	Hawthorne and James: From Romance to Realism	3.00
ENG	161	Melville	3.00
ENG	162	American Autobiography	3.00
ENG	163	Literature of New York	3.00
ENG	164	American Drama	3.00
ENG	165	American Colonial Literature	3.00
ENG	251	American Writers Since the Civil War	3.00

Credit and GPA Requirements

Minimum Total Credits: 21

Minimum Minor GPA: 2.25

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. This course is required Writing I, an introduction to composition, teaches an understanding of writing in various disciplines through the interpretation and analysis of texts. Students will learn conventions of academic writing. Additionally, students will learn how to adapt in response to different rhetorical situations, genres, purposes, audiences, and other issues of context. Writing I is a course that provides the foundation for understanding how to make meaning from texts. This course is required of all students unless exempted by Advanced Placement credit or successful achievement on the SAT examination in writing. Students exempted by assessment or department proficiency examination must take an upper-level English course in substitution after completing ENG 2. Special sections are offered for students in the Program for Academic Success (P sections), for non-native speakers (F sections), and for students identified as needing more personalized attention (S sections).

No Pass/Fail option.

Credits: 3

Every Fall, Spring and Summer

ENG 1F Writing I: Composition and Analysis

Same as ENG 1. For international students.

No Pass/Fail option.

Credits: 3

Every Fall and Spring

ENG 1P Writing I: Composition and Analysis

Same as ENG 1. For students in the Program for Academic Success.

No Pass/Fail option.

Four hours lecture/recitation.

Must be in Program for Academic Success.

Credits: 3

Every Fall

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. Building on the work of Writing I, this course addresses sensitivity to complex rhetorical and stylistic choices. Students

will learn to use sources and resources effectively and ethically, including library holdings and databases, in service of scholarly arguments grounded in research. This course is required for all students unless exempted by Advanced Placement credit. Special sections are offered for students in the Program for Academic Success (P sections) and for non-native speakers (F sections).

No Pass/Fail option.

Prerequisite of ENG 1 is required.

Credits: 3

Every Fall, Spring and Summer

ENG 2F Composition: Argument and Analysis

Same as ENG 2. For international students.

No Pass/Fail option.

Prerequisite of ENG 1 is required.

Credits: 3

Every Fall and Spring

ENG 2P Writing II: Research and Argumentation

Same as ENG 2. For students in the Program for Academic Success.

No Pass/Fail option.

Four hours lecture/recitation.

Prerequisite of ENG 1 is required. Student must also be in Program for Academic Success.

Credits: 3

Every Spring

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. Special sections are offered for students in the Program for Academic Success (P sections).

Prerequisites of ENG 1 and ENG 2 are required.

Credits: 3

Annually

ENG 3P Grammar and the Structure of English

Same as ENG 3. For students in the Program for Academic Success.

Must be in Program for Academic Success.

Credits: 3

Every Fall

ENG 6 Writing in Business

This course is in-depth instruction in the format and style appropriate for writing in a wide variety of business situations. Writing assignments include letters, memos, resumes, and a substantial formal report involving research.

Prerequisites of ENG 1 and ENG 2 are required.

Credits: 3

On Occasion

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. Some sections might also integrate non-Western texts into this survey to enlarge the scope of analysis. 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, drawn from such major authors as Homer, Dante, and Shakespeare, are selected both for their stylistic innovations and their insights into basic social issues that still confront us today. Each section of this course may be taught with a thematic focus based on texts selected by the individual instructor.

Same as WLT 7.

Prerequisites of ENG 1 and ENG 2 are required.

Not open to students who have taken ENG 303.

Credits: 3

Every Fall, Spring and Summer

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 scope traditionally includes: the Enlightenment (1660-1770); the Romantic Movement (1770-1856); Nineteenth-Century Realism (1856-1900); Modernism (1900-1945); and the Contemporary Period (1945-Present). Its purpose is to examine literary masterpieces for their insights into human nature and society. Although texts are primarily drawn from the Western tradition, the course can also feature literary works from non-Western cultures as well, to focus on issues of cultural exchange. Texts will be examined in light of the intellectual, social, literary, and political contexts in which they developed. Each section of this course may be taught with a thematic focus based on texts selected by the individual instructor.

Same as WLT 8.

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. Throughout the semester, 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.

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. Later authors may include Spenser, Sidney, Marlowe, Shakespeare, Jonson, Herbert, the Cavalier Poets, Bunyan, Dryden, Milton, Pope, Swift, and Congreve. 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. Representative authors that might be read include Gray, Blake, Austen, the Wordsworths, Coleridge, the Shelleys, Byron, Keats, the Brontës, Carlyle, Dickens, Tennyson, the Brownings, Ruskin, the Rossettis, Wilde, Hardy, Yeats, Eliot, Joyce, Woolf, Auden, Beckett, and Pinter. 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.

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, Post-colonialism, and Minimalism. Some possible authors include Hawthorne, Poe, Twain, Flaubert, Chekov, James, Joyce, Lawrence, Mansfield, Faulkner, Kafka, Hemingway, O'Connor, Walker, Beattie, Carver, and Lahiri.

Same as WLT 13.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 15 Modern Drama

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

Same as WLT 15.

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

First emerging in the unstable and traumatic historical period immediately preceding World War I and following it, the modern novel decidedly broke with the realist genre preceding it through challenging and often breathtaking experiments with narrative form. Frequently presenting the reader with bewildering shifts in time and narrative perspective and exhibiting a preference for the interior psychological landscapes of its characters, modern novels often possess 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.

Possible authors covered in the class include:

Conrad, Joyce, Woolf, Lawrence, Faulkner, Kafka, and Rhys.

Same as WLT 16.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 17 Modern Poetry

The subject of this course is poetry of the first half of the twentieth century - a literary moment usually referred to as "Modernism." This was the era of T.S. Eliot, Ezra Pound, Edna Vincent Millay, and e. e. cummings, as well as the period that saw the birth of jazz, the development of cinema, the rise of the American metropolis, and the horrors of two World Wars. It was a time of great literary freedom, and consequently also a period of great literary uniqueness. We could also think of this period as a time of great and deliberate difficulty in literature, and in particularly in poetry. The readings will be motivated by this combination of peculiarity and difficulty. By looking carefully at individual poems we will work to understand the major themes and typical methods of each poet.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 19 Early English Literature: From the Beginnings to 1485

The period known to historians of literature as the Middle Ages, approximately 1100-1500, was a time of great artistic innovation in England. In this course, students read the popular types of medieval literature - such as the chivalric romance, the fabliau or erotic comic tale, the beast fable, the lyric poem, the narrative ballad, the debate, and the drama - in terms of the intellectual context of the period. Beliefs about love, sex, marriage, religion, social and political relationships, art, beauty, money, and power affect the way writers of any age express themselves artistically; and it will be the work of this course to develop greater understanding of medieval thought processes as reflected in their literature.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 20 Chaucer

Geoffrey Chaucer (1340-1400) is usually considered the greatest English writer of his age, and his collection of short tales in verse, *The Canterbury Tales*, as one of the masterpieces of medieval literature. *The Canterbury Tales* tells the story of a group of travelers who journey from London to Canterbury in a diverse group, entertaining themselves along the way with a tale-telling competition. Because the members of the group are from different social and economic backgrounds, the kinds of stories they tell differ also. Like other medieval writers and readers, Chaucer knew the typical tale types of his time: the chivalric romance, the fabliau or erotic comic tale, the beast fable, the debate, the legend or saint's life. Unlike many of his contemporaries, he combined them in this single work. In the process of reading selected stories from Chaucer's great collection, students will acquire an understanding of the Middle Ages as it shaped one of its greatest literary innovators.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 21 Shakespeare: 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. Readings might also include selections from Shakespeare's narrative poems and sonnets.

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 Shakespeare: Tragedies and Romances

This course provides an introduction to Shakespeare's later career and focuses on the two major genres - tragedies and romances (or late comedies) - that he perfected during the second decade of his involvement with London's thriving commercial theater. The sequence of readings (which consists of six plays, such as *King Lear* and *The Winter's Tale*) 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.

Students will also be challenged to explore his richly ambivalent and subtle portrayal of characters confronting with the existential extremes of failure and fulfillment, death and restoration.

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.

Credits: 3

On Occasion

ENG 24 Renaissance Drama

From the end of the sixteenth century in England, commercial drama attained a new power, sophistication, and status. It suddenly distinguished itself from the largely anonymous traditions of trade guild production and religious festival in the Middle Ages. A new attention to the interests of its paying audiences sharpened its encounter with contemporary language and life. During this period, despite being condemned as morally corrupting influences, the first permanent theaters were constructed and the entertainment industry was born. Played out against a background of social change and energized by a restless new encounter with the world, theater became - at this crucial moment in Western history - instrumental in shaping the way we view ourselves today. This course provides an introduction to six masterpieces of early modern English drama by a diverse group of playwrights that includes Christopher Marlowe, Thomas Kyd, William Shakespeare, John Marston, Ben Jonson, Thomas Dekker, John Fletcher, Thomas Middleton, and John Webster.

Prerequisite of ENG 10 required for all English

majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

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. In addition to examining many of the major works of the author, this course will provide an assessment of the various critical traditions that have grown up around the author, the author's relationship to other figures in his or her tradition, and an overview of the cultural/historical forces shaping the author's work. 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 27 The Life and Fiction of Charles Dickens

Charles Dickens was the most popular English novelist of the nineteenth century. In this course, we will trace the growing maturity and complexity of his intellectual and artistic development-in, for example, his progress from an early absolutist view of morality, in which good and evil are schematically opposed, to a view of the moral defects in even the best of his characters. We will also examine Dickens' social consciousness. England was the first and, in the nineteenth century, the greatest industrial power in the world. But the social conditions England's industrial machine created for the working class and the poor were almost unspeakable. Dickens denounced these injustices fiercely and was one of the loudest, most influential voices in a time of rapid economic and social change. Dickens was trained as a journalist in his early twenties, and he was a life-long devotee of the theater, and we will look at both influences in his writing. In addition, we will look closely at the disjunctions and discontinuities in his often-sprawling novels where one often discovers pathos succeeded by comic cavorting and keen psychological portrayals following on the heels of melodrama.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 29 Edward Albee

A study of the major works of one of America's

greatest living playwrights, three time Pulitzer Prize winner Edward Albee. Since the production of *The Zoo Story* in 1959, Edward Albee has created excitement and controversy on stage. His audiences are captivated by his sophisticated characters, witty dialogue and comedy that borders on absurdity. Yet his plays challenge cultural icons such as romantic love and dignified dying. He has also probed the values of suburban living, the problems posed by the elderly, and the trials faced by both children and parents in the family structure, all done with a nimble sense of comedy. The course will consist of discussions of selected works, viewing them from both a dramatic and theatrical perspective.

Readings will include *The Zoo Story*, *Who's Afraid of Virginia Woolf?*, *A Delicate Balance*, *Three Tall Women*, and *The Goat*.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 32 Contemporary Literature

Becoming a thoughtful reader of the literature of one's own time is the goal of this course. The reading list will vary, but will in all cases include a variety of critically acclaimed authors whose writing illustrates emerging trends in modern writing.

Works read may represent various genres or types of literature, such as poetry, drama, the short story, the novella, the novel, the memoir, and nonfiction prose. The course might also be organized thematically rather than by literary type, exploring ideas which are important to the writers of the late twentieth and early twenty-first centuries, and to their readers as well. In addition to familiarizing students with contemporary classics, a major goal of this course is to stimulate a lifelong interest in discovering new writers.

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. Some of these works were originally written for children, some were once considered suitable for children but no longer are, and some are written for the adult reader but from the viewpoint of a child narrator. 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.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

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 lecture, book discussions, and student engagement.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 41 The Art of Poetry

This course inquires into the nature and art of poetry. Why does poetry matter? How does it work? Does poetry do anything? -should it? To conduct this inquiry as poets and critics of poetry do, we will closely read and interpret many poems, across time and genre. We will ask how poets use structural choices, musical tools, and shaping devices to create and convey complex experiences. Students will learn to read with understanding, perception, and enjoyment; to recognize the relationships among a poem's form, its devices, and its content; and to write clear, meaningful critical explications of poems. This course is a short immersion in a lifelong, sustaining question: How do I read this poem?

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 42 The Art of Autobiography

This course examines the art of autobiography in a comparatist context from its origins in St. Augustine's *Confessions* to recent expressions in such a work as the Nigerian writer Wole Soyinka's *Ake: The Years of Childhood*. In tracing the landmarks of this genre, the will cover such works as Cellini's *Life*, Franklin's *Autobiography*, Rousseau's *Confessions*, Gosse's *Father and Son*, Sartre's *The Words*, and Anais Nin's early diary *Linotte*. Literary structures are studied as they emerge in the evolution of the genre. Standards of authenticity and what "they claim" are also evaluated. Various critical approaches are considered with respect to the genre of "life-writing" along with the different cultural contexts which have affected its development.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all

non-majors.

Credits: 3

On Occasion

ENG 44 Emerging Writers and Popular Traditions

This is a special topics course with a focus on new emerging writers and popular genres or traditions. The topic will concern writers whose status as noteworthy or great authors has not yet been established or genres and traditions with a significant overlap with popular culture. Traditions or genres that might be offered under this number include: Science Fiction and Fantasy, Romance, Detective Fiction, the Western, or Literature of Nonsense. This course may be taken more than once if the topic is different. Courses offered under this number automatically fulfill the requirement of a course outside the mainstream of British and American literature specified as part of the early childhood, childhood concentrations in literature.

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 49 English Drama

This course allows the student to explore the rich English dramatic tradition, one of the earliest and most vibrant in the Western world. Readings will trace its beginning in early medieval times through its extraordinary development in the time of Shakespeare and his contemporaries and record the shocking close of the theatres during the Puritan Commonwealth. Though its progress was interrupted, English drama rebounded with new energy in 1660 and continued to develop new and interesting dramatic types: sexually-charged comedies, and sentimental comedies, as well as the

outrageously talky plays of George Bernard Shaw and the suave comic ironies of Oscar Wilde in his comedies of manners. The energies of the English theatre continued to flourish in the twentieth century in the absurd comedies of Harold Pinter and into the twenty-first in the intellectually challenging comedies of Tom Stoppard.

Considerations of text will be supplemented by a study of theatrical innovations and performance practices. Readings will be drawn from the major playwrights.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 50 Great Plays

This course aims to engage the student in the consideration of the unique qualities of performed work. The interrelationship of drama to religious practices, the establishment of ritual and the demand for entertainment coalesce into something that is a distinctive ingredient of every culture. The broad perspective considers both Greek tragedy and comedy, juxtaposed with medieval farce; as well as blood-curdling Renaissance tragedies and sexually charged Restoration comedies, proletarian morality plays and compelling views of modern emancipated life. All of these provide a rich landscape against which we consider the unique qualities of drama, as well as the ways in which performance reaches a broad audience. What is the relationship of the playwright to his or her audience? What are the most effective ways to convert the viewers and readers to the playwright's value scheme? Readings may include works of Sophocles, Aristophanes, Shakespeare, Ibsen, Chekhov and O'Neill. Same as WLT 50.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 51 Greek Drama

The creation of the great Dionysian festival in the fifth century in Athens marks the emergence of the western tradition of drama. Initially providing the context for the performance of tragedy and later comedy, the yearly festival in Athens brought citizens together to witness the dramatization of philosophical, cultural, and political issues crucial in the development of Athenian democracy. Greek drama is characterized by an intense engagement with themes such as the meaning of human and divine justice, the conflict between tyranny and democracy, the subordination of women, the limitations of human knowledge, the problems of interpersonal conflict and war, the nature of wisdom, and human vulnerability to suffering and misfortune. Engaging closely with the fervor generated by the political turmoil, ideological conflict, and cultural crisis that swept through

Greece in the latter half of the fifth century, the drama of Aeschylus, Sophocles, Euripides, and Aristophanes forms the foundation for many of the enduring questions reflected upon subsequently in the western literary imagination. The course will cover representative works by each of the authors mentioned above.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 52 The Bible as Literature

This course is study of the Bible as a literary masterpiece. The course covers such works as Genesis, Exodus, Job, Psalms, Ecclesiastes, the Song of Solomon, Isaiah, the Gospels, and the Epistles of Paul.

Same as WLT 52.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 54 Eighteenth-Century Literature and Life

From 1660 to 1800, London was the center of English literature. London was also the largest and busiest city in Europe, a hub of finance and commerce, as well as fashion, culture, aristocratic social life, and theaters and galleries, but it was also home to hundreds of thousands of people living in extreme poverty, often dying of starvation. Perhaps because of this friction, writers, as well as visual and musical artists, produced works of fierce energy: some heatedly passionate, some wildly comic, most of them deeply provocative. Writings include satirical attacks on the establishment, fanciful tales of exotic lands, successful strategies for young lovers, plays glorifying criminals, poems of advice and self-justification and discussions of what constitutes genuine happiness. Readings will include selections from Jonathan Swift, John Gay, Alexander Pope, Susannah Centlivre, and Samuel Johnson.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 55 The Romantic Period

This course focuses on the works of seven major writers of the late eighteenth and early nineteenth centuries. Leading colorful lives in a time of revolutionary fervor, the poets William Blake, William Wordsworth, Samuel Taylor Coleridge, George Gordon Lord Byron, Percy Bysshe Shelley, and John Keats forged a new poetic idiom while working in a variety of new ways. Among prose works of the period, William Blake's prose poem, *The Marriage of Heaven Hell*, and Mary Wollstonecraft Shelley's novel *Frankenstein* provide

a new mythology for understanding the relationship of God and humanity.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 58 The Victorian Period

Moved by the social and aesthetic concerns of their time, authors of the Victorian period worked to represent in their writing the minutia of what it meant to be alive in 19th-century Britain.

Literature moved from the concerns of the Romantics with sublimity and the apocalypse to a realism interested in such matters as class, money, morals, and manners. In this course the works of the major novelists and poets of the time will be read closely, but they will also be explored in light of the vast and exuberant changes that were influencing these authors' lives and those of everyone around them. This course will revolve around such topics as the modern city and industrialization, gender and sexuality, and religion and science. Authors read will include Tennyson, Browning, Arnold, Hopkins, the Rossetts, George Eliot, Dickens, the Brontës, Conrad, and Wilde.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 67 Classical Literature in Translation

Beginning with the Iliad and the Odyssey written during the eighth-century Renaissance in Greece, the classical tradition provides the foundation for many of the pervasive themes found in the western literary tradition. Characterized by an intense engagement with many of the archetypal myths of Greek oral culture that preceded them, Homer's epics had a profound impact upon the tragedies written in the fifth century in Athens and reflected a similar engagement with mythic tradition. By the same token, many of the themes reflected in epic and tragedy find expression in the original material generated by comedy and serve as a constant point of reference for the philosophical and rhetorical traditions also developing at the time. In addition, the presence of pervasive themes concerning all aspects of the human condition, in tandem with the literary forms generated during this period, extends well beyond the Greek world and can also be found in classical eastern texts producing their own unique genres. The literary forms generated in the era of classical Greece also came to have a profound influence on the literature generated in the Roman period. Either through a comparative analysis of eastern and western texts and/or an examination of Greek and Roman ones, this course will examine the literary forms and themes found in classical literature.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all

non-majors.

Credits: 3

On Occasion

ENG 68 Mythology

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.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 78 The English Novel: Nineteenth and Twentieth Centuries

The novel is an eighteenth-century invention which flourished during the nineteenth and twentieth centuries. In England, the mainstream tradition of the novel is realism: a depiction of life as it really is, with the kinds of details we readers are familiar with as we move through our world today, subject to familial, social, historical, cultural, and economic forces. Many of the works we will read in this course will be realist novels, but we will trace in them influences of Romanticism, the Gothic, and symbolism. We will also explore the "breaking" of form and artistic convention practiced by the Modernist novelists of the early 20th century and their successors. We will examine a number of themes the novels have in common: love of various kinds; the conflict between the individual's needs and desires and those of the family or of society; the place of the past in people's lives; the sexual and social "codes" the characters in these novels must master to succeed in life and achieve happiness; the role of social class and money in shaping the characters' fates and values. Moving outside the relatively comfortable sphere of national territory, we will also explore the mythology and practice of colonialism.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-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. This course fulfills 3 credits of the Literacy requirement for students in

the NY State approved program in English for Adolescence Education.

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. Prerequisite of ENG 1 & 2 required for all non-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. Prerequisite of ENG 1 & 2 required for all non-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. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

Every Fall and Spring

ENG 102 African Postcolonial Literature

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. These national literatures frequently address the destructive legacy of colonialism even as they present tangible alternatives for a renewal of African culture and society. 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. Issues addressed in the class will include: the impact of colonization on the psyche of Africans, the interrelationship between racist, sexist, and economic forms of oppression, the issue of cultural authenticity as it relates to language and emergent post-colonial identities, the role of political resistance in constructing new cultural forms and communities in the wake of colonialism, and the persistence of various forms of neo-colonialism in African societies.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 103 Irish Literary Renaissance

Writing in the early twentieth century, social and literary critic Douglas Hyde observed that "the Irish race is at present in a most anomalous position, imitating England and yet apparently hating it. How can it produce anything good in literature, art, or institutions as long as it is actuated by motives so contradictory?" The movement now called the Irish Literary Renaissance is an attempt to resolve that contradiction; its goal was to question the influence of English literature on Irish writers, and develop a specifically Irish literature for an independent Irish nation. This course will be a writing intensive study in cultural context of the major Irish writers involved: Lady Augusta Gregory, John Millington Synge, Sean O'Casey, William Butler Yeats, and James Joyce.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 104 History of Irish Literature

"Nothing in Ireland is ever over." Novelist Elizabeth Bowen's words remind readers that, in order to understand the Irish literary present, it is necessary to understand the Irish literary past. While some works of Irish literature are included in British literature anthologies, this course will focus on the ways in which Irish literature is not a subdivision of English literature. Instead, Irish literature can be read as defining the national character as separate from, and often in opposition to, British political power and artistic influence. The course surveys the literature of Ireland from the early myths and sagas of the eighth century, through the poets and balladeers of the seventeenth and eighteenth century, to the dramatists of the Irish Literary Renaissance of the early twentieth century, and concluding with contemporary works of fiction and poetry. We will read representative works of well-known authors such as Jonathan Swift, William Butler Yeats, John Millington Synge, and James Joyce, as well as newer works by twenty-first-century writers.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 105 Native American Literature

This course will examine works by Native Americans from the 1970s to the present. We will look at how writers and artists construct personal and collective identities, how they relate to specific events and general trends in North American history, and how they interact with dominant European-American cultures and other groups. We will also explore what "native" now means and how it coincides with the changing definitions of "nation" and "culture." The class will also look at the changing field of literature in general and how literature and literary study are affected by other media, including film and video, music recording, radio and television, and above all, the internet. The political dimension of the works sometimes seems inescapable, but the results are often unpredictable, well balanced, funny, and remarkably beautiful.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 107 Postcolonial Literature

Through a close reading of both European and non-European literary and theoretical works, this course will explore the central economic, political, and psychological problems left in the wake of the period of decolonization in the third quarter of the twentieth century. Issues addressed in the class will include: the impact of colonialism upon the psyches

of colonizer and colonized alike, the representation of colonized cultures in European consciousness along with challenges to those representations, the instrumental role of paradigms of gender in patterns of colonial domination, the interrelationship between racial, sexual, and economic forms of oppression, and the issue of cultural authenticity as it relates to language and emergent postcolonial identities.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 108 African-American Literature of the Twentieth Century

For African Americans, the twentieth century began with an exodus from the South in the hopes of finding greater opportunity and freedom. Yet this journey was shaped by an ongoing struggle against racism, violence, and socio-economic disenfranchisement. In part, this course examines the artistic response to the social conditions facing African Americans in the twentieth century. With a specific emphasis on the Harlem Renaissance, the Black Arts Movement, and Black Feminism, this class investigates the impact of African-American literature on American culture more broadly. How do these movements relate to and differ from other artistic and cultural trends at the time? How do African-American writers interrogate notions of race and ethnicity? Through texts, visual arts, and music, these works challenge us to evaluate the role that racism continues to play in contemporary 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 109 American Slave Narratives

An examination of narratives concerning African-American slaves - some autobiographical, some fictional. How, we will ask, did various representations of slaves not only serve abolitionist goals but also address changing attitudes toward race, gender, law, property, and national identity? The course also considers the literary-rhetorical aspects of the writings and analyzes the blending of literary and historical discourse, leading to questions about what role the "construction" of the African-American past plays in acts of collective memory. Readings may include the following: The Interesting Narrative of the Life of Olaudah Equiano, The Narrative of the Life of Frederick Douglass, Jacobs's Incidents in the Life of a Slave Girl, Stowe's Uncle Tom's Cabin, Melville's Benito Cereno, Twain's Huckleberry Finn, Chesnut's Conjure Woman tales, and Morrison's Beloved. *Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.*

Credits: 3

On Occasion

ENG 110 The Black Diaspora: African-American Literature in Context

This course examines varying perspectives on the black experience. Most writers - blacks, whites, and "passers" - are from the United States, but England, Russia, France, and the West Indies share the stage. We begin and end with autobiography, moving from the public persona of Frederick Douglass to the confessional of Jamaica Kincaid. Cultural differences and diverse points of view are addressed: blacks writing about blacks, whites writing about blacks, and "passers" avoiding racial themes. In attempting to define the black experience, we pose the crucial question - does culture trump color?

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 111 The English Renaissance

The early modern period of English culture was a time of unprecedented social change during which the very concepts of the universe, society, and national and personal identity were re-negotiated. Astronomers saw chaos in the stars. Believers murdered each other in the name of religion. Nation states consolidated power and became colonial empires. Individuals, turning inward, confronted with renewed energy the question of what it meant to be human. The purpose of this course is to examine the astounding variety of literary forms (such as lyric poetry, drama, epic, and essay) and philosophical perspectives that were invented during the reigns of Henry VIII, Elizabeth I, and James I. Students will be encouraged to rediscover this brave new world of renaissance and revolution in the "golden age" of English literature. To that end, it emphasizes the literary, historical, and cultural contexts for understanding the work of such key authors as Sir Thomas Wyatt, Christopher Marlowe, Sir Walter Raleigh, Edmund Spenser, William Shakespeare, John Donne, Sir Francis Bacon, and Ben Jonson.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 112 Modern British Literature

At the beginning of the twentieth century, Great Britain was the richest and most powerful nation on earth and had experienced remarkable stability and peace for many decades. Yet revolutionary change was coming: England would fight two catastrophic wars within the next twenty-five years, its empire would begin to collapse, its wealth would disintegrate, and its young would question every inherited value, including articles of religious faith, traditional institutions, and customary perspectives.

The literature written during this century reflects these changed realities, and it is rich, provocative, challenging and disturbing. It performs distinctly modern experiments with some of the traditional components of literature; the use of myth, the rendering of human consciousness, the operations of narrative point of view, and the reordering of form. This course will explore the value of the past and the collapse of traditional sources of meaning and authority; changing gender roles and family structures; the bitter legacy of World War I (the first war of mass destruction); sex as a liberating - yet sometimes destructive - force; and the brutal exploitation that colonialism and capitalism engendered. We will see the shock of the new in this literature, as well as both the terror and excitement of change.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 113 The Eighteenth-Century English Novel

Often described as the period in which the genre of the novel was created and developed into a dominant form of literature for an educated reading public, the eighteenth century was a turbulent period of struggle between various ideological forces that would transform British society. As a period that gave rise to what would eventually be characterized as the realist novel, the eighteenth century provided its great authors with a focus that enabled them to record the emergence of the individual as a historical entity. In addition to providing early examples of criminal, realist, sentimental, and Gothic novels, the eighteenth century furnished its authors with a wide range of material generated by the emergence of capitalism, travel and exploration, the development of colonialism, religious conflict, and the rise of experimental science. These changes also generated intellectual conflict between conservative, anti-scientific Humanists and utilitarian, profit-oriented Moderns, a conflict that plays a prominent role in much of the fiction generated during the period. Possible authors covered in the class include: Defoe, Swift, Burney, Fielding, Radcliffe, Richardson, Sterne, and Smollett.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 114 The Nineteenth-Century English Novel

In the 19th century the novel reached its fullest and richest development. Readers came to novels to feel empathy for characters much like themselves: who toiled to earn a living, experienced the difficulties of love, found themselves lost in the chaos of cities made newly dangerous by industrialization. Realism came to dominate the form, and this course will be attentive to the way

the novel remained vitally connected to the current social world, in particular its exploration of poverty, class, gender roles, and the modern city. But in the beginning of the 19th century other movements were still in force: Romanticism and the Gothic. Their anti-realist themes - altered states of consciousness, madness, and the supernatural - thread their way throughout the century, leading one to question the usefulness of the term "Realism." Novelists covered will include Austen, the Brontës, Dickens, George Eliot, Gaskell, Thackeray, Trollope, Collins, Hardy, Conrad, and Wilde.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 115 The World Novel in English

In the second half of the twentieth century, the novel emerged as the preferred form of literary presentation in English-speaking areas apart from the central axis of Britain and the United States. Writers in Australasia, South and East Asia, Canada, the Caribbean, and Africa stopped "looking back," and instead reoriented the novel to discuss political developments, historical movements, and personal recognitions based upon local materials or regional circumstances. This course will examine six to eight novels from a number of different areas, in many different styles, with a particular focus on the works as expressions of contemporary realities, intentions, and needs; we will look at how the use of English by these authors changes the former imperial language into a supple, useful, and beautiful vehicle for personal expression and group identity.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 116 W.B. Yeats: Poet in a Revolutionary Time

Many critics assert that William Butler Yeats (1865-1939), Irish poet, statesman, dramatist, mythologist, cultural activist and nationalist, produced the finest poems written in English in the 20th century. While heavily influenced by Celtic (pre-Christian) mythology and folk tales, Yeats' work was also affected by the revolutionary tenor of his times, and in particular, by Ireland's struggle to achieve political independence from England. Many of Yeats' finest poems are political in nature, but there are many other themes which recur in his poetry - his love for the beautiful, ardent revolutionary, Maude Gonne, for example; his admiration for Byzantium (the ancient name for modern-day Istanbul in Turkey) where, according to Yeats, the religious, aesthetic and practical parts of life were harmoniously unified; and the conflict between the spirit and the body (or between other dualities)

which preoccupied him all his life and which are resolved differently in different poems. We will examine all of these themes. Students will have ample practice in this course in reading and interpreting short poems.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 131 Small World: Literature of the Academic Life

Borrowed from the title of a novel by David Lodge, the title of this course, "Small World," captures its focus on the college campus as microcosm. The life of the university is often contrasted with "real" life, the world to which students will graduate when they earn their degrees. For professional academics, however, the world of the campus is the real world; and for the students who pass through this world, its reality shapes their life for four years, and possibly for a lifetime. This course examines the academic life as it is depicted in literature. The works chosen will examine the way in which the university setting functions in various literary genres at various periods in history, but with special emphasis on the late twentieth century. The students and professors who populate these pages will enable the students enrolled in the course, and their professor, to engage in a discussion of their common enterprise: living and working, whether for four years or for a whole career, in the little universe of the college.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 133 Eighteenth-Century Writers on Writing

This course acquaints students with the theory and practice of writing in the eighteenth century. The first half of the course is devoted to examining different theories of writing and its relationship to philosophy, science, and literary criticism of the Enlightenment. In the second half of the course, students use these theories as lenses to examine modern discourse practices, including political speeches, literary texts, advertisements, and food packaging.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 134 Byron and His Revolutionary Circle

Byron, Shelley, Mary Shelley, and her mother Mary Wollstonecraft will form our revolutionary circle. Wollstonecraft's *A Vindication of the Rights of Woman* will introduce her daughter's *Frankenstein*; or *The Modern Prometheus*, Byron's "Prometheus" and *Manfred*, and Shelley's *Prometheus Unbound*.

Other works by Byron and Shelley, especially the former's Don Juan, will be examined to see what light they shed on the Romantic rebel who seemingly defies both secular and religious dogma. *Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.*

Credits: 3

On Occasion

ENG 135 Renaissance and Revolution: The Making of the Modern World

Astounding changes occurred - beginning around 500 years ago - in the social, cultural, and intellectual life of Western Europe and the Americas that have had a lasting impact on our sense of self. Technological advances and theoretical innovations changed the very nature of the way in which individuals came to conceive of themselves and their environment. Copernicus and Galileo transformed our conception of the universe. Magellan helped remap the world. Leonardo DaVinci and Michelangelo produced a more compelling reflection of the material world. Machiavelli redefined politics and Montaigne explored the vagaries of human consciousness. This interdisciplinary course provides an introduction to some of the highlights of Renaissance culture and traces their impact on the literature, philosophy, and theater of the time.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 136 The Victorian Rebels

When the Victorians are thought of today, many stereotypes come to mind: they were sexually repressed; their architecture and furniture was overly elaborate and fanciful; their literature is long and dull. In this course these stereotypes will be explored, but they will also be largely exploded. The literature of powerful women and early feminists will be considered; the writings and paintings of sexual radicals of all stripes will be explored; and the poetry and criticism of political and social revolutionaries will be studied. Finally, this course will prove that all the good rebellions of today have their roots in the Victorian period. Works by the following writers, artists, and designers will be included: Emily Brontë, Dante Gabriel Rossetti, Christina Rossetti, Elizabeth Barrett Browning, William Morris, Algernon Charles Swinburne, Michael Field and Oscar Wilde.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 137 Magic Realism

The term "magic realism" was originally used by the German art critic Franz Roh to describe painting

that exhibited an altered representation of reality but has since come to be associated with literature with fantastic elements that defy rational explanation. Some other qualities of magical realist fiction include: the deadpan presentation of fantastic events, the use of symbolism and sensuous detail, non-linear narratives, and the use of implausible events to provide social and political commentary. Through a close reading of several representative works from the tradition, we will explore the unique blend of realism and fantasy that gives magical realism its distinctive signature. Some major themes addressed in the course will include: problems of human identity caused by the misuse of political power, the presentation of utopian alternatives to oppressive political systems, and the use of the supernatural to represent the inner psychic landscape of human experience. Authors covered in the class will include: Marquez, Rushdie, Okri, Allende, Morrison, Rhys, and Roy. *Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.*

Credits: 3

On Occasion

ENG 138 Gender, Sexuality and Literature

Gender and sexuality are - and always have been - culturally constructed. This means that our ideas of what a "woman" is, or a "heterosexual," have changed drastically throughout history. Our understanding of these identities has everything to do with forces in our society and next to nothing to do with the bodies we are born in. 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. Works by such authors as Mary Wollstonecraft, Oscar Wilde, Virginia Woolf, Anais Nin, Jean Genet, Radcliffe Hall, Audre Lorde, Jeannette Winterson and others will also be studied.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 139 Gender and the English Language

In this course, we will look at the ways in which our use of language reflects and sustains our cultural attitudes about gender. We will begin by looking at how linguistic phenomena are linked to social ones, and go on to consider how gender roles are enacted through our use of and attitudes toward language - for example, in how we organize our conversations, the degree to which we use indirectness or politeness strategies, and the amount of talking time we occupy and how we do so. We will encounter a number of different ways of analyzing and interpreting our data, and debate the merits of

each based on our own experiences as English speakers.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 140 The Bloomsbury Group

Virginia Woolf wrote that "in or about December 1910, human character changed." Although Woolf was writing about Roger Fry's hugely influential Post-Impressionist art exhibition, she was also thinking of her own literary practice, and of the patterns of behavior exhibited by the artists, writers and lovers who "belonged" to the Bloomsbury Group, that iconoclastic collection of people who lived in and around the Bloomsbury section of London in the early days of the twentieth century. This course will trace the ideas and experiments - visual, literary, sexual - enacted by figures such as Virginia Woolf, Lytton Strachey, E.M. Forster, Roger Fry, Vanessa Bell, Clive Bell, Duncan Grant and some of their many other London and Cambridge associates.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-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 in economic and social environments that often present challenges to their physical survival and undermine their psychological well-being. 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. The treatment of workers' struggles will cut across race, gender, continents and cultures in an effort to identify commonalities of experience shaping the perspectives of manual laborers.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-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. By focusing on works of literature that present both negative and positive examples of 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. What is good leadership? What role does self-knowledge and reflection play in being a successful leader? Each work will be examined for the way it dramatizes leadership in action. Literary texts will be supplemented by readings that explicitly address problems of leadership.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 151 Survey of American Writers to the Civil War

This course examines works representative of various movements within American literary-intellectual history. We begin with the poetry and personal narratives of the Puritans (Anne Bradstreet, John Winthrop, Jonathan Edwards). From there, we explore the satires and the autobiography of Benjamin Franklin, as well as the slave narrative of Oludah Equiano, to see how these eighteenth-century Enlightenment figures attempted to recreate the American identity, borrowing from but also importantly revising the Puritan point of view. We then address the romantic writings of Ralph Waldo Emerson, Margaret Fuller, Henry David Thoreau, and Walt Whitman to understand how these writers represented the spirit of Romanticism. Finally, reading works by Washington Irving, Nathaniel Hawthorne, Frederick Douglass, Edgar Allan Poe, Herman Melville, and Emily Dickinson will help us see how American writers used Gothic motifs to represent their ambivalent or outright critical 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

Every Fall

ENG 152 The American Novel

This course traces the development of the novel in America from the late eighteenth century to the present. In addition to examining different types of fiction, such as sentimental, realistic, modernist, and postmodernist, we will also explore how these novels were shaped by and contributed to some of the social and cultural forces of their day. What 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

On Occasion

ENG 153 Contemporary American Drama

Contemporary American Drama has been invigorated by creative and cultural forces that have emerged over the last five decades to challenge the theatrical establishment of the early twentieth century. It thus assumes a unique identity. The popular American themes of free expression of individuality and a belief in a bright future now extend beyond Broadway, finding voice in off-Broadway houses and alternative and regional theatres. The style, structure and conventions of earlier American plays have often been retooled; orthodox theatre architecture sometimes modified; and the demographics of theatre on stage and in the audience have been expanded. These practices reflect the creative fire that has produced plays with bold new contours. Readings will include Edward Albee's *Who's Afraid of Virginia Woolf?*, Sam Shepard's *True West*, August Wilson's *Ma Rainey's Black Bottom*, and David Mamet's *Glengarry Glen Ross*.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 154 American Poetry

This course will present a relatively broad and fairly rapid survey of major American poets. We will dwell mainly on three large historical periods: the nineteenth century of Emily Dickinson and Walt Whitman; the early twentieth century of Robert Frost, Hart Crane, Marianne Moore, and Wallace Stevens; and the contemporary period (today), when there are more American poets being published than ever before. (These twenty-first century poets will probably be represented by figures like Robert Pinsky and Louise Glück.) In order even to begin grasping this historical range and poetic diversity, we'll need to move at a pace of about one poet per week, but we'll hope to sustain a fairly serious engagement with each of our poets in turn, while thinking about how each of them imagines (or re-imagines) the idea of America and American discourse.

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 O'Neill, Miller, Williams: Forces in Modern American Drama

An intensive study of three playwrights who changed the course of American drama and branded it with a distinctively American quality. Eugene O'Neill, the son of the country's leading actor, knew early-century American drama intimately and decided to set out in a completely different direction. He rejected the popular melodramas; instead, he wrote searing personal tragedies and attempted to capture in his work the quality of ancient Greek tragedy. He wrote of prostitutes, farmers, young wives and domineering fathers. He created new theatrical styles and wrote *Long Day's Journey into Night*, often called the greatest American play. Arthur Miller broke theatrical ground in completely different ways: he experimented with surrealism in *Death of a Salesman*, now an American classic. In the body of his work, he continued to probe questions of guilt, individual perceptiveness and moral responsibility, and he continued to master a range of theatrical styles. Tennessee Williams, a genteel Southern rebel, abandoned the predominantly realistic tradition, feeling it was exhausted and called for a "plastic theatre" in which every scene was crafted as a living sculpture. These three playwrights established the uniqueness of American drama in the early twentieth century. Readings in the course will include the major works of the three playwrights.

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 Irish-American Fiction

Beginning with the mid-nineteenth-century wave of emigration due to the Great Famine in Ireland, the Irish became a formidable presence in American life and in American fiction as well. We will read representative samples of nineteenth- and early twentieth-century fiction as a foundation for the major focus of the course, which is the contemporary novel of the Irish American experience. For our purposes, we will define Irish American fiction not by the ethnicity of the novelist but rather as fiction which examines the connections between Ireland and America, the influence of the Irish past in the lives of the American characters, the search for a precarious balance between being Irish and being American. Possible authors include Tom McHale, J. P. Donleavy, John Gregory Dunne, Mary Gordon, Alice McDermott, William Kennedy, and Pete Hamill.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 157 American Modernism and the Art of Making it New

Something radical happened in the early twentieth

century. Painters moved toward abstraction. Composers embraced atonality. And writers created a new literary aesthetic through fragmentation, stream of consciousness, and other experiments with language. So what were some of the social, cultural, and political forces that brought about these changes? How were twentieth-century artists rejecting the practices of the Victorian era? How were they responding to drastic changes in technology and science? And how were they challenging audiences to be new readers, viewers, and listeners? This class will examine this period (1907-1929) in American literature, art, and culture. We will read fiction, poetry, and drama, study visual art (Duchamp, Balla, Boccioni, Picasso, Matisse, Cézanne), listen to music (Ravel, Stravinsky, Schoenberg, Ellington), and do research on historical and social context, including topics such as lynching memorabilia, nineteenth- and twentieth-century etiquette manuals, World War I propaganda, and Diaghilev's Les Ballets Russes. This interdisciplinary approach will not only provide a richer understanding of the writings of Gertrude Stein, Eugene O'Neill, Ernest Hemingway, Willa Cather, T. S. Eliot, Jean Toomer, Nella Larsen, e. e. cummings, Wallace Stevens, William Carlos Williams, Ezra Pound, H. D., William Faulkner, and F. Scott Fitzgerald, for example, but it will also challenge us to think critically about the social and cultural changes shaping modernism.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 158 Freak 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 clamored 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? As spectators, what is our role in the othering of certain individuals and groups?

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 159 Bodies on Display: Perspectives on the Body in American Culture from the 19th Century to the Present

This course seeks to explore some of the rich

historical materials treating aspects of the human body as it has been viewed, exhibited, analyzed, and objectified in the nineteenth and twentieth centuries. We will examine some key primary works, fiction, film, photography, and a selection of interpretive studies that consider the social and cultural construction of bodies in America. The readings in this course are intended not to add up to some neat thesis but to raise questions of interpretation and meaning. From the history of freak shows and blackface minstrelsy to more contemporary displays of female and male bodies, these readings - both primary and secondary - will challenge us to think about some of the forces that have shaped - and continue to shape - the ways in which we think about the body.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 160 Hawthorne and James: From Romance to Realism

A concentrated analysis of the points of contact between two major American writers, Nathaniel Hawthorne and Henry James. Two representative works that speak to each other - Rappaccini's Daughter and Daisy Miller - are introduced to show the difference between Hawthornian romance and Jamesian realism. After examining Hawthorne's Puritan-oriented works (such as "Young Goodman Brown" and The Scarlet Letter), as well as his novel about transcendentalism, The Blithedale Romance, the course examines how James' more realistic novels, such as Washington Square and The Portrait of a Lady, take up where Hawthorne left off. We see how they represent not only the "deeper psychology," but also issues related to nineteenth-century feminism and consumer capitalism. The moral, social, and aesthetic views of both writers are explored, and James' novellas such as The Beast in the Jungle and The Aspern Papers are read in order to demonstrate the intersecting interests of the writers: how the realist and cosmopolitan literature James produced never escaped the influence of Hawthorne's more provincial romances.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 161 Melville

Covering Melville's exotic travel narrative about the South Seas (Typee), his famous novel about the pursuit of a great whale (Moby-Dick), his gothic urban novel Pierre, his story of con-artists on the Mississippi (The Confidence Man), as well as his shorter works such as "Bartleby the Scrivener," Benito Cereno, and Billy Budd, this course examines Herman Melville's journey as a writer interested in "forms" of all kinds: aesthetic,

novelistic, social, cultural, legal, and historical. We will analyze Melville experiments in narrative construction, and will relate this to the ideological implications of history writing and to the power structures such writing serves. In addition, we will consider other aspects of the work: Melville's view of race and non-Western culture; the connections between slavery in the South and the economic conditions in the industrial North; nature's law and man's law; national identity and the notion of a national literature for America. Melville will be also be discussed in relation to his contemporaries: Emerson, Poe, and Hawthorne.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 162 American Autobiography

An exploration of autobiographies and quasi-autobiographies that tell the story of Americans from the early colonial period right up to the twentieth century. Discussions will revolve around the aesthetics of autobiography, the mixture of fiction and fact, and the construction of different "selves" that typify various strains of American intellectual thought as well as various cultural and social circumstances within different eras of American history. Approximately six works are chosen from such autobiographies as the following: Mary Rowlandson's History of Captivity, Benjamin Franklin's Autobiography, Harriet Jacobs's Incidents in the Life of a Slave Girl, Henry David Thoreau's Walden, Mark Twain's Life on the Mississippi, Adams' The Education of Henry Adams, Gertrude Stein's Autobiography of Alice B. Toklas, Ernest Hemingway's Moveable Feast, Henry Miller's Tropic of Capricorn, Malcolm X's Autobiography, and Paul Auster's The Invention of Solitude.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 163 Literature of New York

An examination of literary works set in New York that explore the city as the site of material ambition, romance, cultural diversity, wealth, poverty, and alienation. Discussions will revolve around the way the literature invites sociological as well as psychological analysis of the city's impact on human lives. Among the five or six works to be read in the course are such New York stories as the following: Melville's "Bartleby: A Story of Wall Street," James' Washington Square, Riis's How the Other Half Lives, Cahan's The Rise of David Levinsky (or H. Roth's Call It Sleep), Wharton's House of Mirth, Dreiser's Sister Carrie, Fitzgerald's The Great Gatsby, Salinger's Catcher in the Rye, Auster's City of Glass, Wolfe's Bonfire of the Vanities, Delillo's Cosmopolis, P. Roth's The Dying

Animal, and Morrison's Jazz.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 164 American Drama

The course will focus on the distinctly American essence of the plays that have shaped our dramatic tradition. Viewing American drama from its eighteenth-century origins to the mid-twentieth century, we will trace the American playwright's ability to create native characters, to address topics of particular national interest, and to present themes particularly relevant to the American psyche, while simultaneously sharing in the lively currents of international theatre. Consideration will be given to the cultural and historical forces that fostered the creation of new genres, including vaudeville and tent shows. These and sparkling comedies of manners, sensational melodramas, and domestic dramas all contributed to the development of American drama during the first century and a half of its existence. With the emergence of Eugene O'Neill, Arthur Miller, and Tennessee Williams in the twentieth century, American drama attained and continues to hold a highly respected position on the world stage.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 165 American Colonial Literature

This course examines writing in America before 1800 (roughly the period between the European "discovery" and the first products of an officially independent United States). We will examine the written evidence to find who the settlers were, what they expected or wanted or demanded, how they reacted to what they found, and what models of expression they developed to record their experiences. Readings will emphasize the variety of viewpoints that described America life and the terrific energy that writers brought to their tasks. We will also examine critical models of interpretation in both historical and contemporary forms.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 181 The Art of Expository Writing

This course explores what it means to write effectively through a consideration of purpose, audience, context, and genre. In particular, we will pay attention to the strategic deployment of pathetic, ethical, and logical appeals as well as other relevant rhetorical principles that aid us in creating and understanding "good writing." Class will be

conducted in a workshop format whenever possible with emphasis on the composing and revision process.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 182 Introduction to Creative Writing

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, etc.) and will distribute one scene and one longer work to the class for constructive feedback. By studying established writers, reading student work, and receiving lots of feedback from the instructor and peers, students will develop proficiency in various literary techniques and style.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 183 Creative Non-Fiction

This workshop, in which students present their original writing and learn how to give and receive feedback on their work, explores nonfiction genres such as biography, autobiography and memoir, travel writing, and journal writing but particular emphasizes the essay and its elastic form governed by an aesthetic and epistemology distinct from traditional academic writing and argument. Academic writing often teaches students to defend assertions through logical appeal and to establish authority by eliminating the word "I." The creative nonfiction 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 as well as the history that enabled and the theory that explains this genre. We will also give attention to the role/form of creative nonfiction in the evolving Web 2.0 environment.

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

"Be kind, for everyone you meet is fighting a great battle." This quote, often attributed to Philo of Alexandria, points to the commonality of suffering and the importance of empathy in human interaction. How do we cope with and make sense

of the painful dimensions of our existences? 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. Emphasis is placed on fostering a supportive but critical writing community to aid the creative meaning-making process of shaping private stories into public ones. This course is appropriate for those earnestly interested in effecting healing through writing about personal experiences and sharing their stories with others.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 185 Theories of Writing and Composing

This course will acquaint students with the history of writing studies and introduce some of the theoretical strands, including overlaps and controversies, that inform the contemporary practice of teaching writing. The course will also treat practical implementation of composing theory and help students become aware of their own writing process and writing standards as well as the political and ethical dimensions of teaching and assessing writing and communication. Some of the topics that may be covered are the origin and history of composition and rhetoric and the process and post-process movements, including the influence of rhetoric, WAC, ESL and linguistics, collaborative learning, expressionism, cognitivism, social constructivism, social epistemic, critical pedagogy, new media/digital literacy, and assessment.

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

What counts as writing? From an early age we are taught to view writing in a certain way, perhaps as words on a page. However, for many people the so-called "digital age" has changed this definition because suddenly we are able to more easily combine images, sounds, colors, and gestures alongside our words. But how are these combinations different in online and digital writing from previous writing genres like the book, maps, or sheet music? This course will explore the theories of multimodality and give students experience composing in online, digital, and multimodal environments. Throughout, students put into practice ideas of rhetorical choice, audience,

adaptability, access, and authorship by designing projects such as multimodal instructions, accessible webtext, or multichannel advocacy projects.

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, as well as what makes writing professional, rhetorically effective, and publishable. 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 copy-editing 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 one significant piece of writing through all the stages of design to copy-editing and publication. Additionally, all students will be required to engage in an on-campus publishing context by submitting an article to the LIU Post student newspaper, The Pioneer.

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. With these considerations in mind, students will learn and practice "professional" and "business" writing and analyze and discuss the rhetorical principles that seem to govern these genres. Our assumption will be that rather than a simple, dry matter of adhering to static rules, producing such writing involves a creative and complex negotiation of language. 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, and by critiquing and analyzing these genres through discussion and other collaborative classroom activities designed to promote such analysis and discussion, including reading journals, threaded discussion, and collaborative work and research.

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. Students will spend the beginning of the course engaging in smaller projects of experimentation before developing a longer piece through a series of workshops and revisions. Students' final portfolios should include their fully-developed, revised pieces, as well as the inclusion of at least one other piece developed from one of the earlier exercises, a proposal for a future experimental piece, and a plan for future publication/analysis of publication venues.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 190 Writing with Sound

This course is divided into three sections. The first involves the use of sound in the writing process, in stages of invention, composing/drafting, and revision. In the second section of the course, student will take a critical, cultural approach to artifacts of sound, research and understanding ways in which a single sound, like airplane engines, sirens, or silences, influence people, practices, and spaces. Finally, the last section of the course will ask students to compose two projects using sound, such as text-to-sound translation, sound design installation, or audio-essay. In addition to taking a critical and design approach this course will ask students to investigate assumptions, differences, and idiosyncratic ways of "knowing" their world through sound.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 191 Reading and Writing Comics

Comics can be traced back to hieroglyphics and some of the earliest combinations of pictures and writing systems. This course will explore some of that history as well as introduce terms theorists and comic creators use for understanding, analyzing, and discussing different comics and graphic novels. Finally, the course will allow students to engage in two projects for making their own comics—a memoir/memory comic strip sequence and a more in-depth piece of short fiction, memoir, or translation of a technical piece of 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 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 muscled their way into the adult reading market. What explains this immense popularity? How does teen fiction differ from adult fiction in terms of theme, characterization, and content? And what skills and writerly techniques can we use to work most effectively within this genre? By considering market trends, researching teenage audiences, and reading several novels, we will explore young adult fiction with the goal of producing our own work in this genre. We will craft plots, write scenes, experiment with voice, develop effective dialogue, and do a range of exercises to tap into our inner teen.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 194 Videogame Narratives

Storytelling within a videogame can vary drastically from other forms of short fiction. In this course students will explore what it means to create multiple endings and pathways, work within non-linear story arcs, and retain a narrative that is immersive and character-driven. The course will focus on analysis of popular videogame narratives as well as an introduction to the fiction writing aspects of creating a videogame narrative. Prerequisites: Eng 1 and 2.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 201 The English Language

Many of us are unfamiliar with fundamental aspects of the English language that we use for everyday communication as well as in our academic and creative work. In this course, the English language will take center stage as we investigate the structures, sounds, history, variation and use of the English language. We will look into the unique history of English as well as its affinities with languages such as German, Dutch and French. We will examine the differences between the varieties of English that exist within the U.S. and around the world, the so-called Global Englishes. We will also consider English in diverse contexts of use to see how speakers draw inferences in conversation and how our use of the language speaks to our attitudes toward class, gender and other sociocultural variables. Finally, the course will consider the ways in which specialized knowledge of the English language can be drawn upon by educators, creative writers and scholars of literature.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 202 Varieties of English

This course will look into the ways in which varieties of the English language differ and will consider the reasons for these differences. Using Standard American English as a starting point, we will look at the important differences in structure, sound and vocabulary between American English and varieties such as Black English, Appalachian English, Standard British English, Belfast English, Singapore English, Australian English, South African English and others. As we go, we will address important questions such as: Is one variety of English "better" than the others? How do different varieties come into existence? What have been the effects of the gradual spread of English on indigenous languages?

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 203 The Logic of Conversation

Inspired by the philosopher Paul Grice's seminal work of the same title, this course is an introduction to the logic of conversation. From the initial premise that speakers are cooperative in conversation, we will see how Grice's and other's theories explain the way we interact and interpret conversation in context. In doing so, we will see how speakers calculate irony, correctly interpret nonliteral uses of language such as metaphor and simile, deal with misunderstandings and mistakes, as well as draw presuppositions, implicatures and other inferences in the context of conversation. We will also see how an analysis of conversation can be applied to literary texts to yield nuanced interpretations of dialogue and to reveal effects

created against the backdrop of our basic expectations about how conversation works.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 204 Theories of Persuasion: Ancient and Modern

This course examines the different theories of persuasion from ancient times to early twentieth century. Throughout the semester students learn how to write persuasively using the ethical and emotional techniques of classical Greece, the theological strategies of the Middle Ages, the psychological techniques of the Enlightenment, and the stylistic and grammatical techniques of the early twentieth century.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

ENG 205 Sex, Drugs, and Damnation: Letter Writing through the Renaissance

The purpose of the course is to introduce students to epistolary traditions from classical times through the Renaissance. Throughout the course, students examine the contents, the formal structure, and the style of the letter according to such genres as theological, moral, political, and personal. Students will also examine contemporary letter-writing methods and techniques through the lens of ancient epistolary theory.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

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 251 American Writers Since the Civil War

After the Civil War, realist depictions of upper- and middle-class life in American literature soon gave way to a darker, more fragmented vision of the world. How did American writing move from the fiction of William Dean Howells, who was celebrated as the greatest living writer at his seventy-fifth birthday party in 1912, to T.S. Eliot's nightmarish portrait of modern life in *The Waste*

Land ten years later? What were some of the social, cultural, and political forces that shaped such a change? How were American writers influencing and/or responding to other artistic media such as painting, photography, film, and music? This course examines these types of questions as we survey four literary movements since 1865: Realism, Naturalism, Modernism, and Postmodernism. We will not only make connections across the boundaries of social class, gender, race, and culture, but we will also interrogate the notion of "American" literature itself.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

Every Spring

ENG 282 Fiction Writing

The course builds on the skills of ENG 182 with a particular emphasis on short fiction. We will focus on published readings, exercises, and workshops of your writings. Students will produce two long stories, which will be read by the entire class and instructor. By the end of the semester, the student will accumulate a portfolio of work, a significant portion of which will be a sophisticated revision of one story. 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 283 Poetry Writing

This poetry workshop will involve constructive critical analysis of student writing as well as discussion on poems by canonical, established and emerging poets. Knowledge of craft, established in ENG 182, will be strengthened; articulation of poetics, for one's own and others' work, will be stressed. Emphasizing revision, workshops will address choices in form, layout, lineation, musicality, syntax, diction, figurative language, and reading/performance. By semester's end, students will have created a portfolio of no less than six thoroughly developed, revised poems. 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 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 situation, 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 285 Screenwriting

Some sections of this course will focus on television writing (in both sixty- and thirty-minute formats), and other sections will deal primarily with writing feature-length films. In either case, this course will help students understand the format, structure, and stylistic conventions of screenplay writing. They will learn how to develop characters and offer a rich visual landscape through dialogue. As with any advanced writing course, it will use a lecture/workshop format, and we will study current film and television writing as models. This course 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 303 World Literature I - Honors Core

This course is an Honors version of the same material covered in ENG 7 with additional writing assignments to qualify students to complete the competency graduation requirement in written composition. This course is required of all Honors students unless exempted by AP credit, freshman assessment, or Department placement examination. After taking ENG 303 and 304, students are eligible to complete their Core requirement in literature or language with two advanced literature courses in English or any of the foreign language courses normally used for this requirement. Students who have taken ENG 303 may not take ENG 7.

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 to qualify students to complete the competency graduation requirement in written composition. This course is required of all Honors students unless exempted by AP credit, freshman assessment, or Department placement examination. After taking ENG 303 and 304, students are eligible to complete their Core requirement in literature or language with two advanced literature courses in English or any of the foreign language courses normally used for this requirement. Students who have taken ENG 304 may not take ENG 8.

Student must be in Honors College.

Not open to students who have taken ENG 8.

Credits: 3

Every Spring

ENG 359 Australian Literature

Scheckler

This course examines modern Australian writing in a variety of forms: fiction, poetry, and drama. In some cases, Australian literature takes up some of the same issues as other settler societies—the U.S., Canada—and in others, it responds to specific conditions of environment, resources, and geopolitical status. Everywhere, however, Australian cultural expression delivers lively, challenging, and often beautiful engagement with age-old questions and new ones—kangaroos optional.

Prerequisites of at least Sophomore status, Honors College, and ENG 1 & 2 are required.

Credits: 3

On Occasion

ENG 360 The Horse in Literature

Digby

From the ancient Greek world of Plato and Aesop to the wilderness of the American West, the horse has generated brilliant literary works of every genre in literature. This seminar will take an historic and genre-based approach to the themes, symbols and narratives centered on the horse in literature.

Students will read short fiction, novels, plays and poetry.

Prerequisites of at least Sophomore status, Honors College, and ENG 1 & 2 are required.

Credits: 3

On Occasion

ENG 421 Writing in the Workplace: the Rhetoric of Professional Communication

Much of the writing we do in college is modeled on academic writing, which often privileges complexity and inquiry and presumes an intellectual detachment from practical communication. This description of academic writing is not meant to be pejorative, nor is it meant to imply an invidious comparison with workplace writing. Quite the contrary. A rhetorical space free from quotidian concerns that fosters the free play of ideas and intellectual development is arguably the cornerstone of the university education. But writing that is steeped in true communication with real audiences to produce concrete effects may look very different and require different considerations than writing that privileges the demonstration of intellectual development. As such, the study of professional writing provides a rich opportunity to discover the relevance and power of rhetoric. This course will focus on exploring the differences as well as overlaps between academic writing and writing in the workplace in order for us to become more attuned generally to the rhetorical principles of purpose, audience, and context in communication. With these considerations in mind, we will practice 'professional' or 'business' writing and analyze and discuss the rhetorical principles that seem to govern these genres.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

ENG 422 Dorothy L Sayers: From Detective Mysteries to Mysteries of Faith

Dorothy L Sayers is a major, influential British writer of the earlier twentieth century. First coming to prominence as the creator of the detective Lord Peter Wimsey, she also worked as a dramatist, theorist, and verse translator. Her writings illustrate the importance of work as creative activity (for women as well as for men), the development of deeper themes in detective fiction, the modern failure to understand sin, and techniques of adaptation and translation. Probable texts include early and late mystery novels, the philosophical work *The Mind of the Maker*, secular and religious plays, and part of Sayers's translation of Dante.

Focusing on connections among poetry, fiction, drama, philosophy, theology, translation, history, and related studies, this course gives students a broad understanding of how humanists think and write, the sort of knowledge that broadens understanding and helps students devise creative solutions to many problems in the real world.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

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 1F Reading and Interpretation

Same as SST 1. For international students.

No Pass/No Pass option available.

Credits: 3

Every Fall and Spring

DEPARTMENT OF FOREIGN LANGUAGES

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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.

The Department of Foreign Languages offers a B.A. in Spanish. In conjunction with LIU Post's College of Education, Information and Technology, the Department offers excellent preparation for careers as French, Italian and Spanish teachers for grades 7 to 12 through its B.S. degrees in Adolescence Education. Concentrations in French, Italian and Spanish are offered for students pursuing undergraduate degrees in early childhood and childhood education.

For non-majors, minors in French, Hebrew, Italian, Japanese, Linguistics, Russian, Russian Area Studies and Spanish are available. The Department's Critical Language program allows students to receive individualized tutoring in languages including Arabic, Chinese, Dutch, Hindi, Modern Greek, Portuguese, Turkish, Vietnamese and Yiddish. Study of critical languages is helpful to students pursuing degrees in political science, sociology, geography, history, business administration and economics.

B.A. in Spanish

Spanish is the primary language of many of the world's major countries and societies and is widely spoken in the United States. Fluency in this critical language is increasingly essential in the public and private sectors. The Bachelor of Arts program in Spanish language and literature at LIU Post will teach you to speak, read and write fluently in Spanish, and will acquaint you with the rich history and magnificent literature and culture of Spain and Latin America.

Fluency in Spanish will open doors to rewarding careers in countless fields. Spanish-speakers are increasingly in demand in such diverse fields as business, education, health care, government agencies, the media, the financial

sector and travel and tourism. An undergraduate education in Spanish adds tremendous value to a graduate degree in business, education, law, medicine, public administration or other field.

Students who graduate from the Bachelor of Arts program in Spanish at LIU Post receive special recognition for acquiring skills in this language. Those who earn an overall grade of C or higher in all coursework, will receive a special certificate and a permanent notation on their diploma and transcript that reads "Citation of Achievement in a Foreign Language."

As a foreign language student at LIU Post, you may be eligible to join honor societies that will link you with peers throughout the country and world. Sigma Delta Pi is the National Collegiate Hispanic Honor Society and Phi Sigma Iota is the International Foreign Language Honor Society, both of which recognize outstanding academic ability.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in Spanish Language and Literature

{Program Code: 07038}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Spanish Language and Literature must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits (SPA 3 and 4)
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Spanish Language and Literature Course

SPA 3	Intermediate Spanish I	3.00
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SPA 4	Intermediate Spanish II	3.00
SPA 23	Advanced Spanish Grammar and Composition I	3.00
SPA 24	Advanced Spanish Grammar and Composition II	3.00

Elective Spanish Language and Literature

Courses

Six courses/eighteen credits from all SPA courses numbered 11 through 49, 85, 99, 385, 386, 389, 390. One WLT course may be used to satisfy this requirement (excluding WLT 7, 8 and 20 through 24).

Required Second Language Courses

Four courses/twelve credits from one of the following languages:

French

FRE 1	Elementary French I	3.00
FRE 2	Elementary French II	3.00
FRE 3	Intermediate French I	3.00
FRE 4	Intermediate French II	3.00
FRE 11	Introduction to French Literature I	3.00
FRE 12	Introduction to French Literature II	3.00

German

GER 1	Elementary German I	3.00
GER 2	Elementary German II	3.00
GER 3	Intermediate German I	3.00
GER 4	Intermediate German II	3.00
GER 11	Introduction to German Literature	3.00
GER 12	Survey of German Literature	3.00

Hebrew

HEB 1	Elementary Modern Hebrew I	3.00
HEB 2	Elementary Modern Hebrew II	3.00
HEB 3	Intermediate Modern Hebrew I	3.00
HEB 4	Intermediate Modern Hebrew II	3.00

Italian

ITL 1	Elementary Italian I	3.00
ITL 2	Elementary Italian II	3.00
ITL 3	Intermediate Italian I	3.00
ITL 4	Intermediate Italian II	3.00
ITL 11	Selected Readings in Early Italian Literature	3.00

ITL	12	Selected Readings in Modern and Contemporary Italian Literature	3.00
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Japanese

JPN	1	Elementary Japanese I	3.00
JPN	2	Elementary Japanese II	3.00
JPN	3	Intermediate Japanese I	3.00
JPN	4	Intermediate Japanese II	3.00

Russian

RUS	1	Elementary Russian I	3.00
RUS	2	Elementary Russian II	3.00
RUS	3	Intermediate Russian I	3.00
RUS	4	Intermediate Russian II	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 90
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in French
B.S. in Childhood Education (Grades 1 to 6) with Concentration in French

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in French. This 30-credit concentration consists of courses in French culture, language and literature. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in French, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Early Childhood Education (Birth to Grade 2) With Concentration in Italian
B.S. in Childhood Education (Grades 1 to 6) With Concentration in Italian

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Italian. This 30-credit concentration consists of courses in Italian culture, language and literature. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the

concentration in Italian, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Early Childhood Education (Birth to Grade 2) With Concentration in Spanish
B.S. in Childhood Education (Grades 1 to 6) With Concentration in Spanish

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Spanish. This 30-credit concentration consists of courses in Spanish culture, language and literature. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Spanish, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: French (Grades 7 to 12)

Students seeking to be initially certified to teach French in secondary schools in New York State should pursue the B.S. in Adolescence Education: French (Grades 7 to 12). This degree combines 36 credits of French with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Italian (Grades 7 to 12)

Students seeking to be initially certified to teach Italian in secondary schools in New York State should pursue the B.S. in Adolescence Education: Italian (Grades 7 to 12). This degree combines 36 credits of Italian with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Spanish (Grades 7 to 12)

Students seeking to be initially certified to teach Spanish in secondary schools in New York State should pursue the B.S. in Adolescence Education: Spanish (Grades 7 to 12). This degree combines 36 credits of Spanish with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree

requirements and Education course descriptions.

MINORS

Minor in French

Undergraduate students who are pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in French.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in French Requirements

For students initially placed in FRE 1 or above FRE 4:

Four courses/twelve credits from all FRE courses excluding FRE 1C, 2C, 7, 51, 52, 53, 54, 359 and 360

AND

Two courses/six credits from all FRE courses excluding FRE 1, 1C, 2, 2C, 3, 4, 7, 51, 52, 53, 54, 359 and 360

OR

For students initially placed into FRE 3:

All of the following:

FRE	3	Intermediate French I	3.00
FRE	4	Intermediate French II	3.00

AND

Four courses/twelve credits from all FRE courses excluding FRE 1, 1C, 2, 2C, 3, 4, 7, 51, 52, 53, 54, 359 and 360

Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Minor GPA: 2.25

Minor in French Area Studies

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (15 credits) toward a Minor in French Area Studies. Students completing this area studies minor will be able to communicate in French and gain an awareness and understanding of the influences of that language on business, economics, fine arts, history, literature, and political science that are parts of French heritage and culture. These minors complement many liberal arts and professional majors whose careers and interests are enhanced by exposure to related cultural elements.

Minor in French Area Studies

Requirements

Required French Area Studies Courses*

All of the following:

FRE	1	Elementary French I	3.00
FRE	2	Elementary French II	3.00
FRE	3	Intermediate French I	3.00
FRE	4	Intermediate French II	3.00

Elective French Area Studies Courses*

One course/ three credits from the following:

ART	70	Modern Art	3.00
CIN	1	The Art of the Film/1900-1930	3.00
ECO	41	International Economics	3.00
FRE	7	Introduction to French Culture	1.50
FRE	11	Introduction to French Literature I	3.00
FRE	12	Introduction to French Literature II	3.00
FRE	23	Advanced French Grammar and Composition I	3.00
FRE	24	Advanced French Grammar and Composition II	3.00
FRE	25	Advanced French Conversation and Phonetics	3.00
FRE	26	French Culture and Civilization I	3.00
FRE	27	French Culture and Civilization II	3.00
FRE	30	French Literature of the Middle Ages and the Renaissance	3.00
FRE	32	French Classical Theatre	3.00

FRE	33	18th-Century French Literature	3.00
FRE	34	French Poetry of the 19th Century	3.00
FRE	35	19th-Century French Prose	3.00
FRE	36	French Poetry of the 20th Century	3.00
FRE	37	20th-Century Prose Literature	3.00
FRE	38	19th-Century French Theatre	3.00
FRE	39	20th-Century French Theatre	3.00
FRE/ WLT	55	French Literature of the 17th, 18th, and 19th Centuries	3.00
FRE/ WLT	56	French Literature of the 20th Century	3.00
FRE	70	Contemporary Culture and Civilization of France	3.00
FRE	85	Disciplinary Literacy in French	3.00
FRE	99	Seminar in French Literature: Special Topics	3.00
GGR	52	Geography of Western Europe	3.00
HIS	164	History as Film: European Cinema in the 20th Century	3.00
HIS	304	European History from the French Revolution - Honors Core	3.00
POL	27	European Political Theory II	3.00
POL	65	Politics of the European Union	3.00
POL	68	Government and Politics of Western Europe	3.00
WLT	21	Short Works of French Literature	1.50
WLT	37	The Making of the Superhero	3.00
WLT	39	Horror in Literature	3.00

*Students with demonstrated proficiency in French may be placed in FRE 3 or 4. These students will need to complete additional French Area electives to satisfy the minor.

Credit and GPA Requirements

Minimum Total Credits: 15
Minimum Minor GPA: 2.25

Minor in German

Undergraduate students who are pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in German.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in German Requirements

Required German Courses

Six courses/eighteen credits from all GER courses excluding GER 1C, 2C, 7, 51, 52, 53, 54, 359, 360

Credit and GPA Requirements

Minimum Total Credits: 18
Minimum Minor GPA: 2.25

Minor in Hebrew

Undergraduate students who are pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in Hebrew.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Hebrew Requirements

For students initially placed in HEB 1 or above HEB 4:

Four courses/twelve credits from all HEB courses excluding HEB 1C and 2C

AND

Two courses/six credits from all HEB courses excluding HEB 1, 1C, 2, 2C, 3 and 4

OR

For students initially placed into HEB 3:

All of the following:

HEB	3	Intermediate Hebrew I	3.00
HEB	4	Intermediate Hebrew II	3.00

AND

Four courses/twelve credits from all HEB courses excluding HEB 1, 1C, 2, 2C, 3 and 4

Credit and GPA Requirements

Minimum Total Credits: 18
Minimum Minor GPA: 2.25

Minor in Italian

Undergraduate students who are pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in Italian.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Italian Requirements

For students initially placed in ITL 1 or above ITL 4:

Four courses/twelve credits from all ITL courses excluding ITL 1C, 2C, 7, 51, 52, 53, 54, 359 and 360

AND

Two courses/six credits from all ITL courses excluding ITL 1, 1C, 2, 2C, 3, 4, 7, 51, 52, 53, 54, 359 and 360

OR

For students initially placed into ITL 3:

All of the following:

ITL	3	Intermediate Italian I	3.00
ITL	4	Intermediate Italian II	3.00

AND

Four courses/twelve credits from all ITL courses excluding ITL 1, 1C, 2, 2C, 3, 4, 7, 51, 52, 53, 54, 359 and 360

Credit and GPA Requirements

Minimum Total Credits: 18
Minimum Minor GPA: 2.25

Minor in Italian Area Studies

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (15 credits) toward a Minor in Italian Area Studies. Students completing this area studies minor will be able to communicate in Italian and gain an awareness and understanding of the influences of that language on business, economics, fine arts, history, literature, and political science that are parts of French heritage and culture. These minors complement many liberal arts and professional majors whose careers and interests are enhanced by exposure to related cultural elements.

Minor in Italian Area Studies Requirements

Required Italian Area Studies Courses*

All of the following:

ITL	1	Elementary Italian I	3.00
ITL	2	Elementary Italian II	3.00
ITL	3	Intermediate Italian I	3.00
ITL	4	Intermediate Italian II	3.00

Elective Italian Area Studies Courses*

One course/three credits from the following:

ART	67	The Art of the Baroque	3.00
ART	70	Modern Art	3.00
ECO	41	International Economics	3.00
GGR	52	Geography of Western Europe	3.00
HIS	164	History as Film: European Cinema in the 20th Century	3.00

ITL	7	Introduction to Italian Culture	1.50
ITL	11	Selected Readings in Early Italian Literature	3.00
ITL	12	Selected Readings in Modern and Contemporary Italian Literature	3.00
ITL	23	Advanced Italian Grammar and Composition I	3.00
ITL	24	Advanced Italian Grammar and Composition II	3.00
ITL	25	Advanced Italian Conversation	3.00
ITL	26	Italian Culture and Civilization I	3.00
ITL	27	Italian Culture and Civilization II	3.00
ITL	30	Dante, Petrarca (Petrarch), and Boccaccio	3.00
ITL	31	Italian Literature of the Renaissance and the Baroque Period	3.00
ITL	32	Italian Literature of the 18th Century	3.00
ITL	33	The Contemporary Italian Novel	3.00
ITL	35	The Italian Novel from Manzoni to the Voce Period	3.00
ITL	36	Pirandello and the Modern Theatre	3.00
ITL/W	62	The Italian Poetic Heritage	3.00
LT			
ITL	70	Contemporary Culture and Civilization in Italy	3.00
ITL	85	Disciplinary Literacy in Italian	3.00
ITL	99	Seminar in Italian Literature: Special Topics	3.00
MUS	23	Music in Western Civilization III	3.00
POL	27	European Political Theory II	3.00
POL	65	Politics of the European Union	3.00
POL	68	Government and Politics of Western Europe	3.00
WLT	22	Short Works of Italian Literature	1.50

WLT	37	The Making of the Superhero	3.00
WLT	39	Horror in Literature	3.00

*Students with demonstrated proficiency in Italian may be placed in ITL 3 or 4. These students will need to complete additional Italian Area electives to satisfy the minor.

Credit and GPA Requirements

Minimum Total Credits: 15
Minimum Minor GPA: 2.25

Italian for Music Majors

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (15 credits) toward a Minor in Italian for Musicians. ITL 15, a required course for the minor, provides music majors the tools to master the proper pronunciation of the Italian Language. It will focus on speaking, listening, as well as writing and reading skills, using materials selected from the music culture. The minor will prepare students to communicate in Italian with the correct pronunciation.

Minor in Japanese

Undergraduate students who are pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in Japanese.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Japanese Requirements

Required Japanese Courses

All of the following:

JPN	1	Elementary Japanese I	3.00
JPN	2	Elementary Japanese II	3.00
JPN	3	Intermediate Japanese I	3.00
JPN	4	Intermediate Japanese II	3.00
JPN	11	Introduction to Japanese Literature I	3.00
JPN	12	Introduction to Japanese Literature II	3.00

Credit and GPA Requirements

Minimum Total Credits: 18
Minimum Minor GPA: 2.25

Minor in Linguistics

Undergraduate students who are pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in Linguistics.

A minor adds value to your degree and a competitive edge in the job market by providing

you with additional skills and enhanced knowledge in another field of study.

Minor in Linguistics Requirements

Required Linguistics Courses

Six courses/eighteen credits from all LIN courses

Required English Grammar Course

ENG	3	Grammar and the Structure of English	3.00
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Credit and GPA Requirements

Minimum Total Credits: 21

Minimum Minor GPA: 2.25

Minor in Russian

Undergraduate students who are pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in Russian.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study

Minor in Russian Requirements

Required Russian Courses

Six courses/eighteen credits from all RUS courses excluding RUS 1C, 2C, 7, 38, 46, 47, 48, 49, 70, 359, 360

Credit and GPA Requirements

Minimum Total Credits: 18

Minimum Minor GPA: 2.25

Minor in Russian Area Studies

Undergraduate students who are pursuing a major in another subject area can apply 15 credits of elective courses toward a minor in Russian Area Studies. This minor combines courses from taken from Foreign Languages, Economics, Geography, History and Political Science.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Russian Area Studies Requirements

Required Russian Area Studies Courses*

All of the following:

RUS	1	Elementary Russian I	3.00
RUS	2	Elementary Russian II	3.00
RUS	3	Intermediate Russian I	3.00
RUS	4	Intermediate Russian II	3.00

Elective Russian Area Studies Courses*

One course/three credits from the following:

ART	70	Modern Art	3.00
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CIN	1	The Art of Film/1900-1930	3.00
ECO	41	International Economics	3.00
ECO	44	The Transition Economies of Eastern Europe and the Former Soviet Union	3.00
HIS	168	Russia Since 1917	3.00
POL	69	Government and Politics of Eastern Europe	3.00
POL	71	Russian Government and Politics	3.00
RUS	7	Introduction to Russian Culture	1.50
RUS	24	Intensive Conversation and Creative Writing I	3.00
RUS	25	Intensive Conversation and Creative Writing II	3.00
RUS	30	Russian Culture and Civilization (Ancient-1917)	3.00
RUS	31	Russian Culture and Civilization (1917 to Present)	3.00
RUS/WLT	38	New Voices in Russian Literature	3.00
RUS/WLT	46	Russian Literature from 1800-1917	3.00
RUS/WLT	47	Russian Literature from 1917-Present	3.00
RUS/WLT	48	Dostoevsky	3.00
RUS/WLT	49	Tolstoy	3.00
RUS	70	Contemporary Culture and Civilization in Russia	3.00
WLT	20	Short Works of Russian Literature	1.50
WLT	37	The Making of the Superhero	3.00
WLT	39	Horror in Literature	3.00

*Students with demonstrated proficiency in Russian may be placed in RUS 3 or 4. These students will need to complete additional Russian Area electives to satisfy the minor.

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

Minor in Spanish

Undergraduate students who are pursuing a major in another subject area can apply 18 credits

of elective courses toward a minor in Spanish.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Spanish Requirements

For students initially placed in SPA 1 or above SPA 4:

Four courses/twelve credits from all SPA courses excluding SPA 1C, 2C, 7, 51, 52, 53, 54, 359 and 360

AND

Two courses/six credits from all SPA courses excluding SPA 1, 1C, 2, 2C, 3, 4, 7, 51, 52, 53, 54, 359 and 360

OR

For students initially placed into SPA 3:

All of the following:

SPA	3	Intermediate Spanish I	3.00
SPA	4	Intermediate Spanish II	3.00

AND

Four courses/twelve credits from all SPA courses excluding SPA 1, 1C, 2, 2C, 3, 4, 7, 51, 52, 53, 54, 359 and 360

Credit and GPA Requirements

Minimum Total Credits: 18

Minimum Minor GPA: 2.25

Minor in Spanish for Health Professionals

The program will prepare students to communicate with the Hispanic population to meet the challenges of today's health care programs and the complexities faced by both providers and patients

Minor in Spanish for Health Professionals Requirements

For Students Placing into Spanish 1

All of the following:

SPA	1	Introductory Spanish I	3.00
SPA	2	Introductory Spanish II	3.00
SPA	3	Intermediate Spanish I	3.00
SPA	4	Intermediate Spanish II	3.00
SPA	15	Spanish Medical Terminology and Conversation 1	3.00
SPA	16	Spanish Medical Terminology and Conversation 2	3.00

For Students Placing into Spanish 3*

All of the following:

SPA	3	Intermediate Spanish I	3.00
SPA	4	Intermediate Spanish II	3.00

SPA 15	Spanish Medical Terminology and Conversation 1	3.00
SPA 16	Spanish Medical Terminology and Conversation 2	3.00
And six credits of the following Spanish area electives:		
SPA 7	Introduction to Spanish Culture	1.50
SPA 11	Introduction to Peninsular Literature	3.00
SPA 12	Introduction to Spanish-American Literature	3.00
SPA 23	Advanced Spanish Grammar and Composition I	3.00
SPA 24	Advanced Spanish Grammar and Composition II	3.00
SPA 25	Advanced Spanish Conversation	3.00
SPA 26	Culture and Civilization of Spain	3.00
SPA 27	Culture and Civilization of Hispanic America	3.00
SPA 29	Advanced Grammar and Writing Skills	3.00
SPA 30	The Picaresque Novel	3.00
SPA 31	20th-Century Spanish-American Novel	3.00
SPA 32	Spanish Literature of the Middle Ages and the Renaissance	3.00
SPA 33	Theatre of the Golden Age	3.00
SPA 35	Cervantes	3.00
SPA 36	19th-Century Spanish Literature	3.00
SPA 37	Spanish Literature of the 20th Century	3.00
SPA 38	Spanish-American Literature I	3.00
SPA 39	Spanish-American Literature II	3.00
SPA 40	Seminar in Spanish and Spanish-American Literature	3.00
SPA 41	Applied Linguistics Seminar	3.00
SPA 42	Contemporary Spanish Literature	3.00

SPA 43	The Contemporary Spanish Theatre	3.00
SPA 44	Spanish-American Women Writers	3.00
SPA 45	The New Novel in Latin America	3.00
SPA 46	Literary Translation (Spanish to English)	3.00
SPA 47	Latin-American Women Poets	3.00
SPA 48	Latino Literature in America	3.00
SPA 70	Contemporary Culture and Civilization in Spain	3.00
SPA 71	Contemporary Culture and Civilization in Latin America	3.00
SPA/ WLT 72	Spanish Literature from Middle Ages to the 19th Century	3.00
SPA/ WLT 73	Hispanic Literature of the 20th Century	3.00
SPA 85	Disciplinary Literacy in Spanish	3.00
SPA 99	Seminar in Spanish Literature: Special Topics	3.00
WLT 23	Short Works of Spanish Literature	1.50

*Students with demonstrated proficiency in Spanish may be placed in SPA 4 or above. These students will need to complete additional Spanish Area electives to satisfy the minor.

Credit and GPA Requirements

Minimum Total Credits: 18
Minimum Minor GPA: 2.25

Minor in Hispanic Area Studies

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (15 credits) toward a Minor in Hispanic Area Studies. Students completing this area studies minor will be able to communicate in Spanish and gain an awareness and understanding of the influences of that language on business, economics, fine arts, history, literature, and political science that are parts of Hispanic heritage and culture. These minors complement many liberal arts and professional majors whose careers and interests are enhanced by exposure to related cultural elements.

Minor in Hispanic Area Studies Requirements

Required Hispanic Area Studies Courses*

All of the following:

SPA 1	Elementary Spanish I	3.00
SPA 2	Elementary Spanish II	3.00
SPA 3	Intermediate Spanish I	3.00
SPA 4	Intermediate Spanish II	3.00

Elective Hispanic Area Studies Courses*

Three credits from the following:

ANT 22	The Anthropology of Middle and South America	3.00
ART 70	Modern Art	3.00
ECO 41	International Economics	3.00
GGR 45	Geography of Latin America	3.00
GGR 52	Geography of Western Europe	3.00
HIS 164	History as Film: European Cinema in the 20th Century	3.00
HIS 186	History of Latin America, 1000 A.D. to 1810 A.D.	3.00
HIS 187	History of Modern Latin America	3.00
POL 27	European Political Theory II	3.00
POL 65	Politics of the European Union	3.00
POL 68	Government and Politics of Western Europe	3.00
POL 73	Government and Politics of Latin America	3.00
SOC 29	Sociology of Latino/a Culture and Identity	3.00
SPA 7	Introduction to Spanish Culture	1.50
SPA 11	Introduction to Peninsular Literature	3.00
SPA 12	Introduction to Spanish-American Literature	3.00
SPA 23	Advanced Spanish Grammar and Composition I	3.00
SPA 24	Advanced Spanish Grammar and Composition II	3.00
SPA 25	Advanced Spanish Conversation	3.00
SPA 26	Culture and Civilization of Spain	3.00
SPA 27	Culture and Civilization of Hispanic America	3.00

SPA	29	Advanced Grammar and Writing Skills	3.00
SPA	30	The Picaresque Novel	3.00
SPA	31	20th-Century Spanish-American Novel	3.00
SPA	32	Spanish Literature of the Middle Ages and the Renaissance	3.00
SPA	33	Theatre of the Golden Age	3.00
SPA	35	Cervantes	3.00
SPA	36	19th-Century Spanish Literature	3.00
SPA	37	Spanish Literature of the 20th Century	3.00
SPA	38	Spanish-American Literature I	3.00
SPA	39	Spanish-American Literature II	3.00
SPA	40	Seminar in Spanish and Spanish-American Literature	3.00
SPA	41	Applied Linguistics Seminar	3.00
SPA	42	Contemporary Spanish Literature	3.00
SPA	43	The Contemporary Spanish Theatre	3.00
SPA	44	Spanish-American Women Writers	3.00
SPA	45	The New Novel in Latin America	3.00
SPA	46	Literary Translation (Spanish to English)	3.00
SPA	47	Latin-American Women Poets	3.00
SPA	48	Latino Literature in America	3.00
SPA	70	Contemporary Culture and Civilization in Spain	3.00
SPA	71	Contemporary Culture and Civilization in Latin America	3.00
SPA/ WLT	72	Spanish Literature from Middle Ages to the 19th Century	3.00
SPA/ WLT	73	Hispanic Literature of the 20th Century	3.00
SPA	85	Disciplinary Literacy in Spanish	3.00
SPA	99	Seminar in Spanish Literature: Special Topics	3.00

WLT	23	Short Works of Spanish Literature	1.50
WLT	37	The Making of the Superhero	3.00
WLT	39	Horror in Literature	3.00

*Students with demonstrated proficiency in Spanish may be placed in SPA 3 or 4. These students will need to complete additional Hispanic Area electives to satisfy the minor.

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

Foreign Language Certificate of Achievement

The Department of Foreign Languages offers a great variety of elective courses for students who wish to continue language study begun on the secondary level and who may need foreign language study for future graduate studies and professional needs. Some academic departments strongly encourage foreign language study for these purposes.

Students desiring first and second year foreign language study that develops skills in speaking, listening, reading and writing normally elect courses numbered 1, 2, 3 and 4.

The Department also offers various courses of literature in translation and culture and civilization given in English for students who wish to fulfill humanities requirements or to include them among their free electives.

Students who study four semesters of a foreign language (French, German, Hebrew, Italian, Japanese, Russian, Spanish) at LIU Post may receive special diploma recognition in the form of transcript notation and a certificate to accompany the diploma.

Eligibility:

- Successfully complete 12 credits at LIU Post in one foreign language
- Achieve a minimum grade of C in the target language courses*

*AP, Life Experience, Critical Languages and transfer credits are not applicable.

Critical Language Program

This non-degree program includes instruction in languages such as Arabic, Armenian, Chinese, Dutch, Modern Greek, Hindi, Hungarian, Korean, Norwegian, Persian, Polish, Brazilian-Portuguese, Serbo-Croatian, Swahili, Swedish, Turkish, Vietnamese, and Yiddish in a special tutorial program for a limited number of highly motivated undergraduate students. The program is essentially self-instructional, using effective text/technology courses in conjunction with a native speaker of the language who serves as a tutor. These courses

cannot be used to make up foreign language entrance deficiencies or to fulfill Core requirements.

Up to three years of instruction in Levels 1, 2, 3, 4, 11 and 12 will be provided (3 credits for each course). These languages are useful for students who are planning specialized studies in the politics, economics, history, business administration, sociology and geography of the areas in which they are spoken. The courses are excellent electives for students of linguistics, comparative language and foreign language.

Armenian Courses

AMN 1 Elementary Armenian I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3
Every Semester

AMN 2 Elementary Armenian II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of AMN 1 is required.
Credits: 3
Every Semester

AMN 3 Intermediate Armenian I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of AMN 2 is required.
Credits: 3
Every Semester

AMN 4 Intermediate Armenian II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of AMN 3 is required.
Credits: 3
Every Semester

AMN 11 Advanced Armenian I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of AMN 4 is required.

Credits: 3
Every Semester

AMN 12 Advanced Armenian II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of AMN 4 is required.
Credits: 3
Every Semester

Arabic Courses

ARA 1 Elementary Arabic I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3
Every Semester

ARA 2 Elementary Arabic II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of ARA 1 is required.
Credits: 3
Every Semester

ARA 3 Intermediate Arabic I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of ARA 2 is required.
Credits: 3
Every Semester

ARA 4 Intermediate Arabic II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core

requirements.
Prerequisite of ARA 3 is required.
Credits: 3
Every Semester

ARA 11 Advanced Arabic I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of ARA 4 is required.
Credits: 3
Every Semester

ARA 12 Advanced Arabic II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of ARA 4 is required.
Credits: 3
Every Semester

Chinese Courses

CHN 1 Elementary Chinese I

This course covers the essentials of Chinese structure, simple oral expressions and writing. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3
Every Fall

CHN 2 Elementary Chinese II

This course is a continuation of CHN 1. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of CHN 1 is required.
Credits: 3
Every Spring

CHN 3 Intermediate Chinese I

This course is a structural review, practice in oral expression and writing in addition to selected readings. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of CHN 2 is required.
Credits: 3
Every Fall

CHN 4 Intermediate Chinese II

This course emphasizes readings in Chinese civilization and culture and includes a review of

major structural and composition forms and intensified oral expression. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of CHN 3 is required.

Credits: 3

Every Spring

CHN 11 Advanced Chinese I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of CHN 4 is required.

Credits: 3

Every Semester

CHN 12 Advanced Chinese II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of CHN 4 is required.

Credits: 3

Every Semester

Dutch Courses

DUT 1 Elementary Dutch I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3

Every Semester

DUT 2 Elementary Dutch II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of DUT 1 is required.

Credits: 3

Every Semester

DUT 3 Intermediate Dutch I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class

tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of DUT 2 is required.

Credits: 3

Every Semester

DUT 4 Intermediate Dutch II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of DUT 3 is required.

Credits: 3

Every Semester

DUT 11 Advanced Dutch I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of DUT 4 is required.

Credits: 3

Every Semester

DUT 12 Advanced Dutch II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of DUT 4 is required.

Credits: 3

Every Semester

French Courses

FRE 1 Elementary French I

This course covers the essentials of French structure, simple oral expression and writing.

Credits: 3

Every Semester

FRE 1C French for Travelers I

This course covers the vocabulary, expressions and oral practice needed to deal with practical situations in French speaking countries. Limited to students with no French-speaking ability. Given in French.

FRE 2 Elementary French II

This course is a continuation of French 1.

Prerequisite of FRE 1 with a C- or better or the equivalent is required.

Credits: 3

Every Semester

FRE 2C French for Travelers II

This course covers the vocabulary, expressions and oral practice needed to deal with practical situations in French speaking countries. Limited to students with some French-speaking ability. Given in French.

Prerequisite of FRE 1C with a C- or better or the equivalent is required.

FRE 3 Intermediate French I

This course is a structural review, practice in oral expression and writing in addition to selected readings.

Prerequisite of FRE 2 with a C- or better or the equivalent is required.

Credits: 3

Every Fall

FRE 4 Intermediate French II

This course emphasizes readings in French civilization, culture and reviews major problems of structure and composition. Intensified oral expression is offered.

Prerequisite of FRE 3 with a C- or better or the equivalent is required.

Credits: 3

Every Spring

FRE 7 Introduction to French Culture

This course presents the basic elements of French culture through an introduction to French language, music, theatre and history.

Given in English.

Credits: 1.50

On Occasion

FRE 8 Introductory French Conversation

This course covers vocabulary, expressions and oral practice needed to deal with practical situations in French speaking countries. Limited to students with no French-speaking ability.

Credits: 1.50

On Occasion

FRE 11 Introduction to French Literature I

This course is a survey of the literature of France from the Middle Ages to the present day.

Given in French.

Prerequisite of FRE 4 with a C- or better is required.

Credits: 3

On Occasion

FRE 12 Introduction to French Literature II

This course is a survey of the literature of France from the Middle Ages to the present day.

Given in French.

Prerequisite of FRE 4 with a C- or better is

required.

Credits: 3

On Occasion

FRE 23 Advanced French Grammar and Composition I

This course is a complete review of French grammar, syntax and intensive exercises in correct writing, good composition and style. Companion course for French 24.

Prerequisite of FRE 4 with a C- or better is required.

Credits: 3

Annually

FRE 24 Advanced French Grammar and Composition II

This course is a complete review of French grammar, syntax and intensive exercises in correct writing, good composition and style. French 24 may be taken before French 23.

Prerequisite of FRE 4 with a C- or better is required.

Credits: 3

Annually

FRE 25 Advanced French Conversation and Phonetics

This course is intensive oral practice and expression in addition to oral reports on assigned topics and a study of the basic phonetics of French.

Prerequisite of FRE 4 with a C- or better is required.

Credits: 3

On Occasion

FRE 26 French Culture and Civilization I

This course presents an analysis of social, political, philosophic and aesthetic movements in France from the Middle Ages through the Great Revolution.

Given in French.

Prerequisite of FRE 4 with a C- or better is required.

Credits: 3

On Occasion

FRE 27 French Culture and Civilization II

This course is a survey of intellectual, political, social, aesthetic and philosophical currents in 19th- and 20th-century France. French 27 may be taken before French 26.

Given in French.

Prerequisite of FRE 4 with a C- or better is required.

Credits: 3

On Occasion

FRE 30 French Literature of the Middle Ages and the Renaissance

This course is a study of literary genres, including *chanson de geste*, lai, roman courtois, forms of troubadour poetry, lyric poetry of the late Middle Ages, and the *Pleiade*.

Prerequisite or co-requisite of FRE 24 or the

equivalent is required.

Credits: 3

On Occasion

FRE 32 French Classical Theatre

This course is a study of the sources and development of French theatre in the 17th century. Emphasis is on the works of Corneille, Racine and Moliere.

Prerequisite or co-requisite of FRE 24 or the equivalent is required.

Credits: 3

On Occasion

FRE 33 18th-Century French Literature

This course covers readings of major prose works from 18th-century France. The writings of Montesquieu, Voltaire, Diderot and others are analyzed.

Prerequisite or co-requisite of FRE 24 or the equivalent is required.

Credits: 3

On Occasion

FRE 34 French Poetry of the 19th Century

This course is a study of Romantic, Symbolist and Parnassian poetry.

Prerequisite or co-requisite of FRE 24 or the equivalent is required.

Credits: 3

On Occasion

FRE 35 19th-Century French Prose

This course covers readings from the novel and short story in 19th-century French literature with an analysis of the main writers, works from Chateaubriand to Zola.

Prerequisite or co-requisite of FRE 24 or the equivalent is required.

Credits: 3

On Occasion

FRE 36 French Poetry of the 20th Century

This course covers the readings and is an analyses of the French poetry of the 20th century from Francis Jammes and Guillaume Apollinaire to the present.

Prerequisite or co-requisite of FRE 24 or the equivalent is required.

Credits: 3

On Occasion

FRE 37 20th-Century Prose Literature

This course is a study of the novelists and short-story writers from Anatole France to the present.

Prerequisite or co-requisite of FRE 24 or the equivalent is required.

Credits: 3

On Occasion

FRE 38 19th-Century French Theatre

This course is a study of the Romantic, Realist, Naturalist and Post-Romantic French theatre.

Prerequisite or co-requisite of FRE 24 or the equivalent is required.

Credits: 3

On Occasion

FRE 39 20th-Century French Theatre

This course covers the readings and is an analyses of the works of the major playwrights from Claudel to the present.

Prerequisite or co-requisite of FRE 24 or the equivalent is required.

Credits: 3

On Occasion

FRE 51 Basic French Conversation for Non-majors I

This course provides conversational adequacy in French for frequently encountered social, everyday situations and a knowledge of basic vocabulary a student needs for conversation.

Credits: 3

On Occasion

FRE 52 Basic French Conversation for Non-majors II

This course provides conversational adequacy in French for frequently encountered social, everyday, situations and a knowledge of basic vocabulary a student needs for conversation.

Prerequisite of FRE 51 is required.

Credits: 3

On Occasion

FRE 53 Intermediate French Conversation for Professionals I

This course is primarily designed for the non-language major to provide intensive oral practice in French through the use of dramatization, both impromptu and prepared, class discussion and oral reports.

Credits: 3

On Occasion

FRE 54 Intermediate French Conversation for Professionals II

This course is primarily designed for the non-language major to provide intensive oral practice in French through the use of dramatization, both impromptu and prepared, class discussion and oral reports.

Prerequisite of FRE 53

Credits: 3

On Occasion

FRE 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 WLT 55.

Given in English.

Credits: 3

On Occasion

FRE 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 Gide, Mauriac, Ionesco, Beckett, Malraux, Proust, Anouilh, Sartre and Camus.

Same as WLT 56.

Given in English.

Credits: 3

On Occasion

FRE 70 Contemporary Culture and Civilization of France

This course is a panoramic view of French life, thought and the arts with respective historical, social and economic backgrounds, national character and regional differences. A free elective for all majors.

Given in English.

Credits: 3

On Occasion

FRE 85 Disciplinary Literacy in French

The course introduces students to the special ways of looking at texts characteristic of the target language and gives the skills to communicate to others fundamental concepts of reading, writing, listening and speaking in French. Students will study the following topics: how to understand and interpret abstract ideas, how to find and use pedagogical literature in foreign language, how to recognize and describe the characteristics of literary texts, how to decode and annotate historical allusions, how to format research materials according to Modern Language Association style, how to interpret and evaluate literary criticism. Applications will pertain to original works, inherently multicultural.

Prerequisite or co-requisite of FRE 24 or the equivalent is required.

Credits: 3

Every Fall

FRE 99 Seminar in French Literature: Special Topics

Study of a major author, genre, or literary movement, as determined by the instructor. Course may be taken more than once if topic is different.

Prerequisite of FRE 4 with a C- or better is required.

Credits: 3

Every Fall

German Courses**GER 1 Elementary German I**

This course covers the reading of simple texts and elements of oral expression.

Credits: 3

Every Fall

GER 1C German for Travelers I

This course covers the vocabulary, expressions and oral practice needed to deal with practical situations

in German speaking countries. Limited to students with little or no German-speaking ability.

Given in German.

GER 2 Elementary German II

This course is a continuation of German 1.

Intensive reading and building of active vocabulary.

Prerequisite of GER 1 with a C- or better grade or the equivalent is required.

Credits: 3

Every Spring

GER 2C German for Travelers II

This course covers the vocabulary, expressions and oral practice needed to deal with practical situations in German-speaking countries. Limited to students with some German-speaking ability.

Given in German.

Prerequisite of GER 1C with a C- or better grade or the equivalent is required.

GER 3 Intermediate German I

This course is a structural review. It includes readings on German culture and contemporary trends.

Prerequisite of GER 2 with a C- or better grade or the equivalent is required.

Credits: 3

Every Fall

GER 4 Intermediate German II

This course is a review of major problems of structure especially as syntax applies to

Prerequisite of GER 3 with a C- or better grade or the equivalent is required.

Credits: 3

Every Spring

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.

Credits: 3

On Occasion

GER 11 Introduction to German Literature

A course designed to give the student a first opportunity to read, in the original, sizeable excerpts from great works of German literature.

Prerequisite of GER 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

GER 12 Survey of German Literature

This course is the reading and discussion of complete texts of representative works of German poetry, drama and narrative fiction.

Prerequisite of GER 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

GER 23 Advanced German Grammar and Composition I

This course is a complete review of German grammar, practice in essay writing and a detailed study of idioms and style. Companion course for German 24.

Prerequisite of GER 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

GER 24 Advanced German Grammar and Composition II

This course is a complete review of German grammar, practice in essay writing and a detailed study of idioms and style. Companion course for German 23.

Prerequisite of GER 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

GER 25 Advanced German Conversation

This course is intensive oral practice and expression.

Credits: 3

On Occasion

GER 26 German Culture and Civilization I

This course is an analysis of social, political and cultural movements in German and Austrian history from the Middle Ages through 1848.

German 27 may be taken before German 26.

Prerequisite of GER 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

GER 27 German Culture and Civilization II

This course is a study of modern Germany from the Bismarck era to the present with a special focus on a reunited Germany and its new role in European and world affairs. A parallel study of Austria from the final years of Hapsburg rule to the present is included.

Prerequisite of GER 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

GER 32 18th-Century German Literature

In this course, representative works of Lessing, Goethe, Schiller, and other contemporaries leads to an understanding of the periods of Enlightenment, Storm and Stress, Classicism and the beginning of Romanticism.

Prerequisite or co-requisite of GER 24 or the

equivalent is required.

Credits: 3

On Occasion

GER 33 19th-Century German Literature

This course covers the Romantic movement, its works and aesthetic ideas in addition to the transition to Realism. Representative works of such writers as Kleist, Novalis, E.T.A. Hoffmann, Eichendorff, Heine, Grillparzer, Buchner, Hebbel, Keller are studied.

Prerequisite or co-requisite of GER 24 or the equivalent is required.

Credits: 3

On Occasion

GER 34 Twentieth-Century German Literature

Twentieth-century German writers and literary movements are studied. The authors studied include Brecht, Weiss, Durrenmatt, Frisch, Hesse, Kafka and Boll. Recent developments in German culture and ideas are discussed and emphasized by reading related material.

Prerequisite or co-requisite of GER 24 or the equivalent is required.

Credits: 3

On Occasion

GER 35 Goethe

A study and analysis of Goethe's major works includes an emphasis on his plays and poetry.

Prerequisite or co-requisite of GER 24 or the equivalent is required.

Credits: 3

On Occasion

GER 37 German Lyric Poetry

This course is a detailed analysis of outstanding poems from the Middle Ages to the present.

Prerequisite or co-requisite of GER 24 or the equivalent is required.

Credits: 3

On Occasion

GER 39 Advanced Scientific German

Syntax patterns and terminology characteristic of the German used in scientific and technical works and periodicals is studied. Assignments are adapted to the student's special field.

Prerequisite of GER 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

GER 41 Applied Linguistics Seminar

Application of linguistic science to the German language is studied along with advanced structural analysis and an introduction to etymology and semantics. If possible, should be preceded by Linguistics 12. Required of prospective German teachers.

Credits: 3

On Occasion

GER 51 Beginning German Conversation I

This course is designed for the student to be expressive in social and everyday situations.

Credits: 1.50

On Occasion

GER 52 Beginning German Conversation II

This course is designed for the student to be expressive in social and everyday situations.

Prerequisite of GER 51 is required.

GER 53 Intermediate German Conversation I

This course is a continuation of GER 52. The course provides intensive oral practice.

Prerequisite of GER 52 is required.

Credits: 3

On Occasion

GER 54 Intermediate German Conversation II

This course is a continuation of GER 53. The course provides intensive oral practice.

Prerequisite of GER 53 is required.

Credits: 3

On Occasion

GER 65 The German Novel in the 20th Century

This course covers the reading and analyses of important novelists of the last century; e.g. Mann, Hesse, Kafka, Rilke, Doebelin, Musil, Brock, Grass, Boell, Kant, Seghers.

Same as WLT 65.

Credits: 3

On Occasion

GER 70 Contemporary Culture and Civilization in Germany & Austria

This course examines Germany and Austria today: historical, political, social background, national character, regional differences, art and folklore. A special focus is on a reunited Germany and the "new" Europe. Ample use of audiovisual materials. A free elective for all majors.

Given in English.

Credits: 3

On Occasion

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

Hebrew Courses

HEB 1 Elementary Modern Hebrew I

The fundamentals of modern Hebrew grammar and basic language patterns are covered in this course.

No previous knowledge of Hebrew is required.

Credits: 3

Every Fall

HEB 1C Hebrew for Travelers I

This course covers the vocabulary, expressions and oral practice needed to deal with practical situations in Israel. Limited to students with little or no Hebrew-speaking ability.

Given in Hebrew.

HEB 2 Elementary Modern Hebrew II

This course is a continuation of Hebrew 1 with selected readings.

Prerequisite of HEB 1 with a C- or better grade or the equivalent is required.

Credits: 3

Every Spring

HEB 2C Hebrew for Travelers II

This course covers the vocabulary, expressions and oral practice needed to deal with practical situations in Israel. Limited to students with some Hebrew-speaking ability.

Given in Hebrew.

Prerequisite of HEB 1C with a C- or better grade or the equivalent is required.

HEB 3 Intermediate Modern Hebrew I

This course is a structural review with practice in oral expression and writing in addition to selected readings of short works.

Prerequisite of HEB 2 with a C- or better grade or the equivalent is required.

Credits: 3

Every Fall

HEB 4 Intermediate Modern Hebrew II

This course is a review of major structural problems, composition, continued practice in oral expression, readings in culture and literature of contemporary Israel.

Prerequisite of HEB 3 with a C- or better grade or the equivalent is required.

Credits: 3

Every Spring

HEB 25 Advanced Conversational Hebrew I

This course is intensive in oral practice and expression, oral reports on assigned topics, vocabulary expansion, and a study of the basic phonetics of Hebrew.

Prerequisite of HEB 4 with a C- or better grade is required.

Credits: 3

On Occasion

HEB 26 Advanced Conversational Hebrew II

This course is designed to provide intensive oral practice in Hebrew through the use of dialogues, impromptu and prepared class discussions, and oral reports in addition to teaching students to read Hebrew without vowels.

Prerequisite of HEB 25 or the equivalent is required.

Credits: 3

On Occasion

HEB 32 Contemporary Hebrew Literature I

Representative works of such writers as Agnon, Berkowitz, Barash, Megged, and Shamir are examined. This course is designed to introduce the student to the best in traditional and contemporary Hebrew literature.

Given in Hebrew.

Prerequisite of HEB 4 with a C- or better grade is required.

Credits: 3

On Occasion

HEB 33 Contemporary Hebrew Literature II

This course is a continuation of Hebrew 32. Selections from outstanding Hebrew essayists of the last century are read.

Given in Hebrew.

Credits: 3

On Occasion

HEB 34 Wisdom Literature World Literature

A reading and discussion of two books of the Old Testament, Ecclesiastes and Proverbs, that are part of the Wisdom literary tradition in ancient Israel and in neighboring cultures.

Given in Hebrew.

Prerequisite of HEB 4 with a C- or better grade is required.

Credits: 3

On Occasion

HEB 35 Modern Hebrew Poetry

This course examines the modern poetry of Israel with an emphasis on the works of Bialik, Tchernichowsky and Schneur.

Given in Hebrew.

Prerequisite of HEB 4 with a C- or better grade is required.

Credits: 3

On Occasion

HEB 36 Old Testament Literature

A reading and discussion of two books of the Old Testament, Esther and Ruth, along with a critical study of these Hebrew texts from the standpoint of language, history and content are covered in this course.

Given in Hebrew.

Prerequisite of HEB 4 with a C- or better grade is required.

Credits: 3

On Occasion

HEB 40 Jewish Culture in America

In this course, the modern American Jew is seen through the works of contemporary writers. An examination of writings explores the role of Jews in America, their relationship to the majority group and the resolutions of their anomalies. The works are approached topically: the immigrant culture, the literature of conflict and the alien as presented by authors Kazin, Bellow, Malamud and Roth.

Given in English.

Credits: 3

On Occasion

HEB 41 Holocaust Literature

The literature of the Holocaust conveys that which cannot be transmitted by facts and figures. The course is a critical study of the literature from the standpoint of language and history.

Given in English.

Credits: 3

On Occasion

HEB 42 Contemporary Hebrew Literature

The literature of the Holocaust conveys that which cannot be transmitted by facts and figures. This course is a critical study of the literature from the standpoint of language and history.

Same as WLT 42.

Given in English.

Credits: 3

On Occasion

HEB 43 Masterpieces of Yiddish Literature

The major authors of modern Yiddish literature from the Golden Age of Mendele Moykher Sforim, Sholem Aleichem and I.L. Peretz to the present are studied. The major works of Eastern European cultural centers and the United States are covered. Yiddish literature is included under a Hebrew course since many writers of Yiddish literature also wrote in Hebrew and translations are either Hebrew or Yiddish.

Same as WLT 43.

Given in English.

Credits: 3

On Occasion

HEB 45 Medieval Hebrew Literature

This course studies selections from post biblical works in prose and poetry. The readings are from medieval literature with special reference to Solomon Ibn Gabirol, Moses Ibn Ezra, Judah Halevi and Moses Maimonides.

Same as WLT 45.

Given in English.

Credits: 3

On Occasion

HEB 47 The Book of Genesis

This course is a concentrated study of Genesis against the background of ancient Near Eastern narrative, law and custom. Also included is a discussion of the major themes and concepts in Genesis: God, creation, the world, humankind and the Hebrew people.

Given in English.

Credits: 3

On Occasion

HEB 49 Jewish Mysticism and Hasidism

This course is a study of the Jewish mystical tradition and its writings with special emphasis on the Zohar, Kabbalah and the mystical teachings of the Hasidic masters.

Given in English.

Credits: 3

On Occasion

HEB 60 Family Patterns in Contemporary Israel: A Sociological and Literary Approach

This course is organized around an analysis of social change and its impact on the traditional Jewish family, the Moslem and the Oriental Jew in Israel. The consequences of these changes are examined in Hebrew literature such as the Israeli authors Handel, Shamir, and Megged and in sociological works by Patai, Bettleheim, Rockwell Smith and others.

Credits: 3

On Occasion

Hindi Courses

HIN 1 Elementary Hindi I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3

Every Semester

HIN 2 Elementary Hindi II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HIN 1 is required.

Credits: 3

Every Semester

HIN 3 Intermediate Hindi I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HIN 2 is required.

Credits: 3

Every Semester

HIN 4 Intermediate Hindi II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HIN 3 is required.

Credits: 3

Every Semester

HIN 11 Advanced Hindi I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HIN 4 is required.

Credits: 3

Every Semester

HIN 12 Advanced Hindi II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HIN 4 is required.

Credits: 3

Every Semester

Hungarian Courses

HUN 1 Elementary Hungarian I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3

Every Semester

HUN 2 Elementary Hungarian II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HUN 1 is required.

Credits: 3

Every Semester

HUN 3 Intermediate Hungarian I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HUN 2 is required.

Credits: 3

Every Semester

HUN 4 Intermediate Hungarian II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HUN 3 is required.

Credits: 3

Every Semester

HUN 11 Advanced Hungarian I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HUN 4 is required.

Credits: 3

Every Semester

HUN 12 Advanced Hungarian II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of HUN 4 is required.

Credits: 3

Every Semester

Italian Courses

ITL 1 Elementary Italian I

This course covers the essentials of Italian structure, simple oral expressions, and writing.

Credits: 3

Every Fall, Spring and Summer

ITL 1C Italian for Travelers I

This course introduces students to vocabulary, expressions and oral practice needed for practical situations in Italy. Limited to students with little or no Italian-speaking ability.

Given in Italian.

ITL 2 Elementary Italian II

This course is a continuation of Italian 1. Selected readings are from simple texts.

Prerequisite of ITL 1 with a C- or better grade or the equivalent is required.

Credits: 3

Every Fall, Spring and Summer

ITL 2C Italian for Travelers II

This course continues vocabulary, expressions and oral practice needed to deal with practical situations in Italy. Limited to students with some Italian-speaking ability.

Given in Italian.

Prerequisite of ITL 1C with a C- or better grade or the equivalent is required.

ITL 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.

Prerequisite of ITL 2 with a C- or better grade or the equivalent is required.

Credits: 3

Every Fall

ITL 4 Intermediate Italian II

This course emphasizes reading Italian original prose and reviewing major problems in structure, composition, intensified oral expression.

Prerequisite of ITL 3 with a C- or better grade or the equivalent is required.

Credits: 3

Every Spring

ITL 5 Special Intensive Italian

Primarily for premedical students, this is an intensive course in the essentials of grammar, reading, translation and conversation.

Credits: 4

On Occasion

ITL 6 Scientific Readings in Italian

This course concentrates on specialized readings in Italian that are selected from medical texts.

Credits: 3

On Occasion

ITL 7 Introduction to Italian Culture

This course presents the basic elements of Italian culture through an introduction to Italian language, music, theatre and history.

Given in English.

Credits: 1.50

On Occasion

ITL 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

ITL 11 Selected Readings in Early Italian Literature

This is a course designed to give the student an introduction to the outstanding early works of Italian literature through the reading of sizeable excerpts or brief selections.

Prerequisite of ITL 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

ITL 12 Selected Readings in Modern and Contemporary Italian Literature

This course is devoted to readings of complete texts of selected novels and plays from the last two centuries of Italian literature. Some poetic excerpts are included. ITL 12 may be taken before ITL 11.

Prerequisite of ITL 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

ITL 15 Italian Music Terminology and Conversation

This course provides music majors the tools to master the proper pronunciation of the Italian Language. It will focus on speaking, listening, as well as writing and reading skills, using materials selected from the music culture.

A pre requisite of ITL 3 is required.

Credits: 3

On Occasion

ITL 18 Contemporary Culture and Civilization in Italy

This seminar explores Italy's contemporary culture through the lens of the Italian Cinematographic Comedy, a genre that is deeply ingrained in the country's cultural history. From the Middle Ages to the twenty-first century, Italians have displayed an uncanny talent for narrating the comic aspects of life through short stories, novels, plays, and films. The Italian comedic genius thrives when it deals with situations that in most cultures would be treated as tragedies. However, despite their irreverent approach to the facts of life, Italian comedies aim at very serious goals. By showing how laughing and crying so often go hand in hand, they unveil the contradictions hidden in human existence. Italian cinema, in particular, utilizes the comic style in order to deal with social issues of the utmost importance: war and peace, economic booms and crises, Italian laws, the condition of women, the class struggle, mafia's ruthless power, and so on.

Credits: 3

On Occasion

ITL 23 Advanced Italian Grammar and Composition I

This course is an in-depth review of Italian grammar and syntax focusing on review exercises, writing and composition.

Prerequisite of ITL 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

ITL 24 Advanced Italian Grammar and Composition II

This course is an in-depth review of grammar and syntax with special emphasis on the use of present and past subjunctive. The course focuses on sentence structures, stylistics and composition. ITL 24 may be taken before ITL 23.

Prerequisite of ITL 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

ITL 25 Advanced Italian Conversation

This course covers intensive oral practice and expression, oral reports on assigned topics, vocabulary expansion and a study of the basic phonetics of Italian.

Credits: 3

On Occasion

ITL 26 Italian Culture and Civilization I

Outstanding moments in the geographical, intellectual, historical, political and aesthetic developments of Northern Italy and the Italian Peninsula until the end of the 18th century are studied.

Given in Italian.

Prerequisite of ITL 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

ITL 27 Italian Culture and Civilization II

This course covers the political, social, educational, economic and spiritual aspects and problems of 19th and 20th century Italy. ITL 27 may be taken before ITL 26.

Given in Italian.

Prerequisite of ITL 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

ITL 30 Dante, Petrarca (Petrarch), and Boccaccio

This course is a biographical and historical introduction to the three masters. Selected readings are from Dante's Vita Nuova and La Divina Comedia, Petrarca's Canzoniere, and Boccaccio's Decamerone.

Prerequisite or co-requisite of ITL 24 or the equivalent is required.

Credits: 3

On Occasion

ITL 31 Italian Literature of the Renaissance and

the Baroque Period

Major writers from the 15th through the 17th centuries are studied with special emphasis on the work of Ariosto and Tasso.

Prerequisite or co-requisite of ITL 24 or the equivalent is required.

Credits: 3

On Occasion

ITL 32 Italian Literature of the 18th Century

Selected readings from the works of Goldoni, Parini, and Alfieri are studied.

Prerequisite or co-requisite of ITL 24 or the equivalent is required.

Credits: 3

On Occasion

ITL 33 The Contemporary Italian Novel

This course is a study of major contemporary novelists including Moravia, Bassani, Lampedusa, and Bevilacqua.

Prerequisite or co-requisite of ITL 24 or the equivalent is required.

Credits: 3

On Occasion

ITL 35 The Italian Novel from Manzoni to the Voce Period

After analysis and evaluation of the impact of Manzoni's Promessi Sposi, the course concentrates on a study of the novels of Verga, D'Annunzio and selected major figures of the Voce movement.

Prerequisite or co-requisite of ITL 24 or the equivalent is required.

Credits: 3

On Occasion

ITL 36 Pirandello and the Modern Theatre

This course is a study of the works of the major playwrights of the novecento from Pirandello to the present including Chiarelli, Ugo Betti, Buzzati, and Diego Fabbri.

Credits: 3

On Occasion

ITL 51 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

ITL 52 Beginning Italian Conversation II

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.

Prerequisite of ITL 51 is required.

ITL 53 Intermediate Italian Conversation I

These courses are designed primarily for the non-language major. These courses provide intensive

oral practice in Italian through the use of dramatizations, both impromptu and prepared, class discussions and oral reports.

Prerequisite of ITL 52 is required.

Credits: 3

On Occasion

ITL 54 Intermediate Italian Conversation II

These courses are designed primarily for the non-language major. These courses provide intensive oral practice in Italian through the use of dramatizations, both impromptu and prepared, class discussions and oral reports.

Prerequisite of ITL 53 is required.

Credits: 3

On Occasion

ITL 62 The Italian Poetic Heritage

This course covers a selection of the best in Italy's vast poetic heritage with a special emphasis on Dante, Petrarch, Boccaccio, Ariosto, Tasso, and Leopardi.

Same as WLT 62.

Given in English.

Credits: 3

On Occasion

ITL 70 Contemporary Culture and Civilization in Italy

This course surveys Italian life, thought, folklore, and art; historical, social, and economic backgrounds; and analyzes the national character by focusing on regional differences. Ample use of audiovisual materials. A free elective for all majors.

Given in English.

Credits: 3

On Occasion

ITL 85 Disciplinary Literacy in Italian

The course introduces students to the special ways of looking at texts characteristic of the target language and gives the skills to communicate to others fundamental concepts of reading, writing, listening and speaking in Italian. Students will study the following topics: how to understand and interpret abstract ideas, how to find and use pedagogical literature in foreign language, how to recognize and describe the characteristics of literary texts, how to decode and annotate historical allusions, how to format research materials according to Modern Language Association style, how to interpret and evaluate literacy criticism. Applications will pertain to original works, inherently multicultural.

Prerequisite of ITL 4 with a C- or better grade or the equivalent is required.

Credits: 3

Every Fall

ITL 99 Seminar in Italian Literature: Special Topics

Study of a major author, genre, or literary movement, as determined by the instructor. Course may be taken more than once if topic is different.

Prerequisite of ITL 4 with a C- or better grade or

the equivalent is required.

Credits: 3

On Occasion

Japanese Courses

JPN 1 Elementary Japanese I

This course covers the essentials of Japanese structure, simple oral expressions and writing.

Credits: 3

Every Fall

JPN 1C Japanese for Travelers I

This course covers vocabulary, expressions and oral practice in order to communicate about practical, everyday situations in Japan. Limited to students with little or no Japanese-speaking ability.

Given in Japanese.

JPN 2 Elementary Japanese II

This course is a continuation of Japanese 1.

Prerequisite of JPN 1 with a C- or better grade or the equivalent is required.

Credits: 3

Every Spring

JPN 2C Japanese for Travelers II

This course covers vocabulary, expressions and oral practice in order to communicate about practical, everyday situations in Japan. Limited to students with some Japanese-speaking ability.

Given in Japanese.

Prerequisite of JPN 1C with a C- or better grade or the equivalent is required.

JPN 3 Intermediate Japanese I

This course is a review of structure, practice in oral expression, writing and selected readings.

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.

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 Fall

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

Korean Courses

KOR 1 Elementary Korean I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3

Every Semester

KOR 2 Elementary Korean II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of KOR 1 is required.

Credits: 3

Every Semester

KOR 3 Intermediate Korean I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of KOR 2 is required.

Credits: 3

Every Semester

KOR 4 Intermediate Korean II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of KOR 3 is required.

Credits: 3

Every Semester

KOR 11 Advanced Korean I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language

entrance deficiencies or to fulfill Core requirements.

Prerequisite of KOR 4 is required.

Credits: 3

Every Semester

KOR 12 Advanced Korean II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of KOR 4 is required.

Credits: 3

Every Semester

Latin Courses

LAT 1 Elementary Latin I

This course covers the fundamentals of Latin grammar and syntax. This course stresses vocabulary building, Latin borrowings in English and reading simple Latin prose.

Credits: 3

On Occasion

LAT 2 Elementary Latin II

This course is a continuation of Latin 1. The course includes more intensive reading and an introduction to Roman civilization.

Prerequisite of LAT 1 or the equivalent is required.

Credits: 3

On Occasion

LAT 3 Intermediate Latin I

This course is a review of Latin grammar and syntax and stresses advanced sentence structure. The readings are from Cornelius Nepos, Cicero, Pliny, Phaedrus, and Catullus in addition to an overview of the foundations of Roman civilization.

Prerequisite of LAT 2 or the equivalent is required.

Credits: 3

On Occasion

LAT 4 Intermediate Latin II

This course is a continuation of LAT 3 with the addition of selections from medieval Latin.

Prerequisite of LAT 3 or the equivalent is required.

Credits: 3

On Occasion

LAT 11 Latin Literature I

Readings from Cicero's Correspondence, Ovid's Metamorphoses, Virgil's Aeneid, Tacitus, Germania and selections from Sallust and Livy.

Prerequisite of LAT 4 or the equivalent is required.

Credits: 3

On Occasion

LAT 12 Latin Literature II

Readings from Cicero's Correspondence, Ovid's Metamorphoses, Virgil's Aeneid, Tacitus, Germania and selections from Sallust and Livy.

Prerequisite of LAT 4 or the equivalent is required.

Credits: 3

On Occasion

Linguistics Courses

LIN 11 Comparative Linguistics

This course is an introduction to both historical and descriptive linguistics and the evolution and distribution of the Indo-European group. Included is an analysis of languages more familiar to Western society such as Latin, German, French and a comparison with languages less familiar to Western society such as Chinese, Nahuatl and Tahitian.

Credits: 3

On Occasion

LIN 12 Introduction to Descriptive Linguistics

This course is an introduction to structural linguistics as applied to the study of English and other modern languages. Included in this course are the problems of the phoneme and morpheme.

Credits: 3

On Occasion

LIN 15 Sociolinguistics

This course is an introduction to sociolinguistic concepts: the study of language variation due to social variables such as dialects, registers, sociolects, idelects of language by emphasizing English. Also, this course covers bilingualism, diglossia and languages in contact.

Credits: 3

On Occasion

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 41 Applied Linguistics: English

This course is a study of the application of modern linguistic science to English. Study includes structural analysis, practice in phonemic and morphemic analysis of current American English. Recommended especially for TESOL, Bilingual/Bicultural, and English teachers.

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

Modern Greek Courses

MGR 1 Elementary Modern Greek I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3

Every Semester

MGR 2 Elementary Modern Greek II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of MGR 1 is required.

Credits: 3

Every Semester

MGR 3 Intermediate Modern Greek I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of MGR 2 is required.

Credits: 3

Every Semester

MGR 4 Intermediate Modern Greek II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of MGR 3 is required.

Credits: 3

and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3

Every Semester

PLH 2 Elementary Polish II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PLH 1 is required.

Credits: 3

Every Semester

PLH 3 Intermediate Polish I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PLH 2 is required.

Credits: 3

Every Semester

PLH 4 Intermediate Polish II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PLH 3 is required.

Credits: 3

Every Semester

PLH 11 Advanced Polish I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PLH 4 is required.

Credits: 3

Every Semester

PLH 12 Advanced Polish II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination

administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PLH 4 is required.

Credits: 3

Every Semester

Portuguese Courses

PRT 1 Elementary Portuguese I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3

Every Semester

PRT 2 Elementary Portuguese II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PRT1 is required.

Credits: 3

Every Semester

PRT 3 Intermediate Portuguese I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PRT 2 is required.

Credits: 3

Every Semester

PRT 4 Intermediate Portuguese II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PRT 3 is required.

Credits: 3

Every Semester

PRT 11 Advanced Portuguese I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class

tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PRT 4 is required.

Credits: 3

Every Semester

PRT 12 Advanced Portuguese II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of PRT 4 is required.

Credits: 3

Every Semester

PRT 21 Portuguese for Speakers of Spanish

This Portuguese course is a linguistic introduction that utilizes the techniques of applied linguistics. A good working knowledge of Spanish (or fluency in Spanish) can transfer to an equivalent knowledge of Portuguese.

Credits: 1

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.

Credits: 3

Every Fall

RUS 1C Russian for Travelers I

In order to be understood in Russian-speaking countries, this course covers vocabulary, expressions and the oral practice needed for practical situations. Limited to students with little or no Russian-speaking ability.

Given in Russian.

RUS 2 Elementary Russian II

This course is a continuation of Russian 1.

Prerequisite of RUS 1 or the equivalent is required.

Credits: 3

Every Spring

RUS 2C Russian for Travelers II

Vocabulary, expressions and the oral practice necessary for practical situations in Russian-speaking countries are covered in this course. Limited to students with some Russian-speaking ability.

Given in Russian.

Prerequisite of RUS 1C or the equivalent is required.

RUS 3 Intermediate Russian I

This course is a review of structure, practice in oral expression and writing and selected readings.
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.
Prerequisite of RUS 3 or the equivalent is required.
Credits: 3
Every Spring

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 46 Russian Literature from 1800-1917

This course covers Russian literature and its development in the 19th century. Lectures and readings include major trends and authors such as Pushkin, Gogol, Lermontov, Turgenev, Tolstoy, Dostoyevsky, and Chekhov.
 Same as WLT 46.
 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, Mayakovsky, Babel, Bulgakov, Sholokhov, Zamiatin, Pasternak, Yevtushenko, Voznesenski, and Solzhenitsyn.
 Same as WLT 47.
 Given in English.
Credits: 3
On Occasion

RUS 48 Dostoevsky

This course is an analysis of Dostoevsky's work on a structural and thematic basis that includes the author's theories on art, literature, philosophy, and religion. A free elective for all majors.
 Same as WLT 48.
 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

RUS 70 Contemporary Culture and Civilization in Russia

This course covers Russian life, thought, and the arts by emphasizing the historical, political, social, religious and philosophical background, the national character and the regional differences. The course emphasizes the "new" Russia and its roots. A free elective for all majors.
 Given in English.
Credits: 3
On Occasion

Serbo-Croatian Courses

SER 1 Elementary Serbo-Croatian I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.
Credits: 3
Every Semester

SER 2 Elementary Serbo-Croatian II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.
Prerequisite of SER 1 is required.
Credits: 3
Every Semester

SER 3 Intermediate Serbo-Croatian I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.
Prerequisite of SER 2 is required.
Credits: 3
Every Semester

SER 4 Intermediate Serbo-Croatian II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.
Prerequisite of SER 3 is required.
Credits: 3
Every Semester

SER 11 Advanced Serbo-Croatian I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.
Prerequisite of SER 4 is required.
Credits: 3

Every Semester

SER 12 Advanced Serbo-Croatian II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of SER 4 is required.

Credits: 3

Every Semester

Spanish Courses

SPA 1 Elementary Spanish I

This course covers the essentials of Spanish structure, simple oral expression, and writing.

Credits: 3

Every Fall, Spring and Summer

SPA 1C Spanish for Travelers I

This course covers vocabulary, expressions and oral practice necessary for practical situations in Spanish-speaking countries. The course is limited to students with little or no Spanish-speaking ability. Given in Spanish.

SPA 2 Elementary Spanish II

This course is a continuation of Spanish 1.

Prerequisite of SPA 1 with a C- or better grade or the equivalent is required.

Credits: 3

Every Fall, Spring and Summer

SPA 2C Spanish for Travelers II

This course covers vocabulary, expressions and oral practice necessary for practical situations in Spanish-speaking countries. Limited to students with some Spanish-speaking ability. Given in Spanish.

Prerequisite of SPA 1C with a C- or better grade or the equivalent is required.

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.

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.

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 English.

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 12 Introduction to Spanish-American Literature

This course emphasizes the readings of several works by Spanish American authors. Vocabulary building, oral expression and comprehension are stressed. SPA 12 may be taken before SPA 11.

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 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 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 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

SPA 28 Writing through Literature, Literature through Writing

This course integrates interpretation of literary texts and the development of writing skills in order to produce analytical essays in Hispanic literature. Vocabulary building, effective prose, literary

concepts, stylistic devices, grammar and research are stressed.

Pre requisite of SPA 4 or equivalent is required

Credits: 3

On Occasion

SPA 29 Advanced Grammar and Writing Skills

This is an advanced writing course that demonstrates how the study of Spanish grammar, syntax and critical thinking skills is the foundation for producing analytical papers in literature courses. The course will focus on effective prose, stylistic devices and structure of texts and essays.

6 units of WAC Spanish courses are required.

Credits: 3

On Occasion

SPA 30 The Picaresque Novel

From its origins, the department of the picaresque novel in Spain and the Lazarillo de Tormes through the 16th and 17th centuries are examined in this course. A comparative analysis of this type of novel in Spain, France and other European countries is also studied.

Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 31 20th-Century Spanish-American Novel

This course is a study of the novels of such 20th-century authors as Azuela, Asturias, Rulfo, Gallegos, Guiraldes, Icaza, Algria, Barrios, Borges and Cortazar.

Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 32 Spanish Literature of the Middle Ages and the Renaissance

This course studies the development of Spanish literature from the Middle Ages through the 16th century with an emphasis on El Poema del Cid, La Celestina and the poetry of Garcilaso de la Vega. Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 33 Theatre of the Golden Age

This course is a study of the Spanish theatre from its origin through the Golden Age with an emphasis on Lope de Vega, Tirso and Calderon. Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 34 Evolution of the Short Story in Hispanic America

The course explores tendencies, themes, literary periods, and major writers and works which define and characterize the short story in Hispanic America. The course includes writers such as Horacio Quiroga, Jorge Luis Borges, Juan Rulfo, Julio Cortazar, Garcia Marquez, Roasrio Ferre and Luisa Valenzuela.

Pre requisite of SPA 4 is required

Credits: 3

On Occasion

SPA 35 Cervantes

This course is a brief introduction to the life and work of Cervantes with an emphasis on the more important parts of the two books of Don Quixote. Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 36 19th-Century Spanish Literature

This course is an introduction to the major Spanish authors of the Romantic period and 19th-century Realism.

Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 37 Spanish Literature of the 20th Century

This course is an introduction to the major authors of Spanish literature from the Generation of 1898 to the Spanish Civil War. The authors studied are Antonio Machado, Juan Roman Jimenez, Valle-Inclan, Baroja, Unamuno, among others and the most representative writers of the Civil War period. Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 38 Spanish-American Literature I

This course is a study of narrative prose, essays, theatre and poetry from the Colonial period to the Modernist movement. The themes of literature in the Baroque, Enlightenment, Romantic, Realist and Naturalist periods are analyzed.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 39 Spanish-American Literature II

The themes of the prose, poetry, essays, and theatre of this literature from the Modernist movement to the present are analyzed in this course. Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 40 Seminar in Spanish and Spanish-American Literature

These seminars and guided research are designed to complete the students, knowledge of the development of Spanish literature and to develop skills in critical analysis. This course is conducted by a research director who schedules independent conferences.

Credits: 3

On Occasion

SPA 41 Applied Linguistics Seminar

This course is required of prospective Spanish teachers. The application of modern linguistic science to the Spanish language is examined. The course covers advanced structural analysis and practice in phonemic and morphemic contrast. If possible, this course should be preceded by Linguistics 12.

Credits: 3

On Occasion

SPA 42 Contemporary Spanish Literature

This course is a study of the different trends in Spanish literature from 1936-39 to the present. The course analyzes the work of the most representative authors: the novelists Cela, Laforet, Delibes, Zunzunequi; the poets Jorge Guillen, Pedro Salinas, Miguel Hernandez, Jose Hierro and Blas Otero. Some literary essays are included.

Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 43 The Contemporary Spanish Theatre

This course covers the development of the contemporary Spanish theater from Garcia Lorca to the works of Casona, Buero Vallejo, Lopez Rubio, Jardiel Poncela, Mihura, Sastre and others.

Given in Spanish.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 44 Spanish-American Women Writers

From the Colonial period to the present, this course is an overview of the major female authors in Spanish America.

Prerequisite or corequisite of SPA 23 and/or 24 is required.

Credits: 3

On Occasion

SPA 45 The New Novel in Latin America

A study of the major works and writers of the 1970s and 1980s. To include writers such as Manuel Puig, Mario Vargas Llosa, Isabel Allende and Rosario Ferre.

Given in Spanish.

Credits: 3

On Occasion

SPA 46 Literary Translation (Spanish to English)

This course is a study of the theory and practice of the art of translation. Presented in this course are strategies available to the translator to convey the essence of a work of fiction or poetry from one literary culture to another.

Credits: 3

On Occasion

SPA 47 Latin-American Women Poets

This course introduces students to the feminist discourse of women poets in Latin America from 1900 to 1940. Students will interpret and apply gender theory in order to analyze critically the development of a new feminist voice in poetry. Topics include social construction of gender, patriarchy, traditional views versus new woman, motherhood, and sexuality. Students will also learn how to decode poetry and language devices, and how to integrate both approaches in writing. The course studies poets such as Delmira Agustini, Gabriela Mistral, Alfonsina Storni, Juana de Ibarbourou, Clara Lair and Julia de Brugos.

Credits: 3

On Occasion

SPA 48 Latino Literature in America

This course introduces students to Latino writers who portrays biculturalism as a statement of Latino identity in they United States. Students apply Latino theory to analyze the development of new voices of writers whose cultural and political agenda attempts to represent the Latino communities in literature. Topics include: Immigration, bilingualism, Latinos as foreigners, assimilation, old and new country roots, social mobility, generational differences, national pride, the American dream, and contribution to America. Representative authors include: Richard Rodriguez, Julia Alvarez, Sandra Cisneros, Esmeralda Santiago, Junot Diaz, Nilo Cruz, Cristina Garcia, Rodolfo Anaya.

Prerequisites of SPA 23 and 24 are required.

Credits: 3

On Occasion

SPA 49 Hispanic Caribbean Literature

The course studies trends, themes, literary periods, and major writers and works which represent the literature of Cuba, Dominican Republic and Puerto Rico from the 20th century to the present day. The course focuses on literature and its relationship to colonialism, dictatorships, popular culture, immigration and gender identity.

Pre requisite of SPA 11 or above is required

Credits: 3

On Occasion

SPA 51 Beginning Spanish Conversation for Non-Majors I

This course is recommended for students in nursing, psychology, sociology, business administration or criminal justice. This accelerated course for beginners is designed to provide conversational adequacy in the Spanish language encountered in social and everyday situations. This

course provides a basic vocabulary in order to converse. An aural-oral approach is used.

Credits: 3

On Occasion

SPA 52 Beginning Spanish Conversation for Non-Majors II

This course is a continuation of Spanish 51. This course is recommended for students (who have some knowledge of Spanish) in the fields of nursing, psychology, sociology, criminal justice or business administration who wish to concentrate on using the language.

Credits: 3

On Occasion

SPA 53 Intermediate Spanish Conversation for Non-Majors I

Through the use of dialogues, impromptu and prepared class discussions and oral reports, this course is designed for non-language majors to offer intensive oral practice in Spanish. This course is recommended for students in the fields of nursing, psychology, sociology, business administration and criminal justice. Spanish majors may take only as an elective course.

Prerequisite of SPA 52 or 2 with a C- or better grade or the equivalent are required.

Credits: 3

On Occasion

SPA 54 Intermediate Spanish Conversation for Non-Majors II

Through the use of dialogues, impromptu and prepared class discussions and oral reports, this course is designed for non language majors to offer intensive oral practice in Spanish. This course is recommended for students in the fields of nursing, psychology, sociology, business administration and criminal justice. Spanish majors may take only as an elective course.

Prerequisite of SPA 52 or 2 with a C- or better grade or the equivalent are required.

Credits: 3

On Occasion

SPA 70 Contemporary Culture and Civilization in Spain

This course is an examination of Spanish: life, thought, folklore and art; historical, social, and economic backgrounds; an analysis of the salient features of the national character and a focus on regional differences. Ample use of audiovisual materials. A free elective for all majors.

Given in English.

Credits: 3

On Occasion

SPA 71 Contemporary Culture and Civilization in Latin America

This course examines Latin America: life, thought, art and folklore; historical, social, and economic backgrounds; regional similarities and contrasts. Ample use of audiovisual materials. A free elective for all majors.

Given in English.

Credits: 3

On Occasion

SPA 72 Spanish Literature from Middle Ages to the 19th Century

This course examines the masterpieces of Peninsular and Spanish-American literature in English translation such as the Poem of the Cid, picaresque novels, Golden Age drama (Lope de Vega and Calderon) and the 19th century novel. Spanish-American figures such as Sarmiento, Jose Marti and Ruben Dario are also presented.

Same as WLT 72.

Given in English.

Credits: 3

On Occasion

SPA 73 Hispanic Literature of the 20th Century

This course examines masterpieces of Spanish and Spanish-American literature in English translation. The course emphasizes major authors such as Unamuno, Ortega y Gasset, Garcia Lorca, Borges, Neruda, Garcia-Marquez.

Same as WLT 73.

Given in English.

Credits: 3

On Occasion

SPA 85 Disciplinary Literacy in Spanish

The course introduces students to the special ways of looking at texts characteristic of the target language and gives the skills to communicate to others fundamental concepts of reading, writing, listening and speaking in Spanish. Students will study the following topics: how to understand and interpret abstract ideas, how to find and use pedagogical literature in foreign language, how to recognize and describe the characteristics of literary texts, how to decode and annotate historical allusions, how to format research materials according to Modern Language Association style, how to interpret and evaluate literacy criticism. Applications will pertain to original works, inherently multicultural.

Prerequisite of SPA 4 with a C- or better grade or the equivalent is required.

Credits: 3

Every Fall

SPA 99 Seminar in Spanish Literature: Special Topics

Study of a major author, genre, or literary movement, as determined by the instructor. Course may be taken more than once if topic is different.

Prerequisite of SPA 4 with a C- or better grade or the equivalent is required.

Credits: 3

On Occasion

Swahili Courses

SWA 1 Elementary Swahili I

This course is part of Critical Languages Program.

entrance deficiencies or to fulfill Core requirements.

Prerequisite of TUR 2 or the equivalent is required.

Credits: 3

Every Semester

TUR 4 Intermediate Turkish II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of TUR 3 or the equivalent is required.

Credits: 3

Every Semester

TUR 11 Advanced Turkish I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of TUR 4 or the equivalent is required.

Credits: 3

Every Semester

TUR 12 Advanced Turkish II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of TUR 4 or the equivalent is required.

Credits: 3

Every Semester

Vietnamese Courses

VIE 1 Elementary Vietnamese I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3

Every Semester

VIE 2 Elementary Vietnamese II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination

administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of VIE 1 or the equivalent is required.

Credits: 3

Every Semester

VIE 3 Intermediate Vietnamese I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of VIE 2 or the equivalent is required.

Credits: 3

Every Semester

VIE 4 Intermediate Vietnamese II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of VIE 3 or the equivalent is required.

Credits: 3

Every Semester

VIE 11 Advanced Vietnamese I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of VIE 4 or the equivalent is required.

Credits: 3

Every Semester

VIE 12 Advanced Vietnamese II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of VIE 4 or the equivalent is required.

Credits: 3

Every Semester

World Literature Courses

WLT 5 Contemporary Literature

This course examines readings from England,

America and foreign literary works of the contemporary period since 1950.

Credits: 3

On Occasion

WLT 7 World Literature I: From Antiquity to the Renaissance

This course is an introduction to the foundations of Western culture reflected in a series of literary masterpieces written during Antiquity, the Middle Ages, and the Renaissance. Its 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 perception of the world. The works that it includes, drawn from such major authors as Homer, Dante, and Shakespeare, are not only selected for their interest as major cultural documents of the Western world and for their stylistic innovations, but also for their insights into basic social problems that still confront us today.

Selected works from non-Western cultures might be introduced for comparison. Students who complete both ENG 7 and ENG 8 fulfill the Core requirement in literature or language.

Same as ENG 7.

Prerequisites of ENG 1 and ENG 2 are required.

Not open to students who have taken ENG 303.

Credits: 3

Every Fall, Spring and Summer

WLT 8 World Literature II: From the Enlightenment to the Present

This course provides an introduction to some of the most brilliant writing in the Western world from the late seventeenth century to the present. Its purpose is to examine a set of literary masterpieces by such writers as Molière, Voltaire, Mary Shelley, Flaubert, Dostoyevsky, Conrad, Joyce, and Beckett for their insights into human nature and society. Its list of readings is drawn from the five intellectual movements that begin after the Renaissance and culminate in our own time. These include: the Enlightenment (1660-1770); the Romantic Movement (1770-1856); Nineteenth-Century Realism (1856-1900); Modernism (1900-1945); and the Contemporary Period (1945-the present). Texts will be examined in light of the intellectual, social, literary, and political contexts in which they developed. Selected works from non-Western cultures might be introduced for comparison. Students who complete both ENG 7 and ENG 8 fulfill the Core Requirement in literature or language.

Same as ENG 8.

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

WLT 11 English Literature: Anglo-Saxon Period to Early Modern

This course will look back to the very beginnings of

British literature and language to trace the birth of literary forms and ideas that still preoccupy and excite today: the memoir, the novel, the love story, the narrative of pilgrimage. The survey will begin with such foundational texts as Beowulf and Sir Gawain and the Green Knight and continue through to the early modern period in the 17th century, taking in masterworks by writers such as Chaucer, Spenser, Marlowe, Shakespeare, Donne, Milton, and Congreve. All of the readings will be considered in a literary and historical context so that the student will gain an understanding of the cultural and philosophical influences that shaped the texts.

Same as ENG 11.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

Every Fall

WLT 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, Post-colonialism, and Minimalism. Some possible authors include Hawthorne, Poe, Twain, Flaubert, Chekov, James, Joyce, Lawrence, Mansfield, Faulkner, Kafka, Hemingway, O'Connor, Walker, Beattie, Carver, and Lahiri.

Same as ENG 13.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

WLT 15 Modern Drama

What caused the major revolution in play-writing that occurred in the second half of the nineteenth century? Audiences were both shocked and fascinated to find that, instead of watching lavish musical revues and broadly comic farces, they were now peering into the homes of stage characters whose lives and problems resembled their own experiences. Henrik Ibsen, a Norwegian, focused attention on self-definition of characters who were wrestling with subjects never before staged, such as commercial fraud, sexually transmitted disease, and the day-to-day role-playing that characterizes many marriages. Other playwrights from different countries, followed, among them August Strindberg, Oscar Wilde, George Bernard Shaw and Anton Chekhov. Each of them added distinctive elements, each forging his own artistic signature. And the presentation of dramatic situations close to real-life experiences continued to

develop through the first half of the twentieth century, expressed in different styles in the works of Eugene O'Neill, Arthur Miller and Tennessee Williams. Readings include the major works of the period as students explore the variety of philosophical approaches and their relationship to the anatomy of the plays, as well as different staging and performance practices.

Same as ENG 15.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

WLT 16 The Modern Novel

First emerging in the unstable and traumatic historical period immediately preceding World War I and following it, the modern novel decidedly broke with the realist genre preceding it through challenging and often breathtaking experiments with narrative form. Frequently presenting the reader with bewildering shifts in time and narrative perspective and exhibiting a preference for the interior psychological landscapes of its characters, modern novels often possess 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.

Possible authors covered in the class include:

Conrad, Joyce, Woolf, Lawrence, Faulkner, Kafka, and Rhys.

Same as ENG 16.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

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 22 Short Works of Italian Literature

This course analyzes short readings by major Italian authors such as Calvino, Levi, Lampedusa and

Bedini with emphasis on how foreign language influences literature and culture.

Given in English.

Credits: 1.50

On Occasion

WLT 23 Short Works of Spanish Literature

This course analyzes short readings by major Spanish authors such as Allende, Quiroga, Borges and Marquez with emphasis on how foreign language influences literature and culture.

Given in English.

Credits: 1.50

On Occasion

WLT 24 Short Works of German Literature

This course analyzes short readings by major German authors such as Goethe, Grass, Hoffmann, Mann and Tieck with emphasis on how foreign language influences literature and culture.

Given in English.

Credits: 1.50

On Occasion

WLT 37 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 who embody the values and aspirations of his or her respective cultures. Literature and film are emphasized as vehicles for expressing societal ideals.

Credits: 3

On Occasion

WLT 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 RUS 38.

Given in English.

Credits: 3

On Occasion

WLT 39 Horror in Literature

This course is an analysis of the development of horror in world literature. The course focuses on discussion of horror as a pervasive element, expressing the values and aspirations of many cultures from ancient times to the present.

Credits: 3

On Occasion

WLT 42 Contemporary Hebrew Literature

The literature of the Holocaust conveys that which cannot be transmitted by facts and figures. This course is a critical study of the literature from the standpoint of language and history.

Same as HEB 42.

Given in English.

Credits: 3

On Occasion

WLT 43 Masterpieces of Yiddish Literature

The major authors of modern Yiddish literature

from the Golden Age of Mendele Moykher Sforim, Sholem Aleichem and I.L. Peretz to the present are studied. The major works of Eastern European cultural centers and the United States are covered. Yiddish literature is included under a Hebrew course since many writers of Yiddish literature also wrote in Hebrew and translations are either Hebrew or Yiddish.

Same as HEB 43.

Given in English.

Credits: 3

On Occasion

WLT 45 Hebrew Medieval Literature

This course studies selections from post biblical works in prose and poetry. The readings are from medieval literature with special reference to Solomon Ibn Gabirol, Moses Ibn Ezra, Judah Halevi and Moses Maimonides.

Same as HEB 45.

Given in English.

Credits: 3

On Occasion

WLT 46 Russian Literature from 1800-1917

This course covers Russian literature and its development in the 19th century. Lectures and readings include major trends and authors such as Pushkin, Gogol, Lermontov, Turgenev, Tolstoy, Dostoyevsky, and Chekhov.

Same as RUS 46.

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, Zamiatin, Pasternak, Yevtushenko, Voznesenski, and Solzhenitsyn.

Same as RUS 47.

Given in English.

Credits: 3

On Occasion

WLT 48 Dostoevsky

This course is an analysis of Dostoevsky's work on a structural and thematic basis that includes the author's theories on art, literature, philosophy, and religion. A free elective for all majors.

Same as RUS 48.

Given in English.

Credits: 3

On Occasion

WLT 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 RUS 49.

Given in English.

Credits: 3

On Occasion

WLT 50 Great Plays

This course aims to engage the student in the consideration of the unique qualities of performed work. The interrelationship of drama to religious practices, the establishment of ritual and the demand for entertainment coalesce into something that is a distinctive ingredient of every culture. The broad perspective considers both Greek tragedy and comedy, juxtaposed with medieval farce; as well as blood-curdling Renaissance tragedies and sexually charged Restoration comedies, proletarian morality plays and compelling views of modern emancipated life. All of these provide a rich landscape against which we consider the unique qualities of drama, as well as the ways in which performance reaches a broad audience. What is the relationship of the playwright to his or her audience? What are the most effective ways to convert the viewers and readers to the playwright's value scheme? Readings may include works of Sophocles, Aristophanes, Shakespeare, Ibsen, Chekhov and O'Neill.

Same as ENG 50.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

Credits: 3

On Occasion

WLT 52 The Bible as Literature

This course is study of the Bible as a literary masterpiece. The course covers such works as Genesis, Exodus, Job, Psalms, Ecclesiastes, the Song of Solomon, Isaiah, the Gospels, and the Epistles of Paul.

Same as ENG 52.

Prerequisite of ENG 10 required for all English majors. Prerequisite of ENG 1 & 2 required for all non-majors.

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 Gide, Mauriac, Ionesco, Beckett, Malraux, Proust, Anouilh, Sartre and Camus.

Same as FRE 56.

Given in English.

Credits: 3

On Occasion

WLT 62 The Italian Poetic Heritage

This course covers a selection of the best in Italy's vast poetic heritage with a special emphasis on Dante, Petrarch, Boccaccio, Ariosto, Tasso, and Leopardi.

Same as ITL 62.

Given in English.

Credits: 3

On Occasion

WLT 65 The German Novel in the 20th Century

This course covers the reading and analyses of important novelists of the last century; e.g. Mann, Hesse, Kafka, Rilke, Doebelin, Musil, Brock, Grass, Boell, Kant, Seghers.

Same as GER 65.

Credits: 3

On Occasion

WLT 72 Spanish Literature from the Middle Ages to the 19th Century

This course examines the masterpieces of Peninsular and Spanish-American literature in English translation such as the Poem of the Cid, picaresque novels, Golden Age drama (Lope de Vega and Calderon) and the 19th-century novel. Spanish-American figures such as Sarmiento, Jose Marti and Ruben Dario are also presented.

Same as SPA 72.

Given in English.

Credits: 3

On Occasion

WLT 73 Hispanic Literature of the 20th Century

This course examines masterpieces of Spanish and Spanish-American literature in English translation. The course emphasizes major authors such as Unamuno, Ortega y Gasset, Garcia Lorca, Borges, Neruda, Garcia-Marquez.

Same as SPA 73.

Given in English.

Credits: 3

On Occasion

Yiddish Courses

YID 1 Elementary Yiddish I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Credits: 3

Every Semester

YID 2 Elementary Yiddish II

This course is part of Critical Languages Program.

Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite YID 1 or the equivalent is required.

Credits: 3

Every Semester

YID 3 Intermediate Yiddish I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of YID 2 or the equivalent is required.

Credits: 3

Every Semester

YID 4 Intermediate Yiddish II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of YID 3 or the equivalent is required.

Credits: 3

Every Semester

YID 11 Advanced Yiddish I

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of YID 4 or the equivalent is required.

Credits: 3

Every Semester

YID 12 Advanced Yiddish II

This course is part of Critical Languages Program. Course work includes at least thirty hours of in-class tutoring in the target language by a heritage speaker and successful completion of a final examination administered by a different heritage speaker. This course cannot be used to satisfy foreign language entrance deficiencies or to fulfill Core requirements.

Prerequisite of YID 4 or the equivalent is required.

Credits: 3

Every Semester

DEPARTMENT OF HISTORY

Phone: 516-299-2407

Department Chair: Associate Professor Attie
 Associate Professor: Diehl (Graduate Director),
 Hiatt, Tambor
 Adjunct Faculty: 11

The undergraduate major in history offers excellent preparation for careers in teaching, law, journalism, business, and government service. History majors receive a broad grounding in historical knowledge and develop such vital skills as research, analysis and writing. History faculty members teach a wide range of courses in American, European and world history. The Department of History offers the Bachelor of Arts degree in History and an accelerated program resulting in a B.A. in History and M.S. in Adolescence Education: Social Studies (Pedagogy-only). In conjunction with the College of Education, Information and Technology, the Department offers a B.S. in Early Childhood Education (Birth to Grade 2) and the B.S. in Childhood Education (Grade 1 to 6) with concentrations in American Studies, History and Social Studies, and the B.S. in Adolescence Education with a concentration in Social Studies. This last degree will satisfy the requirements for initial certification to teach Social Studies in grades 7 to 12.

All B.A. history majors are required to take the Sophomore Seminar in Historical Methods (HIS 197) and the Senior Seminar in Historical Research (HIS 198), for which they will write a senior thesis. Students intending to pursue advanced degrees in history are encouraged to include a foreign language in their undergraduate program. An academic counselor is available for academic planning and to refer them to appropriate faculty members or career counselors.

B.A. in History

History majors receive broad education in historical knowledge and develop critical skills in research, analysis and writing. The 120-credit Bachelor of Arts in History covers the foundations of Western and American civilization, from the ancient world to contemporary America. As part of the program, majors take a seminar in their sophomore year that provides training in the analysis of historical documents. In the fall semester of the senior year, majors take the "capstone" course in which they hone their research skills and produce a well-argued historical essay.

The B.A. in History provides a strong foundation for a number of career options including education, public service, publishing, business and museum work. History is often chosen as a major by students who plan to enter a profession that requires postgraduate education, such as law, business administration, librarianship,

journalism or public policy. Graduate programs in these fields give preference to students who have developed a broad perspective on human problems and who have had training in the analysis of complex issues. A history major is excellent preparation for further study of history at the graduate level.

For students who wish to become history or social studies teachers, the Department of History and the Department of Curriculum and Instruction offer undergraduate and graduate programs in Early Childhood Education (Birth to Grade 2); Childhood Education (Grades 1 to 6); Middle Childhood Education (Grades 5 to 9); and Adolescence Education (Grades 7 to 12).

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.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in History

{Program Code: 07084}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in History must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits (3 credits satisfied in major)
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required History Courses

All of the following:

HIS 197	Sophomore Seminar in Historical Methods	3.00
HIS 198	Senior Seminar in Historical Research	3.00

AND two of the following:

HIS 1	The West and the World to 1750	3.00
HIS 2	The West and the World Since 1750	3.00
HIS 3	American Civilization to 1877	3.00
HIS 4	American Civilization Since 1877	3.00
HIS 7	Roots of the Modern World	3.00
HIS 8	Roots of the Modern World: Wars and Revolutions	3.00
HIS 9	Roots of the Modern World: Migrations	3.00
HIS 10	Roots of the Modern World: Religion	3.00
HIS 11	Roots of the Modern World: Nature	3.00
HIS 12	Roots of the Modern World: Gender	3.00
HIS 13	Roots of the Modern World: Science	3.00
HIS 14	Roots of the Modern World: Empires and Nations	3.00

Elective History Courses

Eight of the following:

HIS 105	Historical Perspectives	3.00
HIS 106	Methods and Practice of Public History	3.00
HIS 110	The Early Modern Atlantic World, 1450-1800	3.00
HIS 111	Colonial America	3.00
HIS 112	The American Revolution	3.00
HIS 113	Jacksonian America	3.00
HIS 114	The Old South	3.00
HIS 115	The Era of Civil War and Reconstruction, 1848-1877	3.00
HIS 116	American Society and Culture, 1876-1919	3.00
HIS 117	The United States 1920-1945: From the Jazz Age to Total War	3.00
HIS 118	The United States Since 1945: The Age of the American Colossus	3.00
HIS 119	History of International Relations Since 1815	3.00
HIS 120	African American History	3.00

HIS 121	The Peopling of the United States	3.00
HIS 122	American Urban History	3.00
HIS 123	Gender in American History	3.00
HIS 124	The American West	3.00
HIS 125	U.S. Environmental History	3.00
HIS 126	Resistance and Rebellion in America	3.00
HIS 128	History of American Capitalism	3.00
HIS 130	19th Century American Culture	3.00
HIS 132	American Popular Culture Since 1900	3.00
HIS 136	Disease and History	3.00
HIS 138	History of American Militarism	3.00
HIS 140	The Ancient Middle East	3.00
HIS 141	Ancient Greece and the Mediterranean World	3.00
HIS 142	The Roman Empire	3.00
HIS 143	Monks, Saints, and Heretics: Medieval Religion	3.00
HIS 144	Medieval Europe	3.00
HIS 145	Early Modern Europe	3.00
HIS 149	Love and Hate in the Middle Ages	3.00
HIS 150	The French Revolution	3.00
HIS 151	European Cultural History, 1600-1789	3.00
HIS 152	European Women in the Age of Revolutions	3.00
HIS 153	The Family in Early Modern Europe	3.00
HIS 160	Nineteenth-Century Europe	3.00
HIS 161	Europe Since 1945	3.00
HIS 162	Age of Catastrophes: Europe 1914-1945	3.00
HIS 163	Nazi Germany	3.00
HIS 164	History as Film: European Cinema in the 20th Century	3.00
HIS 168	Russia since 1917	3.00
HIS 180	History of Israel and Palestine	3.00

HIS 182	Latin American History and Film	3.00
HIS 183	History of the Middle East	3.00
HIS 184	The Making of Modern Japan, 1660 to the Present	3.00
HIS 185	Modern China, 1839 to the Present	3.00
HIS 186	History of Latin America, 1000 AD to 1810 AD	3.00
HIS 187	History of Modern Latin America	3.00
HIS 188	Political Violence, "Dirty Wars," and Truth Commissions in Latin America	3.00
HIS 189	Andean History, Culture and Politics	3.00
HIS 190	Seminar in History	3.00
HIS 191	Internship in Public History	3.00
HIS 201	History and the Bible	3.00
HIS 212	History of Central Asia	3.00
HIS 359	Honors Advanced Elective	3.00
HIS 360	Honors Advanced Elective	3.00
HIS 385	Honors Tutorial	3.00
HIS 386	Honors Tutorial	3.00
HIS 389	Honors Thesis	3.00
HIS 390	Honors Thesis	3.00
HIS 400	State, Society, and the Individual: Hoxie Colloquium	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 90
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

ACCELERATED PROGRAMS

B.A. in History / M.S. in Adolescence Education: Social Studies (Pedagogy Only)

This program leads to the Bachelor of Arts in History and the M.S. in Adolescence Education: Social Studies (Pedagogy-only) in only five years, a full year less than if the two degrees were pursued separately. Graduates of the accelerated

B.S./M.S. program will be qualified for New York State certification as social studies teachers in public and private high schools. Required credits for this accelerated degree program range from 141 to 144.

The accelerated degree is a joint program between LIU Post's College of Education, Information and Technology and the College of Liberal Arts and Sciences. The teacher-education programs in LIU Post's Department of Curriculum and Instruction are nationally accredited by the Teacher Education Accreditation Council (TEAC).

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. Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. When students have completed fewer than 24 credits, they must also submit high school transcripts and SAT/ACT scores.
- Admission to the upper division of the B.A. in History/M.S. in Adolescence Education: Social Studies (Pedagogy-only) requires completion of at least 60 credits with a grade point average of no lower than 3.0 (B) overall, a Social Studies grade point average of no lower than 3.0 (B) and Education grade point average of no lower than 2.75 (B). Admission requires acceptance of the student by the graduate director in the Department of History.

B.A. in History/M.S. in Adolescence Education: Social Studies (Pedagogy-only)

{Program Code: 33197}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in History/M.S. in Adolescence Education: Social Studies (Pedagogy-only) must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (6 credits from POL 2, 3, 303 or 304 required)
Fine Arts	3 credits
History/Philosophy	6 credits (3 credits satisfied in major)
Laboratory Science	8 credits
Language/Literature	9 credits (3 credits of Language required by major; 6 credits of Literature required by major)

Mathematics 3 - 4 credits
 Social Sciences 6 credits (GGR 1 and 2)
 For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Undergraduate History Courses

All of the following:

HIS 197	Sophmore Seminar in Historical Methods	3.00
HIS 198	Senior Seminar in Historical Research	3.00

AND any two of the following:

HIS 1	The West and the World to 1750	3.00
HIS 2	The West and the World Since 1750	3.00
HIS 3	American Civilization to 1877	3.00
HIS 4	American Civilization Since 1877	3.00
HIS 7	Roots of the Modern World	3.00
HIS 8	Roots of the Modern World: Wars and Revolutions	3.00
HIS 9	Roots of the Modern World: Migrations	3.00
HIS 10	Roots of the Modern World: Religion	3.00
HIS 11	Roots of the Modern World: Nature	3.00
HIS 12	Roots of the Modern World: Gender	3.00
HIS 13	Roots of the Modern World: Science	3.00
HIS 14	Roots of the Modern World: Empires and Nations	3.00

Elective Undergraduate History Courses

Eight of the following:

HIS 105	Historical Perspectives	3.00
HIS 106	Methods and Practice of Public History	3.00
HIS 110	The Early Modern Atlantic World, 1450-1800	3.00
HIS 111	Colonial America	3.00
HIS 112	The American Revolution	3.00
HIS 113	Jacksonian America	3.00
HIS 114	The Old South	3.00

HIS 115	The Era of Civil War and Reconstruction, 1848-1877	3.00
HIS 116	American Society and Culture, 1876-1919	3.00
HIS 117	The United States 1920-1945: From the Jazz Age to Total War	3.00
HIS 118	The United States Since 1945: The Age of the American Colossus	3.00
HIS 119	History of International Relations Since 1815	3.00
HIS 120	African American History	3.00
HIS 121	The Peopling of the United States	3.00
HIS 122	American Urban History	3.00
HIS 123	Gender in American History	3.00
HIS 124	The American West	3.00
HIS 125	U.S. Environmental History	3.00
HIS 126	Resistance and Rebellion in America	3.00
HIS 128	History of American Capitalism	3.00
HIS 130	19th Century American Culture	3.00
HIS 132	American Popular Culture Since 1900	3.00
HIS 136	Disease and History	3.00
HIS 138	History of American Militarism	3.00
HIS 140	The Ancient Middle East	3.00
HIS 141	Ancient Greece and the Mediterranean World	3.00
HIS 142	The Roman Empire	3.00
HIS 143	Monks, Saints, and Heretics: Medieval Religion	3.00
HIS 144	Medieval Europe	3.00
HIS 145	Early Modern Europe	3.00
HIS 149	Love and Hate in the Middle Ages	3.00
HIS 150	The French Revolution	3.00
HIS 151	European Cultural History, 1600-1789	3.00
HIS 152	European Women in the Age of Revolutions	3.00

HIS 153	The Family in Early Modern Europe	3.00
HIS 160	Nineteenth Century Europe	3.00
HIS 161	Europe Since 1945	3.00
HIS 162	Age of Catastrophes: Europe 1914-1945	3.00
HIS 163	Nazi Germany	3.00
HIS 164	History as Film: European Cinema in the 20th Century	3.00
HIS 168	Russia Since 1917	3.00
HIS 180	History of Israel and Palestine	3.00
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HIS 201	History and the Bible	3.00
HIS 212	History of Central Asia	3.00
HIS 359	Honors Advanced Elective	3.00
HIS 360	Honors Advanced Elective	3.00
HIS 385	Honors Tutorial	3.00
HIS 386	Honors Tutorial	3.00
HIS 389	Honors Thesis	3.00
HIS 390	Honors Thesis	3.00
HIS 400	State, Society, and the Individual: Hoxie Colloquium	3.00

Required Undergraduate Co-Related Courses

All of the following:

ECO	11	Introduction to Macroeconomics	3.00
GGR	1	Human Geography: Man, Environment and Technology	3.00
GGR	2	Human Geography: The Cultural and Demographic Environment	3.00

AND two of the following:

POL	2	Introduction to American Politics	3.00
POL	3	Introduction to Political Science	3.00
POL	303	European Political Theory I - Honors Core	3.00
POL	304	European Political Theory II - Honors Core	3.00

Required Undergraduate Literature and Foreign Language Courses

Students must complete 2 courses/6 credits of Literature and 1 course/3 credits of Foreign Language.

Required Graduate Adolescence

Education Courses*

All of the following:

EDI	551	Psychology of the Adolescent Student	3.00
EDI	610	Curriculum and Teaching in Middle and High Schools	3.00
EDI	643	Education for Cultural Diversity	3.00
EDI	677	Curriculum Development for the Classroom Teacher	3.00
EDI	700	Introduction to Educational Research	3.00
EDS	612	Literacy Teaching and Learning: Grades 5-12	3.00
EDS	633	Accommodating Learners with Special Needs in Inclusive Settings (Includes Technology and Inclusion)	3.00
EDS	641	Literacy in the Content Areas: Grades 5-12	3.00

AND one of the following:

EDI	555	Organizational and Social Foundation of the High School	3.00
EDI	601	Social Foundations of American Education	3.00

Required Graduate Social Studies

Methods Course*

EDI	660	Methods and Materials of Teaching Social Studies in Secondary Schools	3.00
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Required Graduate Student Teaching

Course*

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

Required Graduate Culminating

Experience

Students must submit a final project/portfolio, pass a comprehensive exam or complete a thesis (EDI 705).

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 Credits: 144
 Minimum Total Undergraduate Credits: 108
 Minimum Graduate Credits: 36 (39 with Thesis)
 Minimum Undergraduate Liberal Arts Credits: 90
 Min. Undergraduate History Major GPA: 3.00
 Min. Undergraduate Social Studies GPA: 3.00
 Min. Undergraduate Education Major GPA: 3.00
 Min. Undergraduate Cumulative GPA: 3.00
 Min. Graduate Cumulative GPA: 3.00
 * A grade of "B" or higher is required in all education courses.

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in History
B.S. in Childhood Education (Grades 1 to 6) with Concentration in History

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take

their required liberal arts and sciences concentration in History. This 30-credit program consists of courses from American and Western History. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in History, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Social Studies
B.S. in Childhood Education (Grades 1 to 6) with Concentration in Social Studies

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Social Studies. This 30-credit program consists of courses from Economics, History, Geography, Political Science and Sociology/Anthropology. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these program and the concentration in Social Studies, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Social Studies (Grades 7 to 12)

Students seeking to be initially certified to teach Social Studies in secondary schools in New York State should pursue the B.S. in Adolescence Education: Social Studies (Grades 7 to 12). This degree combines courses from Economics, Geography, History, Political Science and Sociology/Anthropology with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

MINORS

Minor in History

Undergraduate students who are pursuing a major in another subject area can apply 15 credits of elective courses toward a minor in History. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in History Requirements

Five courses/fifteen credits can be chosen from all HIS courses including core-level courses (HIS 1

through 14) or courses numbered 100 or above (excluding HIS 303 and 304). No more than two courses/six credits can be taken from HIS 1 through 14.

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

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).

Credits: 3

Every Fall and Spring

HIS 1P The West and the World to 1750

Same as HIS 1. For students in the Program for Academic Success.

Four hours lecture/recitation

Must be in Program for Academic Success.

Credits: 3

Every Fall

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).

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 2P The West and the World Since 1750

Same as HIS 2. For students in the Program for Academic Success.

Four hours lecture/recitation.

Must be in Program for Academic Success.

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.

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).

Credits: 3

Every Fall, Spring and Summer

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 World: 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 contemporaries 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 Roots of the Modern World: Migrations

This course explores the movements of people across regional and national borders to gain an understanding of the causes, motivations and consequences of human migrations. We will study both voluntary and forced migrations, investigating those that resulted from wars, changes in land use, industrialization, and shifting labor needs. Among the subjects covered: the Atlantic slave trade, European enclosure movement, indentured labor, contract labor, immigration, war refugees, internment camps, ethnic cleansing, human trafficking, migrant and guest workers, as well as the problems posed by statelessness, the growth of mega-slums and environmental degradation.

Credits: 3

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 Roots of the Modern World: Nature

This course will explore how people of different societies have used and transformed the natural world. All human communities are intimately dependent on their environments, but how particular societies have interacted with nature both intellectually and materially have varied enormously. Some societies found strategies for sustainability, while others have exploited resources in ways that endanger local ecologies and global stability. This course will combine an overview of environmental history with specific case studies of the relationship of distinct cultures to the natural world.

Credits: 3

On Occasion

HIS 12 Roots of the Modern World: Gender

This course explores how men and women defined their social roles based on sex difference and how ideas about masculinity and femininity defined those men and women's historical choices. We will examine the place of women in the home, during the rise of science, at the origins of industrialization, and in modern political movements. Students are introduced to the perspectives of historians of gender, who have highlighted the importance of issues such as marriage, domesticity, respectability, and female enfranchisement in the making of the modern world.

Credits: 3

On Occasion

HIS 13 Roots of the Modern World: Science

The ascendancy of science and the scientific method are defining characteristics of the modern world. But this development was neither inevitable nor without serious controversies. This course will explore the changing definitions of "science" and scientific knowledge and the shifting relationships between science and society. Through case studies from around the world, the course will examine the political, religious, and social contexts for debates that ensued over the findings of scientists such as Copernicus, Newton, Galileo, Darwin, or Einstein, the political and social crises that emerged over the atomic and hydrogen bombs, as well as controversies over recent scientific technologies.

Credits: 3

On Occasion

HIS 14 Roots of the Modern World: Gender

This course explores how men and women defined their social roles based on sex difference and how

ideas about masculinity and femininity defined those men and women's historical choices. We will examine the place of women in the home, during the rise of science, at the origins of industrialization, and in modern political movements. Students are introduced to the perspectives of historians of gender, who have highlighted the importance of issues such as marriage, domesticity, respectability, and female enfranchisement in the making of the modern world.

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.

Credits: 3

Every Fall

HIS 105 Historical Perspectives

This course explores the historical "back story" of crucial issues facing the US and the larger world in the early 21st century, by tracing the narrative background of events from their origins to the present day, contrasting current issues with seemingly analogous earlier issues, and examining changing popular policy and scholarly perspectives on given issues over time. Topics will vary by instructor.

Credits: 3

On Occasion

HIS 106 Methods and Practice of Public History

This course offers students the opportunity to explore historians' roles in the presentation of historical information and interpretation in a variety of public venues. Students will engage in the intensive examination of selected controversies over the public presentation of historical events. Through guest lectures and field trips they will be introduced to the work of archivists, museum curators, editors, historic site directors, and historians who present their work in such media as magazines and television.

Credits: 3

On Occasion

HIS 110 The Early Modern Atlantic World, 1450-1800

During the dynamic 16th, 17th and 18th centuries, the areas around the Atlantic rim were drawn into sustained interaction. This course includes such topics as Spanish, Portuguese, Dutch, French, and English empires, interactions between Europeans

and Native Americans, the development of the Atlantic slave trade, and the growth of merchant capitalism.

Credits: 3

On Occasion

HIS 111 Colonial America

The period of European colonization of North America was one in which people of diverse origins interacted, interactions that offer complex origin stories for the United States. Students will explore issues in the interpretation of the history of the Native Americans, the African diaspora, and settler societies in the 17th and 18th centuries.

Credits: 3

On Occasion

HIS 112 The American Revolution

Students will study the narrative of the war for American political-independence and the initial formation of the United States, and examine competing interpretations of the significance of these events. Through this study, students will consider problems in the nature of revolution, of identity-formation, and of nation-making.

Credits: 3

On Occasion

HIS 113 Jacksonian America

America during Andrew Jackson's presidency has often been dubbed, "The Era of the Common Man," signaling the nation's shift from a republic to a democracy. Understanding the political transformation was a market revolution that altered every aspect of life and work for antebellum Americans. This course will study the spread of industrial capitalism and the rise of wage labor, the expansion of slavery, and political crises over the relationship between liberty and economic power. The first president to come from humble beginnings, Jackson gave expression to the anxieties spawned by growing inequities in wealth. Simultaneously, he was responsible for the largest expulsion of Indians east of the Mississippi and face one the earliest constitutional crises over slavery. The course will analyze the significance evangelical revivals, reform moments, that attempted to control drinking, gambling, sexual relations and health, and the most radical of all reforms abolitionism.

Credits: 3

On Occasion

HIS 114 The Old South

History of the South from its early settlements of the Civil War. This course will explore evolving notions of the South as a distinct region; the agricultural nature of the southern economy; the ways slavery shaped the lives of slaves, free blacks, slaveowners, yeomen, and women from all social groups; the growth of racism; the relationship between freedom and slavery; distinctive white southern ideas about gender, honor, and leisure.

Credits: 3

On Occasion

HIS 115 The Era of Civil War and Reconstruction

The history of American society during the era its most cataclysmic event - the Civil War - and its boldest experiment in social change and civic equality- Reconstruction. The course will explore the social and political changes that led to war: the expansion of slavery in the South, the spread of industrial capitalism in the North; the emergence of ideologies of reform, abolitionism, and free labor, and the defense of slavery by the southern ideologues. We will analyze the political compromises over slavery that defined the American polity since the ratification of the Constitution, the failure of those compromises, and the crisis of secession. Will cover the military, political and social character of emancipation, and the legacy of Reconstruction.

Credits: 3

On Occasion

HIS 116 American Society and Culture, 1876-1919

The emergence of modern America from the end of Reconstruction through the First World War. Covers years known as the "Gilded Age" and the "Progressive Era," the rise of corporate structures, large-scale industry, and the growing links between financial leaders and political figures. Will analyze the consequences of rapid industrialization and urbanization, immigration, the rise of eugenics, Jim Crow legislation, Populism, the labor movement, movements for suffrage, and the reach for empire.

Credits: 3

On Occasion

HIS 117 The United States 1920-1945: From the Jazz Age to Total War

This course examines the dramatic changes and frustrating continuities in an era that spans the "Roaring Twenties," the Great Depression during the 1930s, and World War II, which paved the way for the emergence of the US as the most powerful nation in the world. Topics include the urbane culture of the 1920s, rise of modern organized crime, Republican Party dominance and downfall, FDR and the New Deal, women in society and politics, racial segregation, the "Golden Age of Hollywood" as a force in American culture, the consolidation of a modern consumer society and home-front experiences of World War II.

Credits: 3

On Occasion

HIS 118 The U.S. Since 1945: The Age of the American Colossus

American history from the end of World War II to the present. Covers rise of domestic prosperity, unprecedented international power, and social-cultural ferment. Topics include the civil rights movement, the Cold War at home and abroad, the Vietnam War, modern feminism, the sexual revolution and the gay rights movement, the shift from Democratic to Republican Party dominance in American politics, the rise of the religious right,

environmentalism, large-scale immigration from the boom mentality of the 1990s to the "War on Terror."

Credits: 3

On Occasion

HIS 119 History of International Relations Since 1815

This course provides a narrative and thematic examination of major events and trends in international relations history from the end of the Napoleonic era through the post-Cold War period and up to the present. Although much attention will be focused on traditional great power state-to-state relations, we will also examine other dimensions of modern/contemporary international relations as well, such as culture, economics, international organizations and non-state actors, ecology, immigration, and the role of technology.

Credits: 3

On Occasion

HIS 120 African-American History

The history of African Americans from the origins of slavery to the present. Will explore African-American slavery, experiences of blacks during Reconstruction, and the impact of what "redemption". Topics include: Jim Crow legislation, rise of the "New Negro," lynchings, anti-lynching campaigns, the "Great Migration," the Harlem Renaissance, African-American life during the depression and World War II, the Civil Rights movement, black nationalism, Black Power, and black urban politics. Will pay special attention to the myriad ways in which diasporic Africans have shaped American society, embedded in notions of "race," and the history of racism.

Credits: 3

On Occasion

HIS 121 The Peopling of the United States

The course will examine the historical sources of America's cultural and ethnic diversity. We will explore changes in "American" national identity and definitions of citizenship from the late 18th century to the present and the multiplicity of immigrant and migrant experiences.

Credits: 3

On Occasion

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 urban spaces.

Credits: 3

On Occasion

HIS 123 Gender in American History

Gender ideals and practices have varied widely in tandem with historical changes in society and culture. Students will analyze selected problems in the history of femininity and masculinity in the United States. Topics may include the family, sexuality, labor, race, and ethnicity, popular culture and ideology.

Credits: 3

On Occasion

HIS 124 The American West

The trans-Mississippi West is a region that has a distinctive place in the American cultural imagination. This course will present students with diverse perspectives on the history of this region through the consideration of the topics such as frontiers and borderlands, nature and the environment, cultural diversity and conflict, competing visions of government, and the representation of the region in art and film.

Credits: 3

On Occasion

HIS 125 U.S. Environmental History

An historical examination of changes in the relationship between human beings and the natural environment from the colonial period to the present in different regions of the United States. The course will draw on the natural sciences, economics, public policy, philosophy, and popular culture in order to offer students a variety of perspectives on historically significant environmental issues.

Credits: 3

On Occasion

HIS 126 Resistance and Rebellion in America

From the Boston Tea Partiers to abolitionists, from beatniks and hippies to hip hop artists and "riot girls," Americans have a reputation for being rebels. Sometimes roundly censured, sometimes read as the very spirit of American heroism, how does resistance shape our national experience of identity, of freedom? This course examines instances of American political rebellion - grassroots uprisings, slave revolts, prison riots, wildcat strikes and cultural rebellion - like the youth cultures of the Jazz Age and the Sixties, to the grunge and rap movements of the 1990s.

Credits: 3

On Occasion

HIS 128 History of American Capitalism

Examination of the rise of industrial capitalism in the 18th century, its spread over time and space to the recent "post-industrial" era. Will cover structural economic changes, role of government in American economic development, effects of commercialization on society, and historical critiques of capitalism. Will examine the ways

capitalism altered the nature of work, gender and family relations. Others topics include the evolution of the division of labor, racial, gender, and segmentation of the workforce, labor struggles of the consumption, and the strategies of corporate power.

Credits: 3

On Occasion

HIS 130 Nineteenth-Century American Popular Culture

An exploration of the forms of popular culture that emerged in the nineteenth-century America in response to the rise of the industrial capitalism and democratic politics. Novel cultural forms developed to express new ideologies about manhood, womanhood, race, frontier, and empire. Course will analyze the birth of a commercialized popular culture that included museum exhibits, street amusements, pornography, burlesque, sports, genre paintings, daguerreotypes, photography, and "self-culture" movement. Will examine the emergence of narratives that captured popular imaginations, including sentimental novels, mysteries, and stories of scandal.

Credits: 3

On Occasion

HIS 132 American Popular Culture Since 1900

Traces the era in which American popular culture consolidated mass art/entertainment forms such as Hollywood films, jazz, rock and roll, rock and rap, radio and television programming, tabloid journalism, computer gaming, Internet entertainment. Topics include modern technologies, tensions between art and commerce, the role of outsider groups, especially Jews and African Americans, as well as gays, in the making of American pop culture, popular portrayals of the powerful and the marginal, the "culture of celebrity," the mainstreaming of erotica and pornography, and the extent to which popular culture caused, as opposed to reflected, changes in American social norms.

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 138 History of American Militarism

History of militarism in America from political, economic, social and cultural perspectives. Focuses on Americans' experiences in wars, the intersections between society and military institutions from the 18th century to present. Course will examine changing styles of warfare, technology and military ideologies, definitions of a "just war" and offensive wars. Will explore the composition of military establishments (militias, citizen, armies, paid professionals, mercenaries), and people's perceptions of military conflicts. Topics may include: concept of "Manifest Destiny," conquest, settlement, Indian wars, foreign wars, world wars, the Cold War, the Vietnam War, the "Vietnam Syndrome," the Iraq war, recruitment, draft, and resistance, as well as antiwar, disarmament and peace movements.

Credits: 3

On Occasion

HIS 140 The Ancient Middle East

A comparative examination of the interrelated societies of the Middle East and surrounding regions, from the advent of agriculture to the 6th century BC unification of the region under Persian rule. Particular attention is paid to the relationship between human society and the environment, the cultural predominance of Mesopotamia and Egypt, the impact of migration and long-distance contacts, and the way in which later societies (e.g. the ancient Israelites) reused existing cultural elements in the ways that continue to influence the modern world.

Credits: 3

On Occasion

HIS 141 Ancient Greece and the Mediterranean World

An examination of the history of ancient Greek society in its broader Mediterranean context, from the late Bronze Age (16th-12th century BC) to the period of Roman conquest (2-1st century BC). The course traces the development of Greek political, social and cultural traditions, the spread of these traditions, and their use in building community across the Mediterranean region.

Credits: 3

On Occasion

HIS 142 The Roman Empire

This course surveys the major political, social and cultural developments of the Mediterranean from the beginning of the Roman conquest in the 4th century BC to the formation of successor societies (Christian and Islamic) in the 7th century AD.

Attention is paid to the changing Roman political systems and social patterns, as well as the development of new forms of community based on religion.

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.

Credits: 3

On Occasion

HIS 144 Medieval Europe

This course examines the major historical developments that transformed Europe from roughly 400 to 1500, a period often characterized as the "Middle Ages" of European history. Topics covered include the conflict between visions of the ideal society and the realities of social and political life, the nature of education and cultural expression, the varieties of religious expression, and the nature of marginal groups and peripheral spaces during the Middle Ages.

Credits: 3

On Occasion

HIS 145 Early Modern Europe

An examination of the changes in European society and culture between 1400 and 1700, focusing on the emergence of the nation-state as a political entity, the growth of a rational and scientific view of the world, the development of humanism, and the start of European expansion and imperialism. The goal of this course is to explore the notion of "early modernity," assessing the case for the formation of a modern Europe order born of a rupture from the medieval past.

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 153 The Family in Early Modern Europe

An examination of family structures and daily life between the Renaissance and the French Revolution. It investigates the experiences of childhood, adolescence, marriage and widowhood as well as orthodox and unorthodox alternatives to family life.

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 161 Europe Since 1945

This course will explore major trends in the recent history of Europe in four sections: first from the

period of postwar reconstruction and the Cold War; next through the decades of the "economic miracle," on to the period of experimentation with new political solutions like social democracy, neo-liberalism and goulash socialism; and finally to recent decades attempting to reconcile economic and political unification with a new focus on the importance of local and regional identities. In addition to secondary history texts, a mix of readings and films from east and west will help students overcome a national-histories approach to the period and reach the end of the semester able to consider in an informed way the problems faced by an area with such rich and troubled memory politics.

Credits: 3

On Occasion

HIS 162 Age of Catastrophes: Europe 1914-1945

"The Great War without precedent... never had so many nations taken up arms at a single time. Never had the battlefield been so vast... never had the fighting been so gruesome..." The World War of 1914-18 – The Great War, as contemporaries called it – was the first man-made catastrophe of the 20th century. And worse was to come. The rise of fascism, the Second World War and genocide, the millions of lost and displaced persons. How are students of history to understand this darkest of history's periods? 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 163 Nazi Germany

A historical examination of the Third Reich and National Socialism from the early 1920s until the end of the Second World War. The course will investigate the ideological origins of National Socialism and its impact on politics, culture, and society in Germany during the 1930s and 1940s. The course will use a variety of materials, including film, music, radio recordings, public policy documents, and memoirs, introducing students to National Socialism's multifaceted and often ambiguous character.

Credits: 3

On Occasion

HIS 164 History as Film: European Cinema in the 20th Century

A historical examination of major events and developments in 20th century world history, such as the First and Second World Wars, the Holocaust, the Cold War, student protest movements in the 1960s, feminism, and ethnic strife in the 1990s, through the lens of cinema. The course will investigate how artists have used the medium to articulate their views about the past, the present, or the future, as well as the impact of film on society and politics. The course material will

include films, screenplays, reviews, and scholarly literature.

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 168 Russia Since 1917

This course traces the demise of the czars, and the road to World War I, communist revolution, and civil conflict. Topics include the Soviet state's effort under Lenin and Stalin to create a modern utopia in Russia, the emergence of dictatorialism in Soviet politics, and their impact of World War II on modern Russia. The class ends with an assessment of the "collapse of communism" and its meaning for a post-Cold War world.

Credits: 3

On Occasion

HIS 180 History of Israel and Palestine

An examination of the various cultural, religious and political communities in the region of Israel-Palestine from the late Ottoman period to the present day. The course covers the relations between Israelis and Palestinians, the social and cultural development of Israeli and Palestinian societies, and the involvement of outside powers, and it situates these topics within a broader historical and comparative context.

Prerequisites of HIS 2 or permission of instructor is required.

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 history-making. 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 183 History of the Middle East

A survey of the history of the Middle East from the rise and expansion of Islam to the present. It will cover the rise of nationalism, changes in state structure, rise of mandate regimes, Palestine, Arab-Israeli conflict and the Iranian revolution.

Credits: 3

On Occasion

HIS 184 The Making of Modern Japan, 1660 to the Present

This course surveys Japanese history from the end of the Tokugawa period in the nineteenth century to the present by focusing on the modernization process. Covering the rise and fall of Japanese imperialism, the devastation of World War II and unprecedented postwar growth, the course also explores Japan's connection with the outside world, the spread of mass consumer society, popular and elite cultures, and the contours of everyday life.

Credits: 3

On Occasion

HIS 185 Modern China, 1839 to the Present

This course is an examination of the major political, social and intellectual developments in modern China from the Opium War to the present.

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 "conquerors" 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.

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 188 Political Violence, "Dirty Wars," and Truth Commissions in Latin America

This seminar examines political violence and human rights violations in Latin America in the twentieth century. Police and military forces frequently used violence against left-wing or communist "subversion," often with the state's approval. This disproportionate response often resulted in "dirty wars" that left hundreds of thousands of civilians dead. Especially after 1970, large-scale investigations or truth commissions researched and reported on these violent internal conflicts and civil wars as a way to promote healing and reconciliation. The seminar situates political violence within a broader history of human rights, particularly tensions between individuals and collectivities in the modern nation-state.

Credits: 3

On Occasion

HIS 189 Andean History, Culture and Politics

This course examines important themes and concepts in the Andean world (broadly defined as Peru, Colombia, Ecuador, Bolivia and Chile), including pre-Hispanic society, the European-indigenous encounter, and the colonial and national periods. Primary and secondary sources problematize the context, worldviews, and representation of cultural interactions. Particularly important is how Indians, Europeans, and republican citizens understood and employed history as a narrative strategy to justify or contest power. Broad themes include how the Incas and the other indigenous groups engaged and imagined the Andean environment and organized society before the Spanish arrival; how Andeans and Europeans came to understand themselves and the "other" at the transformative Early Modern movement; how the process of resistance and accommodation – economic, religious, social, and cultural – led to readjustments and rethinking in the Spanish and indigenous worlds amid dramatic power asymmetries; and how enduring colonial structures help shape nation-building in the nineteenth and twentieth centuries.

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 sophomore and transfer History majors 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 required of, and limited to History 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 201 History and the Bible

This course examines the parts of the Bible as historical sources. It explores societies that produced material that ended up in various versions of the Bible. Such societies included ancient Egypt and Mesopotamia, the ancient Israelite kingdoms, the Middle East under Persia rule, the Hellenistic kingdoms and the Eastern parts of the Roman Empire. It discusses how the Bible was written, compiled and reinterpreted to shape Jewish and Christian religious communities. Readings include portions of the Bible, other ancient religious writings, and various interpretations by modern scholars.

Credits: 3

On Occasion

HIS 203 Worlding China, 1800-Present

In the West, China has long been depicted as isolated and unaffected by the outside world. Contrary to this popular stereotype, however, China has been influenced in profound ways by developments in other parts of the world and the Chinese people have integrated this knowledge to create their own ideas about the connections between their countries and others. 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 212 History of Central Asia

This course offers an introduction to history and culture of Central Asia. The class will survey the effects of Russian colonization, the region's relationship with the Turkish peoples of the Middle East and the emergence of the modern states of Uzbekistan, Kazakhstan, Kyrgyzstan and Turkmenistan. The course will also explore the challenges of the present day and the roles played by oil, cotton, war and terrorism in shaping contemporary Central Asian society.

Credits: 3

On Occasion

HIS 303 Civilization from the Ancient World to the 18th Century - Honors Core

A general but high-level seminar, this courses 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."

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 from 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.

Must be in Honors College

Credits: 3

Every Spring

HIS 360 Honors Advanced Elective

Spring Advanced Elective to be offered on a 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

HIS 400 State, Society, and the Individual: Hoxie Colloquium

This course is a cross-disciplinary colloquium focusing on issues confronting the human community. Enrollment is limited to three advanced students selected by each of the participating departments. The course is led on a rotating basis by faculty from the departments of Earth and Environmental Science, Economics, History, Political Science/International Studies and Sociology/Anthropology. The faculty member leading the colloquium topic selects the colloquium's topic in consultation with the participating departments. Open to students with advanced standing (ordinarily senior status) in the participating department.

Same as ANT 400, ECO 400, GGR 400, POL 400 and SOC 400.

Prerequisite of Senior status is required.

Credits: 3

On Occasion

INTERDISCIPLINARY STUDIES PROGRAM

Phone: 516-299-2233

Fax: 516-299-4140

Director: Pereyra (Associate Dean)

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. Both the B.A. and B.S. in Interdisciplinary Studies are offered. For either degree, 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 prior to 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: 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.

In addition to the individualized plan as described above, students may also choose pre-determined plans in Earth Systems Science (B.A.), Environmental Sustainability (B.A.) or Environmental Science (B.S.).

MINORS

Minor in Gender and Sexuality

This fifteen-credit minor examines gender from an interdisciplinary perspective. Drawing on scholarship from sociology, literature, psychological and history, students will gain an understanding of how gender and sexual norms have been constructed and are reproduced through narratives and social institutions. It will explore the range of sexualities and gender systems as well as their intersections with race and class. Many of the courses cover the challenges that have emerged to dominant categories of gender identity and the

social changes that have resulted from such challenges.

Minor in Gender and Sexuality

Requirements

Students will choose 15 credits from the following and take no more than two from one discipline.

ENG	138	Gender, Sexuality, and Literature	3.00
ENG	139	Gender and the English Language	3.00
PSY	40	Psychology of Gender	3.00
SOC	22	Sociology of Families	3.00
SOC	24	Youth and Adolescence	3.00
SOC	26	Gender, Race and Ethnicity	3.00
SOC	58	Sociology of Men and Masculinities	3.00
SOC	59	Gendered Violence	3.00
SOC	60	Sociology of Gender	3.00
SOC	61	Feminism and Social Change	3.00
SOC	62	The Sociology of Human Sexuality	3.00
HIS	12	Roots of the Modern World: Gender	3.00
HIS	152	European Women in the Age of Revolutions	3.00
SPA	44	Spanish-American Women Writers	3.00
PHI	34	Philosophies of Love and Sex	3.00

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

Minor in Narrative Medicine

Training in narrative medicine focuses on the ability to remain empathetic and allow one's emotions to ground the human relationships critical to health care. The first step in appreciating the stories of others lies in understanding the structure of narratives that appear in medical settings. In order to appreciate patient's stories, one must learn to hear the significance of every word. Patients' stories reveal not merely the history and context of their illnesses, but also the details of their physical exams, and the nuances of their referrals and diagnostic tests, as well as what remains unspoken. The fifteen-credit minor in Narrative Medicine includes courses that provide an overview of the health care profession, the U.S. healthcare system, basic modes of health care

delivery, medical ethics and the different roles played by health care professionals. The minor will allow students to explore literature and art related to developing medical narratives, develop observational skills to deepen an understanding of the human condition. *Students will choose from the courses below and take no more than two from one discipline.*

Minor in Narrative Medicine

Requirements

Required Classes:

HSC	101	Introduction fo the Health Professions	3.00
HSC	102/S W30	Interdisciplinary Helping Professions	3.00

One course/three credits from the following courses:

ENG	184	Writing and Healing	3.00
SOC	72	People in Crisis	3.00

One of the following English writing and literature courses:

ENG	10	Introduction to Literature	3.00
ENG	13	The Short Story	3.00
ENG	68	Mythology	3.00
ENG	138	Gender, Sexuality and Literature	3.00
ENG	158	Freak Shows and Modern American Literature	3.00
ENG	183	Creative Non-Fiction	3.00

One of the following art history or studio courses:

ART	1	Introduction to Visual Arts	3.00
ART	5	Introduction to Drawing	3.00
ART	11	Life Drawing I	3.00
ART	59	Survey of World Art I	3.00
ART	60	Survey of World Art II	3.00

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

Minor in Race and Ethnicity

This fifteen-credit minor explores race and ethnicity and other categories of difference through the lenses of sociology, literature, history, art and music. By examining how such categories were constructed and are reproduced through narratives, politics, and public policies, students will gain insight into the sources of inequalities and the ways they are regulated and enforced by institutions and social practice. The courses in this minor pay close attention to how these forms of social identity have changed over time and the

political movements and cultural forms that have emerged in struggles for equality. *Students will choose from the courses below and take no more than two from one discipline.*

Minor in Race and Ethnicity

Requirements

Students will choose from the courses below and take no more than two from one discipline.

SOC	11	Cities, Towns & Suburbs	3.00
SOC	25	Sociology of Education	3.00
SOC	26	Gender, Race and Ethnicity	3.00
SOC	29	Sociology of Latino/a Culture and Identity	3.00
SOC	31	Social Movements	3.00
SOC	36	Sociology of Genocide	3.00
SOC	66	The African-American Experience	3.00
SOC	68	Sociology of Asian Americans	3.00
SOC	69	Race and Ethnicity	3.00
SOC	70	Poverty	3.00
SOC	71	Globalization	3.00
ENG	102	African Postcolonial Literature	3.00
ENG	105	Native American Literature	3.00
ENG	107	Postcolonial Literature	3.00
ENG	108	African American Literature of the Twentieth Century	3.00
ENG	109	American Slave Narratives	3.00
ENG	110	The Black Diaspora: African American Literature in Context	3.00
ENG	156	Irish American Fiction	3.00
HIS	115	The Era of Civil War & Reconstruction	3.00
HIS	120	African-American History	3.00
HIS	122	American Urban History	3.00
HIS	182	Latin American History and Film	3.00
HIS	187	History of Modern Latin America	3.00
MUS	28	History of Jazz	3.00
POL	31	Constitutional Law	3.00
SPA	48	Latino Literature in America	3.00

WLT	37	Hispanic Literature of the 20th Century	3.00
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Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

Minor in Peace, Conflict and Social Justice

This fifteen-credit minor will explore the struggles for social and economic justice within the context of capitalist societies from sociological, philosophical, historical and literary perspectives. It focuses upon the theory and ideals of social and economic justice, the history of labor struggles, and the realities of injustice as well as practical solutions to these problems. The minor also explores social movements that have played a role in advancing the interests of workers and improving their condition. *Students will choose from the courses below and take no more than two from any particular discipline.*

Minor in Peace, Conflict and Social Justice Requirements

All courses selected from the following; no more than two courses may be taken from any discipline:

ENG	141	Literature of the Working Class	3.00
ENG	102	African Postcolonial Literature	3.00
ENG	107	Postcolonial Literature and Theory	3.00
PHI	18	Social and Political Philosophy	3.00
PHI	27	Philosophy of History	3.00
PHI	35	Justice	3.00
PHI	100	Capitalism and Its Defenders	3.00
SOC	15	Social Change	3.00
SOC	18	Power, Privilege and Prestige	3.00
SOC	19	Political Sociology	3.00
SOC	31	Social Movements	3.00
SOC	32	Justice and Society	3.00
SOC	36	Sociology of Genocide	3.00
SOC	37	The Sociology of Conflict	3.00
SOC	45	Industrial Sociology	3.00
SOC	47	Sociology of Work and Occupations	3.00
SOC	61	Feminism and Social Change	3.00

SOC	70	Sociology of Poverty	3.00
HIS	128	History of American Capitalism	3.00
HIS	188	Political Violence, "Dirty Wars," and Truth Commissions in Latin America	3.00
POL	38	Radical Movements and the Politics of Change in the United States	3.00
POL	31	American Constitutional Law 1	3.00
POL	32	American Constitutional Law 2	3.00
POL	76	Democracy and Dictatorship	3.00
ECO	63	Labor Economics	3.00

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

Minor in Science, Society and Technology

This fifteen-credit minor explores the technical and social aspects of science and technology. The minor includes technical courses in which students practice science and technology as well as courses that examine their social and historical contexts. In exploring both the practical and theoretical aspects of the connections among science, technology and society, students engage with critical questions concerning the impact of technology and science on society and the ethical, political, and global implications of this impact. *Students will choose from the courses below and take no more than two from any particular discipline.*

Minor in Science, Society, and Technology Requirements

Six to eight credits of the following:

ERS	1	Earth Science 1	4.00
ERS	2	Earth Science 2	4.00
GLY	1	The Dynamic Earth	4.00
GLY	2	History of the Earth	4.00
GLY	29	Global Climate Change	3.00
GGR/ERS	11	Introduction to Environmental Sustainability	3.00
GGR/ERS	17	Introduction to Geographic Information Systems	3.00-4.00
BIO	121	Human Genetics in Health and Disease	3.00

The remaining seven to nine credits of the following:

ENG	44	Science Fiction	3.00
ENG	48	Science and Society	3.00
ENG	192	Technical Writing	3.00
HSC	221	Topics in Human Genetics	3.00
ENG	186	Writing in a Digital Age	3.00
PHI	41	Philosophy of Science	3.00
SOC	45	Industrial Sociology	3.00
SOC	56	Computers, Technology and Society	3.00
SOC	73	Environmental Sociology	3.00
GGR	1	Human Geography: Man, Environment and Technology	3.00
GGR	2	Human Geography: The Cultural and Demographic Environment	3.00
GGR	29	Human Dimension of Climate Change	3.00
CLA	11	Computer Technology	3.00
CS	237	Human-Computer Interaction	3.00

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

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: 3

On Demand

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, and Liberal Arts) ONLY.

Credits: 4

Every Fall, Spring and Summer

DEPARTMENT OF MATHEMATICS

Phone: 516-299-2447 or 2448

Fax: 516-299-4049

Chair: Professor Rothman

Senior Professor: Borde

Professors: Losonczy, J. Peters,

Associate Professor: Ahdout, Cleopa

Assistant Professor: Redden (Graduate Director)

Adjunct Faculty: 8

The bachelor's programs in mathematics are 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, a degree in mathematics is 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. LIU Post is a test site for the Course I Actuarial Examination given each year in May and November.

The Department of Mathematics offers the B.A. and B.S. in Mathematics and the B.S. in Applied Mathematics with Computer Science. Students interested in an engineering degree can participate in the Department's Pre-Engineering Program, which offers a B.S. in Mathematics and Physics and an additional bachelor's degree in engineering from a partnering university. 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 (Grades 7 to 12) with concentration in Mathematics degree. The Department also offers a five-year accelerated degree combining the B.S. in Adolescence Education: Mathematics with a M.S. in Applied Mathematics (see below). A Mathematics concentration is also offered for the B.S. in Early Childhood Education (Birth to Grade 2), the B.S. in Childhood Education (Grades 1 to 6).

B.A. in Mathematics

Galileo famously said that the Book of Nature is written "in the language of Mathematics."

Today, no other discipline opens doors to success in the modern world like a mastery of mathematics.

In this 120-credit Bachelor of Arts program you will receive a thorough grounding in Pure and Applied Mathematics, including the theory and practical application of calculus, logic, algebra and

general physics. After mastering the fundamentals of calculus and analytic geometry, you will go on to explore such topics as probability theory and its applications, real and complex number systems and computer science.

The program provides a solid foundation for further study at the graduate level, as well as an ideal preparation for a wide variety of rewarding careers in fields such as insurance, technology, engineering, education and manufacturing.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in Mathematics

{Program Code: 06415}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Mathematics must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (PHY 3 and 4)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits
Competencies	Computer (CS 101), Library, Oral

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:

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 21	Differential Equations	4.00
MTH 22	Applied Linear Algebra	3.00
MTH 31	Advanced Calculus I	3.00
MTH 32	Advanced Calculus II	3.00
MTH 51	Probability	3.00
MTH 71	Algebraic Structures	3.00

And one of the following:

MTH 90	Mathematics Seminar	1.00
MTH 389	Honors Thesis	3.00
MTH 390	Honors Thesis	3.00

Elective Mathematics, Computer Science or Laboratory Science Courses

Six credits from all MTH courses numbered 23 or above excluding MTH 25 and 41 or from all AST, BIO, CHM, CS, ERS, GLY or PHY courses.

Required Co-Related Courses

All of the following:

CS 101	Introduction to Computers and Programming	3.00
PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

B.S. in Mathematics

The 120-credit 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.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college

GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Mathematics

[Program Code: 06409]

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Mathematics must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (PHY 3 and 4)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

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:

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 21	Differential Equations	4.00
MTH 22	Applied Linear Algebra	3.00
MTH 31	Advanced Calculus I	3.00
MTH 32	Advanced Calculus II	3.00
MTH 51	Probability	3.00
MTH 71	Algebraic Structures	3.00

And one of the following:

MTH 90	Mathematics Seminar	1.00
MTH 389	Honors Thesis	3.00
MTH 390	Honors Thesis	3.00

Elective Mathematics Courses

Nine credits from all MTH courses numbered 23 or higher excluding MTH 25 and 41

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:

CS 101	Introduction to Computers and Programming	3.00
PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

B.S. in Mathematics and Physics

Joint Degree with Physics Program

An innovative program that draws on two LIU Post academic disciplines, the Bachelor of Science degree in Mathematics and Physics provides a sound preparation for graduate work in engineering, physics or applied mathematics. It also provides excellent preparation for a career in actuarial science and for rewarding positions in many other fields, and has proven valuable for gaining admission to medical or dental schools. Academically rigorous courses taught in small-class settings by professors with degrees from premier universities make the B.S. in Mathematics and Physics a program of extraordinary quality and value. The program requires 120 credits.

Students in the B.S. in Mathematics and Physics may qualify to participate in the Pre-Engineering Program. This program enables students to earn two bachelor's degrees in just five years: the B.S. in Mathematics and Physics from LIU Post and a bachelor's degree in engineering from a university with which LIU Post has an articulation agreement, such as Polytechnic University, Stevens Institute of Technology, and Arizona State University.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Mathematics and Physics

[Program Code: 90025]

Core Requirements

In addition to all major requirements, students

pursuing the B.S. in Mathematics and Physics must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (PHY 3 and 4)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Required Mathematics and Physics Courses

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 21	Differential Equations	4.00
PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00
PHY 13	Classical Thermodynamics	3.00
PHY 16	Electricity and Magnetism	3.00
PHY 17	Mechanics I	3.00
PHY 19	Modern Physics I	3.00
PHY 29	Introduction to Astrophysics	3.00
PHY 40	Electric Circuits Lab	1.00

Elective Mathematics Courses

Three courses/nine credits of the following:

MTH 22	Linear Algebra	3.00
MTH 23	Foundations of Statistical Analysis	3.00
MTH 51	Probability	3.00
MTH 82	Numerical Analysis	3.00

Required Co-Related Courses

CHM 3	Principles of Chemistry I	4.00
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AND either:

CHM 4 Principles of Chemistry II 4.00

OR

One course from all MTH courses numbered 22 or higher excluding MTH 25 and 41 or from all PHY courses numbered 13 or higher

Credit and GPA Requirements

- Minimum Total Credits: 120
- Minimum Liberal Arts Credits: 60
- Minimum Major GPA: 2.00
- Minimum Cumulative GPA: 2.00

ACCELERATED PROGRAM

B.S. in Adolescence Education: Mathematics / M.S. in Applied Mathematics

Accelerated Program with College of Education, Information and Technology

This 145-credit program leads to the B.S. in Adolescence Education: Mathematics (Grades 7 to 12) and the M.S. in Applied Mathematics in five years, a full year less than if the two degrees were pursued separately. After the completion of the degree requirements, satisfy the New York State Teaching Certification Requirements; and successfully pass all licensure tests (LAST, ATSW and CSTs), students will be awarded Initial Teaching Certification by the New York State Department of Education to teach Mathematics to grades 7 to 12. After completion of three years of professional teaching experience, you will be eligible for Professional Teaching Certification without taking additional coursework.

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. Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. When students have completed fewer than 24 credits, they must also submit high school transcripts and SAT/ACT scores.
- Admission to the upper division of the B.S in Adolescence Education: Mathematics (Grades 7 to 12)/M.S. in Applied Mathematics requires completion of at least 60 credits with a grade point average of no lower than 3.0 (B) overall, a Mathematics grade point average of no lower than 3.0 (B) and Education grade point average of no lower than 2.75 (B). Admission requires acceptance of the student by the graduate director in the Department of Mathematics.

B.S. in Adolescence Education: Mathematics/M.S. in Applied

Mathematics

{Program Code: 33211}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Adolescence Education: Mathematics/M.S. in Applied Mathematics must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (PHY 3 and 4)
Language/Literature	12 credits (6 credits in each area required by major)
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Undergraduate Mathematics Courses

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 25	Literacy in Mathematics	3.00
MTH 51	Probability	3.00
MTH 71	Algebraic Structures	3.00

AND one of the following:

MTH 90	Mathematics Seminar	1.00
MTH 389	Honors Thesis	3.00
MTH 390	Honors Thesis	3.00

Required Undergraduate Education Courses**

All of the following:

EDI 14	Historical, Philosophical and Sociological Foundations of Education	3.00
EDI 15A	Psychological Perspectives: Teaching and Learning	3.00

EDI 16A	Curriculum and Assessment for Pre-service Teachers	3.00
EDI 17	Psychology and Developmental of the Adolescent	3.00
EDI 35	General Methods of Teaching Secondary Education	3.00
EDI 35C	Methods and Materials in Teaching a Specific Subject in Grades 7-12 Mathematics	3.00
EDI 38	Supervised Student Teaching in Adolescence Education (Grades 7-12).	6.00
EDI 50	Pre-student Teaching Seminar: Critical Issues in Education	0.00
EDS 44	Introduction to the Study of the Exceptional Child	3.00
EDS 75A	Lit Assess & Inst Clsrm Tch 5-12	3.00
HE 205A	Adolescent Health-Risk Wrkshp	0.00

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

Required Undergraduate Co-Related Courses

All of the following:

CS 101	Introduction to Computers and Programming	3.00
PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00

Required Graduate Applied Mathematics Courses

All of the following:

MTH 615	Linear Algebra I	3.00
MTH 631	Foundations of Analysis	3.00
MTH 632	Applications of Analysis	3.00

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

Classical Mathematics Concentration Requirements

Required Graduate Classical Mathematics Courses

All of the following:

MTH 543	Ordinary Differential Equations and Special Functions	3.00
MTH 553	Fourier Methods and Boundary Value Problems	3.00
MTH 616	Linear Algebra II	3.00

MTH 627	Complex Analysis I	3.00
MTH 681	Numerical Methods I	3.00

Elective Graduate Mathematics Courses

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

Required Graduate Applied Mathematics

Capstone Option

One of the following options:

MTH 707	Research Methods and Thesis Seminar	4.00
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OR one additional course/three credits from all MTH courses excluding MTH 707 and 709 AND

MTH 709	Oral Presentation	1.00
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Computer Mathematics Concentration Requirements

Required Graduate Computer Mathematics Courses

All of the following:

MTH 512	Mathematical Logic and Information	3.00
MTH 521	Linear Programming	3.00
MTH 568	Mathematical Statistics	3.00

Elective Graduate Mathematics Courses

Five courses/fifteen credits from all MTH courses excluding MTH 707 and 709.

Required Graduate Applied Mathematics

Capstone Option

One of the following options:

MTH 707	Research Methods and Thesis Seminar	4.00
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OR one additional course/three credits from all MTH courses excluding MTH 707 and 709 AND

MTH 709	Oral Presentation	1.00
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Credit and GPA Requirements

- Minimum Total Credits: 145
- Minimum Total Undergraduate Credits: 108
- Minimum Graduate Credits: 37 (both concentrations and capstone options)
- Minimum Undergraduate Liberal Arts Credits: 60
- Min. Undergraduate Mathematics Major GPA: 3.00
- Min. Undergraduate Education Major GPA: 2.75
- Min. Undergraduate Cumulative GPA: 3.00
- Min. Graduate GPA: 3.00

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Mathematics
B.S. in Childhood Education (Grades 1 to 6) with Concentration in Mathematics

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take

their required liberal arts and sciences concentration in Mathematics. This 30-credit program consists of courses in Calculus, Mathematics for elementary education and electives in Mathematics. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Mathematics, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Mathematics (Grades 7 to 12)

Students seeking to be initially certified to teach Mathematics in secondary schools in New York State should pursue the B.S. in Adolescence Education: Mathematics (Grades 7 to 12). This degree combines 37 credits in Mathematics courses, co-related Computer Science and Physics courses with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

Pre-Engineering Program

Through collaborative agreements with other universities that specialize in engineering, LIU Post offers a unique program that results in two undergraduate degrees in just five years, forming an excellent foundation for study at graduate, medical or dental schools and presenting a credential that is recognized by employers in a wide range of fields.

Students in this program complete the freshman, sophomore and junior years of the Bachelor of Science in Mathematics and Physics then transfer to an institution with which LIU Post has a formal articulation agreement, including Arizona State University, Polytechnic University of New York and Stevens Institute of Technology.

After two years of study at the second institution, the student will be awarded both the B.S. in Mathematics and Physics from LIU Post and a Bachelor's degree in Engineering from the second school. Degrees from the partnering institution may be pursued in chemical, civil, computer, electrical, environmental, industrial, materials or mechanical engineering as well as engineering management.

The Pre-Engineering Program saves time and money and results in a combination of degrees and a comprehensive survey of disciplines that has been found to be highly attractive to graduate schools. Degrees in mathematics, physics and engineering also opens doors to great careers in the actuarial sciences, engineering, banking, manufacturing, education and many other fields.

For more information on the LIU Post Pre-

Engineering Program, contact the Pre-Engineering Advisor, Dr. James Peters at 516-299-3059, the Department of Mathematics at 516-299-2447.

Actuarial Science

The Mathematics Department encourages students who are interested in pursuing a career in Actuarial Science to take the course P/1 and FM actuarial examinations during his or her senior year. Students preparing for this examination should include MTH 23, 31, 32, 51 and ECO 11, 12 in their program. A course in accounting, such as ACC 11, is also recommended.

MINORS

Minor in Mathematics

Undergraduate students who are pursuing a major in another subject area can apply 21 credits of elective courses toward a minor in Mathematics.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Mathematics Requirements
Required Mathematics Courses

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

Elective Mathematics Courses

At least nine credits/three courses from the following:

MTH 20	Introduction to Sets, Logic, and Mathematical Structures	3.00
MTH 21	Differential Equations	4.00
MTH 22	Applied Linear Algebra	3.00
MTH 23	Foundations of Statistical Analysis	3.00
MTH 31	Advanced Calculus I	3.00
MTH 32	Advanced Calculus II	3.00
MTH 51	Probability	3.00
MTH 61	Discrete Mathematical Structures	3.00
MTH 71	Algebraic Structures	3.00
MTH 73	Fundamental Concepts of Geometry	3.00
MTH 82	Numerical Analysis	3.00

Credit and GPA Requirements

Minimum Total Credits: 21-22

Minimum Minor GPA: 2.25

Minor in Financial Engineering

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply elective courses (21 credits) toward a minor in financial engineering. Financial engineering involves the application of mathematics to problems in finance, such as portfolio optimization, hedging, arbitrage, and risk assessment. It employs techniques from many areas of mathematics to solve financial problems encountered in banking, financial management, and consulting organizations. This undergraduate minor will begin students' education in this mathematically-demanding field and may serve as preparation for graduate study and eventual highly remunerative employment in financial centers throughout the world. Students will complete a financial engineering internship as part of this minor.

Minor in Financial Engineering Requirements**Required Financial Engineering Courses**

All of the following:

CS	113	Introduction to C++ for Financial Engineering	3.00
FIN	81	Seminar in Financial Services	3.00
MTH	9	Calculus and Analytic Geometry III	4.00
MTH	22	Applied Linear Algebra	3.00
MTH	51	Probability	3.00
MTH	53	Stochastic Calculus	3.00
MTH	96	Internship for Financial Engineering	2.00

Credit and GPA Requirements

Minimum Total Credits: 21

Minimum Minor GPA: 2.25

Mathematics Courses

MTH 01 Elementary Algebra

Provides essential background to prepare students for college-level mathematics. Topics include signed numbers, fractions, decimals, exponents, linear equations and functions, factoring, algebraic fractions, simplification of algebraic expressions, quadratic equations, and word problems. Course counts toward full-time and financial aid status only. Does not count toward degree requirements.

Credits: 3

Every Semester

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 except MTH 01.

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.

Pre requisite of math 01 with a grade of C- or better; or sufficiently high math SAT or ACT score as set by the department; or passing grade on the departmental placement test; or permission of department.

Credits: 4

Every Fall and Spring

MTH 3S College Algebra and Trigonometry

Same as MTH 3.

Five hours lecture/recitation.

Pre requisite of math 01 with a grade of C- or better; or sufficiently high math SAT or ACT score as set by the department; or passing grade on the departmental placement test; or permission of department.

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

Every Fall and Spring

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 and Spring

MTH 5 Linear Mathematics for Business and Social Science

Mathematical models for business, linear programming, matrix algebra and applications are covered.

Prerequisite of Math 4 or 4S is required. Not open to students who have taken MTH 8, except for Business Administration, Accountancy, or Dual Accountancy Students.

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 5 is required. Not open to students who have taken MTH 7.

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 and the fundamental theorem. Cannot be taken for credit by any student who has completed or is currently taking MTH 1.

Pre requisite 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 passing grade on the departmental placement test; 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, logarithmic and exponential functions, methods of integration, improper integrals and infinite series.

Prerequisite of MTH 7 with a grade of C- or better or permission of Dept 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.

Prerequisite of MTH 8 with a grade of C- or better or permission of Dept 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 17 Problem Solving

The development of problem solving strategies is based on a variety of problems.

Prerequisites of MTH 15 and 16 are required.

Credits: 3

On Occasion

MTH 18 Geometry: An Informal Approach

This course is an informal approach to geometry that stresses material from metric and nonmetric geometry related to the geometry of current elementary school programs.

Credits: 3

On Occasion

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.

Cannot be taken for credit by any student who has completed or is currently taking MTH 23, MTH 41/BIO 141 or MTH 8.

Not open to students who have taken MTH 8, 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, functions, 1-to-1, on to, 1-1 correspondence and mathematical systems.

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.

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.

Prerequisite of MTH 8 is required.

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.

Cannot be taken for credit by any student who has completed or is currently taking MTH 19 or MTH 41/BIO 141.

Prerequisite of MTH 8 is required. Not open to students who have taken MTH 19, 41 or BIO 141.

Credits: 3

Every Fall

MTH 25 Literacy in Mathematics

Learning mathematics with textual materials. Using different strategies involving reading, writing, talking and listening to make sense of mathematics and to develop insight into how these strategies can help students of varying ability levels become active participants in learning mathematics. Thus participating students will not only improve their own abilities at learning environments. The course will actively engage students in learning mathematics with texts varying in level of content background and difficulty. Specific attention will be given to strategies that support multiple opportunities accessible to students struggling with text. Materials will be chosen from different subject areas such as pre-college mathematics, calculus,

discrete mathematics, linear and abstract algebra, real and complex variables, set theory and logic, geometry and topology, and probability and statistics.

Prerequisites of MTH 8 is required.

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 corequisite 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 permission of Dept are 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.

Cannot be taken for credit by any student who has completed or is currently taking MTH 19 or 23.

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 Spring

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, expected return on portfolios, the Black-Scholes model, stochastic differential equations, risk-neutral probabilities, and options pricing.

Open to students who have received an A- or above in MTH 9 and MTH 51 or with permission of chair.

Credits: 3

On Occasion

MTH 61 Discrete Mathematical Structures

This course provides a detailed study of graphs with an introduction to lattices and develops the student's facility with constructing formal algorithms to solve problems in these areas.

Prerequisite of MTH 8 or the permission of 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 Fall

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

Alternate Fall

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 department is required.

Credits: 3

On Occasion

MTH 83 Complex Analysis

This course is an elementary introduction to functions of a complex variable, including complex numbers, analytic functions, integrals, series and

applications.

Co-requisite of MTH 32 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 3 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 95 Special Topics in Mathematics

This course is a detailed treatment of topic in analysis, algebra, mathematical modeling, contemporary applications of mathematics (such as mathematics using technology) or other branch of mathematics not covered by an existing course. This course may be repeated with different content.

Prerequisite of MTH 8 or permission of the department is required.

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 303 Mathematics for Liberal Arts - Honors Core

This course presents an overview of the fundamental concepts of contemporary mathematics, including such topics as finite systems; computer arithmetic, logic and circuits; algorithms; fractals and other patterns; game theory and the mathematics of competition; weighted voting systems; networks; probability; linear programming and curve sketching. The emphasis is on critical thinking and creative problem analysis. The seminar offers liberal arts majors with varied backgrounds an exciting approach to the elements of mathematics.

Must be in Honors College

Credits: 3

On Occasion

DEPARTMENT OF PHILOSOPHY

Phone: 516-299-2341

Chair: Professor Magee

Professor: Lothstein

Associate Professor: Welnak

Adjunct Faculty: 6

The Department of Philosophy offers a Bachelor of Arts degree in Philosophy and a minor in Philosophy that will enhance the marketability of students in any profession. A Philosophy concentration is also offered for the B.S. in Early Childhood Education (Birth to Grade 2) and the B.S. in Childhood Education (Grades 1 to 6). Courses in Philosophy are also part of the American Studies concentration for these degrees.

Faculty members are active scholars who publish regularly on subjects ranging from medical ethics to logic.

Philosophy majors are trained to analyze and tackle complex theories and enlarge their perspectives on life and the world. While we provide the essential preparation for graduate studies in the field, our main focus is to teach students to question; to understand difficult texts and ideas; and to experience the wonder and passion of thought, which prepares those who go on to other areas besides philosophy to think for themselves. A degree 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. in Philosophy

The study of philosophy offers students the opportunity to develop an appreciation for the variety of visions that give life meaning. It also provides students with the intellectual resources needed to begin the lifelong project of crafting a vision of their own. From Plato and Socrates to Freud and Sartre, from the great western and eastern religions to existentialism, from philosophy in literature to philosophy of science, students who pursue a degree in philosophy emerge with an understanding of the major thinkers and central problems of the philosophical tradition, as well as an ability to analyze philosophical texts with critical rigor. A degree in philosophy is helpful to students who are pursuing graduate work in various fields or entering professional schools.

A college degree in the field of philosophy will enrich anyone's life, but it can also be excellent preparation for a wide variety of careers. Law schools welcome philosophy majors because they can manage complex ideas, questions and analysis. Philosophy majors can thrive in the business due

to their ability to understand multiple perspectives. As technology, medicine, geopolitics and other forces increasingly give rise to moral dilemmas, those who have studied the great thinkers can provide the insights that lead to reasoned, ethical decision-making.

The 120-credit Bachelor of Arts in Philosophy comprises 30 credits in philosophy and 6 credits in foreign language, in addition to the general requirements for an LIU Post degree. Majors are encouraged to develop a coherent minor program of their choice by selecting at least 18 credits in one other area of study. Our faculty members are active scholars who publish regularly on subjects ranging from medical ethics to logic. The analytical skills you will develop are highly valuable assets for success in all professions.

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.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in Philosophy

{Program Code: 07054}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Philosophy must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits (3 credits satisfied in major)
Laboratory Science	8 credits
Language/Literature	12 credits*
Mathematics	3 - 4 credits
Social Sciences	6 credits

*Students are required to complete 6 credits in one of the following: FRE, GER, ITL, JPN, RUS, SPA.

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Philosophy Courses

All of the following:

PHI 14	Introduction to Critical Reasoning	3.00
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PHI 25	The Birth of Philosophy in the Ancient World	3.00
PHI 26	The Origins of Modern Philosophy	3.00

Elective Philosophy and Religious Philosophy Courses

Seven courses/twenty-one credits from all PHI courses

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Philosophy B.S. in Childhood Education (Grades 1 to 6) with Concentration in Philosophy

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Philosophy. This 30-credit program consists of course in Ancient and Modern Philosophy and electives in Philosophy. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Philosophy, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

MINORS

Minor in Philosophy

Undergraduate students who are pursuing a major in another subject area can apply 18 credits of elective courses toward a minor in Philosophy. The minor in philosophy at LIU Post will introduce students to the great thinkers of the ages, from Socrates and Plato to Freud and Sartre. Philosophy minors will develop critical thinking and analysis skills and be introduced to the role of philosophy in history, politics, literature, science, the law and relationships. The study of philosophy is helpful to students in all fields who are pursuing graduate work or entering professional schools.

Minor in Philosophy Requirements

Required Philosophy Courses**Two courses/six credits from the following:**

PHI	25	The Birth of Philosophy in the Ancient World	3.00
PHI	26	Origins of Modern Philosophy	3.00
PHI	31	19th-Century Philosophy: From the End of History to the Death of God	3.00
PHI	32	Recent Philosophy	3.00

Elective Philosophy CoursesAt least four courses/twelve credits from all
Philosophy (PHI) courses**Credit and GPA Requirements**

Minimum Total Credits: 18

Minimum Minor GPA: 2.25

Philosophy Courses

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.

Credits: 3

Every Fall, Spring and Summer

PHI 9 Business Ethics

Why is business ethics important? Studies have shown that unethical business practices increase the risk of scandal, harm sales, and worsen productivity. But these only give us purely self-interested reasons to business ethically. In fact, the key question here is: what responsibilities or duties do companies and their employees have to society as a whole? Trying to separate our obligations to the job from our obligations to humanity often causes otherwise decent people to do indecent things – such as concealing the risks of dangerous or defective products, dumping toxic waste in close proximity to communities, and exploiting disadvantages people for cheap labor. Taking account of the complexities of doing business in a global economy, and using timely examples, 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.

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)? What are the criteria for calling someone a terrorist? Can terrorism ever be justified? Is a “war on terrorism” a war without end? This course examines these and other philosophical questions, in relation to recent events.

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.

Credits: 3

Every Fall, Spring and Summer

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, such as newspapers, magazines, and scientific, legal and philosophical texts.

Substantial attention will be devoted to methods of critiquing arguments, and constructing sound arguments. Students will learn how to spot and to avoid 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 16 The Philosophy of Art and Beauty

What is art and why do human beings feel the need to create it? Is the nature of beauty timeless, or relative to cultures or historical periods? What do we mean by creativity in the arts? What is the relationship between art and technology? Are there objective standards of taste and of art criticism?

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 (via audio-visual media) including music, dance, painting, and sculpture.

Credits: 3

On Occasion

PHI 18 Social and Political Philosophy

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.

Credits: 3

On Occasion

PHI 19 Biomedical Ethics

This course explores philosophical issues raised by modern medical technology and practice such as abortion, euthanasia, experiments on humans and animals, genetic engineering, transplants, the responsibility of the hospital to the community, decisions about who gets limited medical resources, the issues surrounding AIDS, mental illness and behavioral control, and patient rights (which includes the right to know the truth).

Credits: 3

Every Fall

PHI 20 Faith, Reason, and Spirituality

Many people today describe themselves as “spiritual, but not religious.” But what is the meaning of “spirituality,” and how is it different from being religious? And what is it that has caused so many today to turn away from the religions they were raised in? Can these religions be reinvigorated, perhaps through what is now being called spirituality? Does science have to conflict with spirituality? Or are some people right in dismissing it as New Age irrationalism? This course raises these and other questions, exploring the varieties of

religious and spiritual experience. Students will be introduced to multiple traditions and movements, and the philosophical issues they raise.

Credits: 3

On Occasion

PHI 21 Literature as Philosophy

Can literature be philosophy? This course deals with how different literary works – short stories, poems, plays, and novels – convey philosophical ideas about life and the human condition. In addition, students will explore the different literary forms that have used by great philosophers: e.g., poetry (Parmenides, Empedocles, and Heidegger), the dialogue (Plato and Hume), aphorism (Heraclitus, Lao-Tzu, and Nietzsche), drama and the novel (Sartre and Camus). Reading selections are both classical and contemporary.

Credits: 3

On Occasion

PHI 23 The Problem of Evil

What is evil? We are often willing to call someone (or their actions) “bad,” but when does moral failure rise to the level of “evil?” How does someone become evil? Is evil purely and simply a property of human beings, or is it something that exists in the world around us? Does it make sense to speak of “physical evil” (such as disease, natural disasters, and human calamities)? If a just and loving God exists, why does he permit evil? The course considers multiple philosophical and theological treatments of the problem of evil.

Credits: 3

Not Set

PHI 24 The Jewish, Christian, and Islamic Traditions

The central concern of philosophy in the middle ages (roughly, fifth to fifteenth centuries A.D.) is the relation of philosophy to biblical religion. Which should be the supreme authority, reason and results of rational inquiry, or faith and religious revelation (as communicated in the Hebrew Bible, Christian New Testament, and the Muslim Koran)? This problem is still with us today, in such conflicts as evolution verses creationism, and the secular West verses radical Islam. Course introduces students to the ideas of Jewish, Christian, and Muslim philosophers, such as Maimonides, St. Augustine, St. Thomas Aquinas, and Averroes.

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.

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. Many of these authors exhibit an optimistic faith in reason and "progress" – a faith that still reigns supreme in the West, especially in America. 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.

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 actions of great individuals? Can we predict the course of history? Is history moving toward some kind of ultimate goal? This course examines these and other questions through an encounter with philosophers such as Augustine, Vico, Kant, Hegel, Marx, and Nietzsche.

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.

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? And what is the unconscious? Is there both a personal unconscious, and a collective unconscious shared by all of humankind? How can we interpret our dreams? Can dreams predict the future? Is it possible to manipulate our dreams while they are happening? Course covers the ideas of Western and non-Western thinkers, but centers on the philosophical psychologies of Freud and Jung and their philosophical critics. 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.

Credits: 3

On Occasion

PHI 30 Existentialism: Philosophy in the Age of Anxiety

We live in an age in which belief in God and moral absolutes has declined dramatically. Where can we look for meaning in life today? Existentialism teaches that there is no meaning to life as such, and that it is up to us to give life meaning. This is a hard truth, which some people simply cannot face, but Existentialism tells us that an authentic life is one in which we accept the responsibility of being free to choose. Existentialist thinkers of the nineteenth and twentieth centuries expressed their ideas in short stories, novels, plays, and philosophical treatises. And their ideas had an enormous influence on art, film, psychology, and politics. This course introduces students to such thinkers as Kierkegaard, Nietzsche, Sartre, Camus, and Simone de Beauvoir.

Credits: 3

On Occasion

PHI 31 19th-Century Philosophy: From the End of History to the Death of God

Is reality a construction of our minds? Can we know how things really are, or only how they appear to us? Has history run its course with the achievement, in our own time, of the highest stage of human development? Or are we moving toward a revolution in human society? Is God dead? The philosophers of the nineteenth century asked these and other provocative questions. Course covers such thinkers as Hegel, Schopenhauer, Nietzsche, and Marx. The ideas of these authors shaped such modern movements as Communism, Nazism, Existentialism, and Neo-Conservatism. You cannot understand the world today without studying its roots in nineteenth-century philosophy.

Credits: 3

On Occasion

PHI 32 Recent Philosophy

This course surveys a number of exciting areas of twenty-first 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 "post-modern" philosophy, neo-pragmatism, 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.

Credits: 3

On Occasion

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.

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? Is it possible to truly love someone in a culture like ours, which emphasizes individualism, hedonism, and self-interest? Why is sexual orientation central to our personal identity? Why is modern culture sex-obsessed – and why are so many of sexually dissatisfied? Can there be true love without sex? This course examines the nature and meaning of love and human sexuality. It covers the ideas of major philosophers, as well as psychoanalysts, writers, film-makers, and artists.

Credits: 3

On Occasion

PHI 35 Justice

What does it mean to speak of a "just society"? Does justice entail equality, or are some social inequalities both necessary and beneficial? Does social justice demand the redistribution of wealth? Is justice the same thing as "fairness"? What are rights, and how do we know that we have them? What is law, and how are laws justified? Is it right for the state to execute those who commit murder or other crimes? Can torture ever be justified? This course explores these and other issues, touching on current controversies and perennial questions.

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 (roughly, late fourteenth through sixteenth centuries A.D.). This was the period that followed the Middle Ages, when the dogmatism of the Church often had a stifling effect upon science and philosophy. In essence, the Renaissance constituted a "pagan revival," in which philosophers and artist sought to meld pagan and Christian ideas and images – some even coming dangerously close to advocating a return to pagan gods. 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 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). Pragmatism emphasizes experience over doctrine or dogma, and concrete results and consequences over fixed principles or theories. Pragmatism has played a vital role in almost every area of American intellectual and culture life. This course explores such questions as: what is uniquely American about pragmatism? What is the so-called pragmatic method and how can it be used to solve problems? What is the pragmatic theory of truth?

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.

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 and suggests that small daily exercises can change the way your mind works and have a profound and positive effect on your well-being. Drawing from both Buddhist philosophy and modern research, this course will explore the cultivation of happiness and compassion through Buddhist philosophical texts and short practical exercises. By the end of the course all students will have numerous tools they can draw from to lead a happier and more compassionate life.

Credits: 3

On Occasion

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 41 Philosophy of Science

Philosophy of Science deals with fundamental issues surrounding the very nature of science itself. These include the logic and ethics of scientific method and discovery; the difference between science and pseudo-science; the nature of scientific revolution; the role of paradigms and models in science; the justification of induction; the role of confirmation and disconfirmation in scientific research; the relationship between theory and observation. Course covers both classical and contemporary thinkers. Of special interest to any students majoring in the natural and social sciences.

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 many American religious offshoots and experimental, countercultural religious communities pose a challenge to established religious thought and practice. These communities included a multitude of backwoods utopias which flooded America, especially in the nineteenth century, and which pictured themselves as "heavens on earth." Attention will also be given to the challenges posed by multiculturalism, including the Native American and African-American traditions. 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 Knowledge and Truth

What is truth? Is there such a thing as absolute truth, or is everything "relative"? Are there different kinds of truth – for example religious truth, artistic truth, political truth? Are there different ways of knowing, or is scientific method the only valid approach to attaining genuine knowledge? Is the mind "pre-programmed" with certain ideas, or does all knowledge come from experience? Is certainty possible? These and other questions are raised by the area of philosophy known as epistemology. Both classical and contemporary philosophers are covered.

Credits: 3

On Occasion

PHI 44 Metaphysics: God, Freedom, and Immortality

Does God exist? Is there a purpose to the cosmos; a reason for being? Are our action free, or are they determined by factors beyond our control? Is the

mind the same thing as the brain, or is it something far more mysterious? Is there life after death? And what is the meaning of life? This course introduces students to these and other questions raised by the branch of philosophy called metaphysics, the study of the fundamental nature of reality. Metaphysics considers the most profound questions that can be asked in life.

Credits: 3

On Occasion

PHI 45 The Mystical Dimension of World Religion

Mysticism claims to be the inner truth of religion, accessible only to the very few. Typically, the mystics teach us that everything is one – and that in our innermost selves we are one with God, though we do not realize it. Our task is to awaken to this truth, though most people are content to live as if they were asleep. Remarkably, while the orthodox teachings of different religions often put them in opposition, their mystical teachings convey similar messages. 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 46 Moral Philosophy

This course is an examination of the major topics in traditional and contemporary moral philosophy. Topics include: the logic of moral reasoning, the idea of the good life, vices and virtues, the objectivity of moral judgments, the nature of moral obligation, rights, and duties, the legal enforcement of morality, the relations between science, religion and ethics, the role of morals in society and history. Representative selections from the major works in traditional and contemporary moral philosophy are read.

Prerequisite of 6 units of PHI (Philosophy) or permission of chair are required.

Credits: 3

On Occasion

PHI 47 Philosophy of Mythology

Mythology has been defined as "other people's religion." We tend not to think of our own religious traditions as mythology, but a myth is not the same thing as a lie. It is a way of making sense of the world and finding meaning in life. Many myths have ceased to be told and no longer resonate with us, but their meaning can be discerned through interpretation and philosophical reflection. 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? Were the minds of ancient myth-makers radically different from our own?

Credits: 3

On Occasion

PHI 63 Symbolic Logic

This introduction to modern deductive logic covers truth tables, rules of inference, formal proofs of the validity or invalidity of arguments, and first order predicate logic. The course is particularly useful for students interested in computer science and the foundations of mathematics, or who plan to study philosophy at the graduate level.

Prerequisite of PHI 14 is required.

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. The class is offered to a relatively small number of students each semester, as a tutorial offering students a greater degree of individualized instruction than they would normally in other classes. 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 303 History of Ancient Philosophy - Honors Core

The course begins with an introduction to the history of ancient Greek philosophy from the pre-Socratics to the Hellenistic philosophers. Some instructors emphasize the cultural environment in which ancient Greek philosophy originated, connecting philosophy to the other disciplines; i.e., literature and the arts, politics, etc. Some instructors discuss the non-Western ancient traditions, in particular Buddhism, Confucianism and Taoism. And some instructors extend the time frame of the course to include some of the great Medieval philosophers, such as Augustine and Aquinas. The core of the course generally consists of a reading and discussion of the major writings of

Plato and Aristotle. Equivalent to PHI 25 for Honors Program students.

Must be in Honors College

Credits: 3

Every Fall

PHI 304 History of Modern Philosophy - Honors Core

This course is an introduction to the history of modern philosophy from the Renaissance to the end of the 19th Century. The course usually begins with a discussion of the origins of modern science and early modern philosophy (i.e., Descartes). The core of the course generally consists of a reading and discussion of the representative writings of the great modern philosophers (i.e., Spinoza, Leibniz, Locke, Hume, Berkeley, Kant). Some instructors stop at Kant and the 18th Century, while others include 19th Century figures (i.e., Hegel, Marx, Mill, Kierkegaard, Nietzsche), and even some American figures (i.e., Emerson and William James). Equivalent to PHI 26 for Honors Program students.

Must be in Honors College

Credits: 3

Every Spring

PHI 422 Critical Reasoning

This course introduces students to the universal rules of critical thinking. The skills learned in this course will prove useful in all future courses, regardless of discipline, as well as in life outside the classroom. The course analyzes issues drawn from contemporary news reports, editorials, political speeches, and scientific discussions for valid and invalid forms of argumentation.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

PHI 423 Formation of the Western Mind

This course introduces students to three formative periods in the history of Western thought - ancient, medieval, and modern. These phases of the West's philosophical history involved important differences in the areas of philosophy, politics, religion, and science. We will begin by examining the Greek foundations of the West, including both its philosophical and political traditions. From this foundation, we'll turn to reason's confrontation with revelation in the Middle Ages. The impact on modern times will be highlighted through the under-appreciated medieval synthesis of reason and religion. We'll conclude with the modern period, focusing on the introduction of the scientific method, consequent scientific revolution, and its relation to the rise of modern liberalism.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

PHI 424 Introduction to Ethics

This course introduces students to various ethical perspectives. And since ethical questions pervade other spheres of human existence, we will also explore the social, political, and religious dimensions of ethical life. Some major perspectives that will be investigated include natural law theory, virtue ethics, deontology, and utilitarianism. Such approaches attempt to address problems that are central to the human condition: Should one be ethical? If so, how can one justify one's ethical stance? Finally, how can one apply these theories to one's way of life?

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

PHYSICS PROGRAM

Phone: 516-299-2447

Fax: 516-299-3944

Professors: Liebling, J. Peters

Adjunct Faculty: 4

Physicists play a critical role in applying the principles of matter and energy to solve scientific problems and make beneficial contributions to society. They work on local, national and global levels within the fields of nuclear energy, space exploration, medical research and electronics.

As a student in the Physics Program, you will receive individualized support from a network of professors who are experts in the areas of numerical astrophysics, holography, lasers and black holes. The Physics Program offers a variety of courses, including optics, thermodynamics and electromagnetism. There are internship opportunities at local businesses and organizations, including the world-renowned cancer research center Cold Spring Harbor Laboratory.

The Physics Program offers a B.A. along with a minor in Physics. Students interested in an engineering degree can participate in the Pre-Engineering Program, which offers a B.S. in Mathematics and Physics and an additional bachelor's degree in engineering from a partnering university. This program is offered with the Department of Mathematics. In conjunction with the College of Education, Information and Technology, the Physics Program offers courses which are part of the concentration in Science for the B.S. in Early Childhood Education (Birth to Grade 2) and the B.S. in Childhood Education (Grades 1 to 6).

B.A. in Physics

LIU Post offers a highly regarded Bachelor of Arts in Physics that explores all areas of this vast field, from theories of relativity and lasers to magnetic fields and electric currents. Our advanced and intermediate classes in physics are quite small – generally no more than six students. This degree can lead to graduate study in various areas, including engineering, meteorology and pharmacy.

Graduates of our program are employed as physicists, teachers, researchers, engineers, inventors and technical writers and editors.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. When students have completed fewer than 24

credits, they must also submit high school transcripts and SAT/ACT scores. It is highly recommended that students who plan to major in physics take a high school program that includes calculus or pre-calculus, and two sciences chosen from biology, chemistry and physics.

B.A. in Physics

{Program Code: 07063}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Physics must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (PHY 3 and 4)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Physics Courses

All of the following:

PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00
PHY 13	Classical Thermodynamics	3.00
PHY 16	Electricity and Magnetism	3.00
PHY 17	Mechanics I	3.00
PHY 19	Modern Physics I	3.00
PHY 29	Introduction to Astrophysics	3.00
PHY 40	Electric Circuits Laboratory	1.00

AND one of the following:

PHY 85	Independent Study	3.00
PHY 385	Honors Tutorial	3.00
PHY 386	Honors Tutorial	3.00

AND one of the following:

PHY 86	Thesis	3.00
PHY 389	Honors Thesis	3.00
PHY 390	Honors Thesis	3.00

Required Co-Related Courses

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

AND one of the following:

MTH 23	Foundations of Statistical Analysis	3.00
MTH 51	Probability	3.00

AND two of the following sequences of courses:

Biology

BIO 103	General Biology I	4.00
BIO 104	General Biology II	4.00

Chemistry

CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00

Earth Science

ERS 1	Earth Science I	4.00
ERS 2	Earth Science II	4.00

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

MINORS

Minor in Physics

Undergraduate students who are pursuing a major in another subject area can apply 17 to 18 elective courses toward a minor in Physics.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Physics Requirements

Required Physics Courses

All of the following:

PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00
PHY 19	Modern Physics I	3.00

Elective Physics Courses

At least two courses/six credits from all PHY courses numbered 13 or above

Credit and GPA Requirements

Minimum Total Credits: 17-18

Minimum Minor GPA: 2.25

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).

Credits: 3

Every Fall and Summer

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).

Credits: 3

Every Spring and Summer

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.

Three hours laboratory.

Students taking this course in fulfillment of the Core requirements must take the course with the lecture (AST 10).

Prerequisite or corequisite of AST 10 is required.

Credits: 1

Every Spring and Summer

AST 301 Our Violent Universe I - Honors Core

A broad survey of astronomy is presented, including aspects of astrophysics and cosmology, with minimal use of mathematics. Topics include the history of astronomy, the solar system, stellar evolution, and the large scale structure of the Universe. The course will also serve as an introduction to basic topics including gravity and light. The question of mankind's place in the Universe as well as the importance of scientific

inquiry will be addressed.

Three hours lecture, three hours laboratory.

Must be in Honors College

Credits: 4

Every Fall

AST 302 Our Violent Universe II - Honors Core

A broad survey of astronomy is presented, including aspects of astrophysics and cosmology, with minimal use of mathematics. Topics include the history of astronomy, the solar system, stellar evolution, and the large scale structure of the Universe. The course will also serve as an introduction to basic topics including gravity and light. The question of mankind's place in the Universe as well as the importance of scientific inquiry will be addressed.

Three hours lecture, three hours laboratory.

Prerequisite of AST 301 is required.

Credits: 4

Every Spring

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.

Prerequisite of PHY 1

Credits: 3

On Occasion

PHY 3 University Physics I

Physics 3 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.

Prerequisite or co-requisite 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.

Prerequisites of PHY 3 and MTH 7 and corequisite of MTH 8 are required.

Credits: 4

Every Fall, Spring and Summer

PHY 6 The Physics of Music

In this course, the nature and production of musical sound is related to the physical theory of wave phenomena. The quality and construction of

musical instruments and acoustic properties of concert halls are studied. Demonstrations and experiments are performed to illustrate the physical theories. No previous college work in Mathematics or Physics is required.

Three hours lecture/laboratory.

Credits: 3

On Occasion

PHY 7 Modern Physics for the Non-Scientist

A 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.

Credits: 3

On Occasion

PHY 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.

Three hours lecture when offered for three credits (same as AST 9); three hours lecture, three hours laboratory when offered for four credits (same as AST 9 with AST 9A). Students taking this course in fulfillment of the Core requirements must take the course with the laboratory.

Credits: 3 to 4

On Occasion

PHY 10 Introductory Astronomy II

Physics 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.

Three hours lecture when offered for three credits (same as AST 10); three hours lecture, three hours laboratory when offered for four credits (same as AST 10 with AST 10A). Students taking this course in fulfillment of the Core requirements must take the course with the laboratory.

Credits: 3 to 4

On Occasion

PHY 11 College Physics I

Physics 11 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.

Credits: 4

Every Fall

PHY 12 College Physics II

Physics 12 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.

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 3,4 and Prerequisite or Co-requisite of MTH 9 are required.

Credits: 3

On Occasion

PHY 14 Modern Optics

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 3,4 and Prerequisite or Co-requisite of 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

In this course, the areas covered are: statics and dynamics of rigid bodies, Lagrange's and Hamilton's equations, oscillating systems, and an introduction to the mechanics of continuous media.

Prerequisite of PHY 17 is 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 3,4 and Prerequisite or Co-requisite of MTH 9 are required.

Credits: 3

On Occasion

PHY 20 Modern Physics II

This course is a continuation of Physics 19. Topics covered include collision theory, classical and quantum statistics, solid state physics, nuclear physics, elementary particles and the Dirac equation.

Prerequisite of PHY 19 and Co-requisite of MTH 21.

Credits: 3

On Occasion

PHY 27 Advanced Laboratory I

This course is an introduction to the general techniques of experimental physics. Selected experiments in the fields of spectroscopy, heat, electricity, electronics and atomic physics are conducted.

Four hours laboratory.

Prerequisite of a PHY (Physics) course numbered above 13 is required.

Credits: 3

On Occasion

PHY 28 Advanced Laboratory II

This course is a continuation of Physics 27.

Four hours laboratory.

Prerequisite of PHY 27 is required.

Credits: 3

On Occasion

PHY 29 Introduction to Astrophysics

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.

Prerequisite of PHY 19 is required.

Credits: 3

On Occasion

PHY 40 Electrical Circuits Laboratory

A laboratory course in the design, construction and testing of a variety of electronic circuits.

Prerequisite of PHY 4 or permission of instructor is required.

Credits: 1

Not Set

PHY 41 Circuit Analysis

In this course, the basic concepts of electrical circuit theory and system analysis are introduced. Topics include: circuit elements, practical sources and semiconductor devices, steady state nodal and mesh analysis of d.c. and a.c. circuits, network theorems, filters and resonance, operational amplifiers and transformers, Laplace transforms. The course also contains a laboratory component in which students construct and test circuits.

Four hours lecture-recitation-laboratory.

Prerequisite of PHY 4 or permission of instructor is required.

Credits: 4

On Occasion

PHY 45 Electromagnetic Radiation Theory

This course examines Maxwell's equations, the wave equations and their solution, electromagnetic theory of light, cavity resonators, wave guides.

Prerequisites of PHY 16 and MTH 21 are required.

Credits: 3

On Occasion

PHY 48 Solid State Physics I

This course is an introduction to the physics of

metals, semiconductors and insulators that includes the study of crystal structure, lattice vibrations, electron motion in crystals, electrical and thermal properties, magnetism, Fermi surfaces, superconductivity.

Prerequisite of PHY 19 is required.

Credits: 3

On Occasion

PHY 49 Solid State Physics II

This course is an introduction to the physics of metals, semiconductors and insulators that includes the study of crystal structure, lattice vibrations, electron motion in crystals, electrical and thermal properties, magnetism, Fermi surfaces, superconductivity.

Prerequisite of PHY 19 is required.

Credits: 3

On Occasion

PHY 50 Digital Electronics

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 61 Advanced Topics in Physics I

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 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.

Pre requisite 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

PHY 301 Physical Universe and Imagination I - Honors Core

With developing emphasis on the historical and philosophical aspects of physics, the course will examine principles and illustrations of mechanics, heat, wave motion and sound. Intended for the non-science major, the first semester will focus on basic laws that govern our thoughts about the universe from the late Renaissance to the present century. No math beyond high school algebra is required.

Three hours lecture, three hours laboratory.

Must be in Honors College

Credits: 4

Every Fall

PHY 302 Physical Universe and Imagination II - Honors Core

From principles of Classical Physics the course will shift in the spring term to modern theories of electricity and magnetism, optics and the shattering advent of Einstein's Theory of Relativity and Heisenberg's Uncertainty Principle. We will arrive at a view of the physical world as it now appears in most current imaginative insights. For students of all majors, the course is designed to teach comprehensively the science and philosophical implications of physics.

Three hours lecture, three hours laboratory.

Prerequisite of PHY 301 is required.

Credits: 4

Every Spring

PHY 422 Modern Physics for Nonscientists: Black Holes, The Quantum, and Cosmology

Modern physics is important for all of us. Advances in physics over the past 100 years have brought us technology ranging from GPS navigation to the Internet, and shed light on some of the deepest questions concerning the nature of the Universe. Exposure to the concepts, history, and implications of modern physics is arguably an integral part of a modern liberal arts education. In this course, the physics of the last 100 years will be addressed using popular-level books and movies. Einstein's theories of relativity will be the foundation for discussing the union of space with time, black holes, wormholes, and the possibility of time travel. Quantum physics will cover the wave nature of matter, indeterminacy of wave functions, and the implications of Heisenberg's uncertainty principle. Finally, we will discuss the great strides that cosmologists have taken towards understanding the nature, structure, and evolution of our universe as a whole.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

DEPARTMENT OF POLITICAL SCIENCE / INTERNATIONAL STUDIES

Phone: 516-299-2408

Fax: 516-299-3943

Chair: Professor Freedman (Director, International Studies Program)

Professors: Klein, Muslih, Soupios

Associate Professors: Bachman (Pre-Law Advisor), Grosskopf (Graduate Director)

Adjunct Faculty: 6

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 Studies 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 and a B.A. in International Studies. In addition, students may pursue three five-year accelerated degrees: B.A./M.A. in Political Science, B.A. in Political Science/Master of Public Administration (with the Department of Health Care and Public Administration in the College of Management) and B.A. in International Studies/Master of Business Administration (with several departments in the College of Management). Four minors are offered to students in other majors: American Political Process, International Politics and Government, Political Psychology and Public Administration. Since a number of students are interested in teaching social studies, the Department offers courses which 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). A concentration in Political Science is 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). Courses in Political Science are also part of the American Studies and Social Studies concentrations for these degrees.

LIU Post also offers an extensive Pre-Law Advisement Program to help students select a curriculum that prepares them for admission to law school. 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 students' junior and senior years. Other internships are available to selected students in law offices, with judges, and at the United Nations.

Students are engaged in a panoply of extra-curricular activities, including the Political Science Association, the International Studies Association, the Pre-law Association, the Young Republican Club and Young Democrat Club. Graduating

seniors with excellent grade point averages may be eligible to be inducted into two national honor societies: Pi Gamma Mu and Pi Sigma Alpha.

B.A. in Political Science

The 120-credit Bachelor of Science 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.

Visiting professors from prestigious institutions, including the United Nations, offer insights developed in the course of careers in diplomacy, politics and public policy. A degree in political science is excellent preparation for a career in education, law, public administration, business and many other fields.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in Political Science

{Program Code: 07088}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Political Science must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (POL 2 and 3)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

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:

POL 2	Introduction to American Politics	3.00
POL 3	Introduction to Political Science	3.00
POL 15	Introduction to Research and Writing in Political Science	3.00
POL 51	International Relations	3.00
POL 64	Introduction to Comparative Politics	3.00

AND one of the following:

POL 21	American Political Theory	3.00
POL 26	European Political Theory I	3.00
POL 27	European Political Theory II	3.00
POL 303	European Political Theory I - Honors Core	3.00
POL 304	European Political Theory II - Honors Core	3.00

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

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

B.A. in International Studies

The Bachelor of Arts in International Studies prepares you for a variety of international careers. As the world becomes increasingly smaller, and each region more multicultural, there is a need for professionals who can work across cultures in technology, management and government relations.

Our vibrant curriculum equips you with the ability to think and act globally. You will engage in a comprehensive and exciting examination of international politics, economics and social relations. The flexible, interdisciplinary 120-credit program offers professional academic advisement to help you develop a course of study that suits your career goals. Distinguished professors will interact with you in small class settings and will foster the exchange of diverse information, perspectives and ideas.

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.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in International Studies

{Program Code: 84034}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in International Studies must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	12 credits*
Mathematics	3 - 4 credits
Social Sciences	6 credits (GGR 1 and 2)
Competencies	Computer, Library, Oral

*Students are required to complete 6 credits in one of the following: FRE, GER, ITL, JPN, RUS, SPA and must show level 4 proficiency (see below) For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required International Studies Courses

All of the following:

ECO 10	Introduction to Microeconomics	3.00
ECO 11	Introduction to Macroeconomics	3.00
POL 3	Introduction to Political Science	3.00
POL 51	International Relations	3.00
POL 64	Introduction to Comparative Politics	3.00

Required International Studies Capstone Course

POL 62	Research Seminar in International Studies	3.00
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Elective International Studies Courses

Three of the following:

ANT/ SOC 35	Global Cultures	3.00
POL 46	American Foreign Policy I	3.00
POL 47	American Foreign Policy II	3.00
POL 50	International Organization	3.00
POL 52	Psychological Foundations of International Relations	3.00
POL 53	International Law I	3.00
POL 54	International Law II	3.00
POL 55	Politics of the Developing Nations	3.00
POL 56	World Affairs Since 1945	3.00
POL 57	Asian Religions in World Politics	3.00
POL 58	Islam in World Politics	3.00
POL 59	China in World Politics	3.00
POL 65	Politics of the European Union	3.00
POL 66	Government and Politics of South and Southeast Asia	3.00
POL 67	Government and Politics of East Asia	3.00
POL 68	Government and Politics of Western Europe	3.00
POL 69	Government and Politics of Eastern Europe	3.00
POL 70	Government and Politics of the Middle East	3.00
POL 71	Russian Government and Politics	3.00
POL 72	Government and Politics of Africa	3.00
POL 73	Government and Politics of Latin America	3.00

Elective Economics Courses

Three of the following:

ECO/ POL 7	Political Aspects of Economics	3.00
ECO 21	Money and Banking	3.00
ECO/ GGR 25	Economic Geography	3.00

ECO 41	International Economics	3.00
ECO 42	Economics of Underdeveloped Countries	3.00
ECO 43	The Japanese Economy	3.00
ECO 44	The Transition Economies of Central Europe and the Former Soviet Union	3.00
ECO 45	Economics of the Middle East	3.00
ECO 46	Current Economic Issues	3.00
ECO 49	Economics of the Environment	3.00
ECO 54	History of Economic Thought	3.00
ECO 65	Money and Capital Markets	3.00
ECO 72	Statistics	3.00

Elective Non-American History Courses

Two of the following:

HIS 1	The West and the World to 1750	3.00
HIS 2	The West and the World Since 1750	3.00
HIS 136	Disease and History	3.00
HIS 138	History of American Militarism	3.00
HIS 140	The Ancient Middle East	3.00
HIS 141	Ancient Greece and the Mediterranean World	3.00
HIS 142	The Roman Empire	3.00
HIS 143	Monks, Saints, and Heretics: Medieval Religion	3.00
HIS 144	Medieval Europe	3.00
HIS 145	Early Modern Europe	3.00
HIS 149	Love and Hate in the Middle Ages	3.00
HIS 150	The French Revolution	3.00
HIS 151	European Cultural History, 1600-1789	3.00
HIS 152	European Women in the Age of Revolutions	3.00
HIS 153	The Family in Early Modern Europe	3.00
HIS 160	Nineteenth-Century Europe	3.00
HIS 161	Europe Since 1945	3.00

HIS	162	Age of Catastrophes: Europe 1914-1945	3.00
HIS	163	Nazi Germany	3.00
HIS	164	History as Film: European Cinema in the 20th Century	3.00
HIS	168	Russia Since 1917	3.00
HIS	180	History of Israel and Palestine	3.00
HIS	183	History of the Middle East	3.00
HIS	184	The Making of Modern Japan, 1660 to the Present	3.00
HIS	185	Modern China, 1839 to the Present	3.00
HIS	186	History of Latin America: 1000 AD to 1810 AD	3.00
HIS	187	History of Modern Latin America	3.00
HIS	188	Political Violence, "Dirty Wars," and Truth Commissions in Latin America	3.00
HIS	190	Seminar in History	3.00
HIS	201	History and the Bible	3.00
HIS	212	History of Central Asia	

Required International Studies Area of Specialization

Students must complete at least 18 credits in a specialization that explores a particular subject related to international studies in depth. The courses in this specialization must be approved by the International Studies Program Director.

Required Co-Related Courses

All of the following:

GGR	1	Human Geography: Man, Environment and Technology	3.00
GGR	2	Human Geography: The Cultural and Demographic Environment	3.00

Required Level 4 Foreign Language Proficiency

Students must pass a language-proficiency examination approved by the International Studies Program Director or complete one of the following Foreign Language courses:

FRE	4	Intermediate French II	3.00
FRE	11	Introduction to French Literature I	3.00
FRE	12	Introduction to French Literature II	3.00

GER	4	Intermediate German II	3.00
GER	11	Introduction to German Literature	3.00
GER	12	Survey of German Literature	3.00
HEB	4	Intermediate Modern Hebrew II	3.00
ITL	4	Intermediate Italian II	3.00
ITL	11	Selected Readings in Early Italian Literature	3.00
ITL	12	Selected Readings in Modern and Contemporary Italian Literature	3.00
JPN	4	Intermediate Japanese II	3.00
JPN	11	Introduction to Japanese Literature I	3.00
JPN	12	Introduction to Japanese Literature II	3.00
RUS	4	Intermediate Russian II	3.00
SPA	4	Intermediate Spanish II	3.00
SPA	11	Introduction to Peninsular Literature	3.00
SPA	12	Introduction to Spanish-American Literature	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 90
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

ACCELERATED PROGRAMS

B.A./M.A. in Political Science

This accelerated five-year program in political science offers a unique gateway to informed citizenship and prepares you for a future career in government, public policy, law, education, advocacy and activism.

In this program, you will take a close look at the nature of the state and the structure of government at all levels. You will learn about the roots of political power, and explore the intersecting roles that political ideologies, the law, economics, race and ethnicity, and psychological factors play in human governance.

Building on a wealth of courses in five subject areas – Political Theory, American Government, International Relations, Comparative Government and Public Administration – students can expand and deepen their knowledge through such electives as "Women in Contemporary Politics" and "Machiavelli and Machiavellianism: the

Acquisition, Exercise, and Maintenance of Power." Undergraduates have the opportunity to take 12 graduate credits their senior year.

The M.A. program offers two tracks. Option I, which requires writing a master's thesis, is designed for candidates who intend to pursue a doctoral degree. Students choosing Option II must pass a comprehensive examination to demonstrate a graduate-level mastery of the field. The combined bachelor's and master's degree program requires the completion of 141 credits. Designed for ambitious and talented students, this innovative five-year program offers two accredited degrees in less time and for less money.

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. Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. When students have completed fewer than 24 credits, they must also submit high school transcripts and SAT/ACT scores.
- Admission to the upper division of the B.A./M.A. in Political Science program (master's degree level) 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 graduate director in the Department of Political Science.

B.A./M.A. in Political Science

{Program Code: 79457}

Core Requirements

In addition to all major requirements, students pursuing the B.A./M.A. in Political Science must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (POL 2 and 3)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Undergraduate Political Science

Courses

All of the following:

POL 2	Introduction to American Politics	3.00
POL 3	Introduction to Political Science	3.00
POL 15	Introduction to Research and Writing in Political Science	3.00
POL 51	International Relations	3.00
POL 64	Introduction to Comparative Politics	3.00

AND one of the following:

POL 21	American Political Theory	3.00
POL 26	European Political Theory I	3.00
POL 27	European Political Theory II	3.00
POL 303	European Political Theory I - Honors Core	3.00
POL 304	European Political Theory II - Honors Core	3.00

Elective Undergraduate Political Science Courses

Two courses/six credits from all undergraduate POL courses excluding POL 95

Elective Senior-Year Graduate Political Science Courses

Four courses/twelve credits from all graduate POL courses excluding POL 700, 707 and 708

Required Graduate Political Science Course

POL 700	Political Science: Approaches and Methods	3.00
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Elective Graduate Political Science Courses

Three courses/nine credits from all graduate POL courses excluding POL 706, 707 and 708

Students must choose a capstone option (Comprehensive Exam or Thesis).

Comprehensive Exam Option Requirements

Additional Elective Graduate Political Science Courses

Three additional courses/nine credits from all graduate POL courses excluding POL 706, 707 and 708

Required Comprehensive Exam

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

Thesis Option Requirements

Required Graduate Political Science

Thesis Courses

All of the following:

POL 706	Thesis Seminar I: Thesis Research	3.00
POL 707	Research Methods	3.00
POL 708	Thesis Seminar	3.00

Credit and GPA Requirements

Minimum Total Credits (for freshmen): 141
 Minimum Total Undergraduate Credits: 108
 Minimum Graduate Credits: 33
 Minimum Undergraduate Liberal Arts Credits: 90
 Minimum Undergraduate Major GPA: 3.00
 Minimum Undergraduate Cumulative GPA: 3.00
 Minimum Graduate GPA: 3.00

B.A. in Political Science / Master of Public Administration

LIU Post offers students the unique opportunity to prepare for a career in government administration on the federal, state or local level through an accelerated, dual-degree program. In just five years students can earn both a comprehensive, liberal-arts-based undergraduate degree and a master's degree from one of the New York Metropolitan area's finest graduate programs in public administration.

The B.A. in Political Science provides a thorough examination of the institutions, forces and circumstances that shape government and the political process in the United States. From overviews of constitutional law and the legislative process to in-depth studies of such topics as "Political Psychology" or "Women and the Anglo-Saxon Legal Experience," this program will make you a better-informed citizen and provide knowledge that will aid you in your professional career. Classroom instruction by an expert faculty is augmented by targeted internships in government offices or law firms.

The Master of Public Administration (M.P.A.) is accredited by the prestigious National Association of Schools of Public Affairs and Administration. Coursework focuses on political leadership, policymaking in America and the ways in which individuals relate to society.

Upon successful completion of the required courses, students are awarded both a Bachelor of Arts in Political Science and a Master of Public Administration in five years – a full year less than if the degrees were pursued separately. Because students take some graduate courses as undergraduates, this option offers significant savings in time and money.

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. Transfer students must have completed more than 24 college

credits. A minimum college GPA of 2.0 is required for application review. When students have completed fewer than 24 credits, they must also submit high school transcripts and SAT/ACT scores.

- Admission to the upper division of the B.A. in Political Science/Master of Public Administration program (master's degree level) requires completion of at least 60 credits with a grade point average of no lower than 3.0 (B) overall and a Political Science major grade point average of no lower than 3.0 (B). Admission requires acceptance of the student by the Department of Health Care and Public Administration.

B.A. in Political Science/Master of Public Administration

(Program Code: 79455)

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Political Science/Master of Public Administration must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (POL 2 and 3)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Undergraduate Political Science Courses

All of the following:

POL 2	Introduction to American Politics	3.00
POL 3	Introduction to Political Science	3.00
POL 15	Introduction to Research and Writing in Political Science	3.00
POL 51	International Relations	3.00
POL 64	Introduction to Comparative Politics	3.00

AND one of the following:

POL 21	American Political Theory	3.00
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POL 26	European Political Theory I	3.00	POL 23	Modern China: Political Doctrines and Society	3.00	POL 55	Politics of the Developing Nations	3.00
POL 27	European Political Theory II	3.00	POL 25	Greek Political Theory	3.00	POL 56	World Affairs Since 1945	3.00
POL 303	European Political Theory I - Honors Core	3.00	POL 26	European Political Theory I	3.00	POL 57	Asian Religions in World Politics	3.00
POL 304	European Political Theory II - Honors Core	3.00	POL 27	European Political Theory II	3.00	POL 58	Islam in World Politics	3.00
<p>Required Undergraduate Political Science/Public Administration Internship Courses</p> <p>Two of the following:</p>			POL 28	Machiavelli and Machiavellianism: the Acquisition, the Exercise and the Maintenance of Power	3.00	POL 59	China in World Politics	3.00
POL 93	Political Science Internship I	3.00	POL 29	Problems in Contemporary Political Theory	3.00	POL 62	Research Seminar in International Studies	3.00
POL 93A	Political Science Internship II	3.00	POL 31	American Constitutional Law I	3.00	POL 65	Politics of the European Union	3.00
POL 93B	Political Science Internship III	3.00	POL 32	American Constitutional Law II	3.00	POL 66	Government and Politics of South and Southeast Asia	3.00
POL 93C	Political Science Internship IV	3.00	POL 34	Legislative Process	3.00	POL 67	Government and Politics of East Asia	3.00
POL 93L	Political Science Internship V	3.00	POL 35	The American Judicial Process	3.00	POL 68	Government and Politics of Western Europe	3.00
POL 94	Political Science Internship I	3.00	POL 36	Public Opinion	3.00	POL 69	Government and Politics of Eastern Europe	3.00
POL 94A	Political Science Internship II	3.00	POL 37	Political Parties	3.00	POL 70	Government and Politics of the Middle East	3.00
POL 94B	Political Science Internship III	3.00	POL 38	Radical Movements and Politics of Change in the United States	3.00	POL 71	Russian Government and Politics	3.00
POL 94C	Political Science Internship IV	3.00	POL 39	American Government: State and Local	3.00	POL 72	Government and Politics of Africa	3.00
POL 94L	Political Science Internship V	3.00	POL 40	Women and the Anglo-American Legal Experience	3.00	POL 73	Government and Politics of Latin America	3.00
POL 97	Public Administration Internship I	3.00	POL 41	The Media and the Law	3.00	POL 76	Comparative Analysis of Dictatorships	3.00
POL 98	Public Administration Internship II	3.00	POL 42	Law and Aging in America	3.00	POL 77	Political Elites	3.00
<p>Elective Undergraduate Political Science Courses</p> <p>Four of the following:</p>			POL 44	Urban Government	3.00	POL 79	Violence in Contemporary Politics	3.00
POL 4	Political Psychology	3.00	POL 45	U.S. National Security	3.00	POL 80	Administrative Behavior	3.00
POL 5	Ethnicity, Race and Politics	3.00	POL 46	American Foreign Policy I	3.00	POL 81	Political Leadership in Democratic Societies	3.00
POL 7	Political Aspects of Economics	3.00	POL 47	American Foreign Policy II	3.00	POL 82	Introduction to Public Administration	3.00
POL 10	Research Problems in Political Science	1.00	POL 48	Metropolitan-Area Problems	3.00	POL 83	Policy-Making in American Government	3.00
POL 18	Women and Contemporary Politics	3.00	POL 49	Politics and Personality: The American Context	3.00	POL 84	The Executive Process	3.00
POL 21	American Political Theory	3.00	POL 50	International Organization	3.00	POL 88	Contemporary Problems in Public Administration	3.00
POL 22	Asian Political Theory	3.00	POL 52	Psychological Foundations of International Relations	3.00	POL 90	Senior Seminar in Politics and Government	3.00
			POL 53	International Law I	3.00	POL 93	Political Science Internship I	3.00
			POL 54	International Law II	3.00	POL 93A	Political Science Internship II	3.00

POL	93B	Political Science Internship III	3.00
POL	93C	Political Science Internship IV	3.00
POL	93L	Political Science Internship V	3.00
POL	94	Political Science Internship I	3.00
POL	94A	Political Science Internship II	3.00
POL	94B	Political Science Internship III	3.00
POL	94C	Political Science Internship IV	3.00
POL	94L	Political Science Internship V	3.00
POL	97	Public Administration Internship I	3.00
POL	98	Public Administration Internship II	3.00
POL	303	European Political Theory I - Honors Core	3.00
POL	304	European Political Theory II - Honors Core	3.00
POL	400	State, Society, and the Individual: Hoxie Colloquium	3.00

Required Undergraduate Economics

Courses

All of the following:

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00

Elective Undergraduate Economics

Courses

Two courses/six credits from all ECO courses numbered 14 or above excluding ECO 95, 303 and 304

Required Graduate Public Administration

Foundation Courses

All of the following:

MPA	501	Principles of Public Administration	3.00
MPA	502	Organizational Theory and Behavior in the Health and Public Sectors	3.00
MPA	503	Economic Environment and the Public Sector	3.00
MPA	505	Analytical Methods	3.00
MPA	506	Computer Based Management Systems	3.00

MPA	507	The Policy Process in Health Care and Public Administration	3.00
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Required Graduate Public Administration

Capstone Seminar Courses

All of the following:

MPA	707	Thesis Research Consultation	3.00
MPA	708	Thesis Research Consultation	3.00

Students must choose either a concentration in Public Administration or Nonprofit Management.

General Public Administration

Concentration Requirements

Required Graduate General Public

Administration Advanced Core Courses

All of the following:

PAD	602	Human Resource Administration in the Public Sector	3.00
PAD	603	Foundations of Budgeting and Finance in the Public Sector	3.00
PAD	604	Administrative Responsibility and the Legal Environment in the Public Sector	3.00

Elective Graduate Public Administration

Courses

Three courses/nine credits of the following:

PAD	712	Environmental Law and Administration	3.00
PAD	714	Seminar in the Politics of Environmental Control	3.00
PAD	715	Environmental Pollution	3.00
PAD	716	Coastal Zone Management	3.00
PAD	717	Environmental Impact Analysis	3.00
PAD	725	Governmental Regulation of Land Use	3.00
PAD	729	Environmental Planning	3.00
PAD	748	Managing Metropolitan Government	3.00
PAD	780	Current Issues in Public Administration	3.00

Nonprofit Management

Concentration Requirements

Required Graduate Nonprofit

Management Core Courses

All of the following:

NPM	650	Introduction to Nonprofit Management	3.00
NPM	651	Fundraising and Development for Nonprofit Organizations	3.00
NPM	652	Human Resource Management in Nonprofit Organizations	3.00
NPM	653	Financial Management in Nonprofit Organizations	3.00
NPM	654	Legal, Ethical and Governance Issues in Nonprofit Organizations	3.00

Elective Graduate Public Administration

Course

One course/three credits of the following:

MPA	701	Managerial Communications	3.00
MPA	706	Work, People and Productivity	3.00
MPA	713	Grant Writing and Administration	3.00
MPA	721	Quality Improvement and Strategies	3.00

Credit and GPA Requirements

Minimum Total Credits: 150

Minimum Total Undergraduate Credits: 108

Minimum Graduate Credits: 42

Minimum Undergraduate Liberal Arts Credits: 90

Minimum Undergraduate Major GPA: 3.00

Minimum Undergraduate Cumulative GPA: 3.00

Minimum Graduate GPA: 3.00

**B.A. in International Studies/
Master of Business
Administration**

This exciting accelerated degree program offers a 21st century alternative to traditional business education. Designed for today's interdependent world – where political and economic forces operate in a global arena – the 5-year program combines an undergraduate education in global studies with a comprehensive M.B.A. preparation in management, marketing, finance and world business. Upon graduation, students will be uniquely equipped for careers in multinational corporations, government and international organizations.

To further their understanding of world politics, global environmental issues and international business planning, students have the option of studying abroad for a junior-year semester at Long Island University's Global College centers in China or India.

The only program of its kind on Long Island,

the B.A. in International Studies/M.B.A. draws on the strengths of the LIU Post College of Liberal Arts and Sciences – renowned for its international studies offerings – and LIU Post’s College of Management, which is one of the elite 5 percent of M.B.A. programs accredited by the Association to Advance Collegiate Schools of Business, and is regularly listed in The Princeton Review’s “Best 296 Business Schools.”

Upon successful completion of the required courses, students are awarded both a Bachelor of Arts in International Studies and the Master of Business Administration – a full year less than if the degrees were pursued separately. Because students take some graduate courses as undergraduates, this option offers significant savings in time and money.

The combined bachelor’s and M.B.A. degree program requires the completion of 150 credits 111 undergraduate credits and 39 graduate credits for the M.B.A.

ADMISSION REQUIREMENTS

- **Freshmen:** 85 high school average and minimum SAT score of 1100 (minimum 570 Critical Reading) or ACT score of 24 (minimum 24 English)
- **Transfers:** Minimum 3.2 GPA and satisfactory completion of advancement interview
- **Admission to the M.B.A. Portion of the Degree Program:** Requires minimum undergraduate GPA of 3.4, submission of acceptable application package and competitive GMAT score

B.A. in International Studies/Master of Business Administration

(Program Code 86347)

Core Requirements

In addition to all major requirements, students pursuing the B.A. in International Studies/Master in Business Administration must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	12 credits*
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits (GGR 1 and 2)

*Students are required to complete 6 credits in one of the following: FRE, GER, ITL, JPN, RUS, SPA and must show level 4 proficiency (see below) For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required International Studies Courses

All of the following:

ECO 10	Introduction to Microeconomics	3.00
ECO 11	Introduction to Macroeconomics	3.00
ECO 21	Money and Banking	3.00
ECO 72	Statistics	3.00
POL 3	Introduction to Political Science	3.00
POL 51	International Relations	3.00
POL 64	Introduction to Comparative Politics	3.00

Required International Studies Capstone Course

POL 62	Research Seminar in International Studies	3.00
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Elective International Studies Courses

Three of the following:

ANT/ SOC 35	Global Cultures	3.00
POL 46	American Foreign Policy I	3.00
POL 47	American Foreign Policy II	3.00
POL 50	International Organization	3.00
POL 52	Psychological Foundations of International Relations	3.00
POL 53	International Law I	3.00
POL 54	International Law II	3.00
POL 55	Politics of the Developing Nations	3.00
POL 56	World Affairs Since 1945	3.00
POL 57	Asian Religions in World Politics	3.00
POL 58	Islam in World Politics	3.00
POL 59	China in World Politics	3.00
POL 65	Politics of the European Union	3.00
POL 66	Government and Politics of South and Southeast Asia	3.00
POL 67	Government and Politics of East Asia	3.00
POL 68	Government and Politics of Western Europe	3.00
POL 69	Government and Politics of Eastern Europe	3.00
POL 70	Government and Politics of the Middle East	3.00

POL 71	Russian Government and Politics	3.00
POL 72	Government and Politics of Africa	3.00
POL 73	Government and Politics of Latin America	3.00

Elective Economics Course

One of the following:

ANT/ SOC 35	Global Cultures	3.00
ECO/ POL 7	Political Aspects of Economics	3.00
ECO/ GGR 25	Economic Geography	3.00
ECO 41	International Economics	3.00
ECO 42	Economics of Underdeveloped Countries	3.00
ECO 43	The Japanese Economy	3.00
ECO 44	The Transition Economies of Central Europe and the Former Soviet Union	3.00
ECO 45	Economics of the Middle East	3.00
ECO 46	Current Economic Issues	3.00
ECO 49	Economics of the Environment	3.00
ECO 54	History of Economic Thought	3.00
ECO 65	Money and Capital Markets	3.00

Elective Non-American History Courses

Two of the following:

HIS 1	The West and the World to 1750	3.00
HIS 2	The West and the World Since 1750	3.00
HIS 136	Disease and History	3.00
HIS 138	History of American Militarism	3.00
HIS 140	The Ancient Middle East	3.00
HIS 141	Ancient Greece and the Mediterranean World	3.00
HIS 142	The Roman Empire	3.00
HIS 143	Monks, Saints, and Heretics: Medieval Religion	3.00
HIS 144	Medieval Europe	3.00
HIS 145	Early Modern Europe	3.00

HIS	149	Early Modern France: From Renaissance to Revolution	3.00
HIS	150	The French Revolution	3.00
HIS	151	European Cultural History, 1600-1789	3.00
HIS	152	European Women in the Age of Revolutions	3.00
HIS	153	The Family in Early Modern Europe	3.00
HIS	160	Nineteenth-Century Europe	3.00
HIS	161	Europe Since 1945	3.00
HIS	162	Age of Catastrophes: Europe 1914-1945	3.00
HIS	163	Nazi Germany	3.00
HIS	164	History as Film: European Cinema in the 20th Century	3.00
HIS	168	Russia Since 1917	3.00
HIS	180	History of Israel and Palestine	3.00
HIS	183	History of the Middle East	3.00
HIS	184	The Making of Modern Japan, 1660 to the Present	3.00
HIS	185	Modern China, 1839 to the Present	3.00
HIS	186	History of Latin America: 1000 AD to 1810 AD	3.00
HIS	187	History of Modern Latin America	3.00
HIS	188	Political Violence, "Dirty Wars," and Truth Commissions in Latin America	3.00
HIS	190	Seminar in History	3.00
HIS	201	History and the Bible	3.00
HIS	212	History of Central Asia	3.00

Required Co-Related Courses

All of the following:

GGR	1	Human Geography: Man, Environment and Technology	3.00
GGR	2	Human Geography: The Cultural and Demographic Environment	3.00
MTH	5	Linear Mathematics for Business and Social Science	3.00

MTH	6	Calculus for Business and Social Science	3.00
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Required Level 4 Foreign Language

Proficiency

Students must pass a language-proficiency examination approved by the International Studies Program Director or complete one of the following Foreign Language courses:

FRE	4	Intermediate French II	3.00
FRE	11	Introduction to French Literature I	3.00
FRE	12	Introduction to French Literature II	3.00
GER	4	Intermediate German II	3.00
GER	11	Introduction to German Literature	3.00
GER	12	Survey of German Literature	3.00
HEB	4	Intermediate Modern Hebrew II	3.00
ITL	4	Intermediate Italian II	3.00
ITL	11	Selected Readings in Early Italian Literature	3.00
ITL	12	Selected Readings in Modern and Contemporary Italian Literature	3.00
JPN	4	Intermediate Japanese II	3.00
JPN	11	Introduction to Japanese Literature I	3.00
JPN	12	Introduction to Japanese Literature II	3.00
RUS	4	Intermediate Russian II	3.00
SPA	4	Intermediate Spanish II	3.00
SPA	11	Introduction to Peninsular Literature	3.00
SPA	12	Introduction to Spanish-American Literature	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
GBA	521	Financial Accounting and Reporting	3.00
MAN	11	Principles of Management	3.00
MAN	75	International Management and Cross Cultural Behavior	3.00

MBA	620	Managing Information Technology and e-Commerce	3.00
MBA	625	Global Business: Environment and Operations	3.00
MKT	11	Marketing Principles and Practices	3.00
MKT	70	International Business: The Firm & Environment	3.00

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
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Credit and GPA Requirements

Minimum Total Credits: 153
 Minimum Total Undergraduate Credits: 114
 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

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Political Science

B.S. in Childhood Education (Grades 1 to 6) with Concentration in Political Science

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Political Science. This 30-credit program consists of courses in American and European political system along with electives from all areas of Political Science. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Political Science, please see the

College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Social Studies
B.S. in Childhood Education (Grades 1 to 6) with Concentration in Social Studies

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Social Studies. This 30-credit program consists of courses from Economics, History, Geography, Political Science and Sociology/Anthropology. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Social Studies, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Social Studies (Grades 7 to 12)

Students seeking to be initially certified to teach Social Studies in secondary schools in New York State should pursue the B.S. in Adolescence Education: Social Studies (Grades 7 to 12). This degree combines courses from Economics, Geography, History, Political Science and Sociology/Anthropology with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

MINORS

Minor in American Political Process

Undergraduate students who are pursuing a major in another subject area can apply 21 credits of elective courses toward a minor in American Political Process.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in American Political Process Requirements

Required Political Science Courses

All of the following:

POL 2	Introduction to American Politics	3.00
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POL 3	Introduction to Political Science	3.00
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POL 34	Legislative Process	3.00
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Elective Political Science Courses

At least four courses/twelve credits from the following:

POL 21	American Political Theory	3.00
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POL 26	European Political Theory I	3.00
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POL 27	European Political Theory II	3.00
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POL 31	American Constitutional Law I	3.00
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POL 32	American Constitutional Law II	3.00
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POL 35	The American Judicial Process	3.00
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POL 36	Public Opinion	3.00
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POL 37	Political Parties	3.00
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POL 38	Radical Movements and Politics of Change in the United States	3.00
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POL 39	American Government: State and Local	3.00
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POL 40	Women and the Anglo-American Legal Experience	3.00
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POL 44	Urban Government	3.00
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POL 46	American Foreign Policy I	3.00
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POL 47	American Foreign Policy II	3.00
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POL 48	Metropolitan-Area Problems	3.00
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POL 49	Politics and Personality: The American Context	3.00
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Credit and GPA Requirements

Minimum Total Credits: 21

Minimum Minor GPA: 2.25

Minor in International Politics and Government

Undergraduate students who are pursuing a major in another subject area can apply 21 credits of elective courses toward a minor in International Politics and Government.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in International Politics and Government Requirements

Required Political Science Courses

All of the following:

POL 3	Introduction to Political Science	3.00
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POL 51	International Relations	3.00
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Elective Political Science Courses

Two courses/six credits from the following:

POL 21	American Political Theory	3.00
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POL 26	European Political Theory I	3.00
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POL 62	Research Seminar in International Studies	3.00
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POL 64	Introduction to Comparative Politics	3.00
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AND three courses/nine credits from the following:

POL 23	Modern China: Political Doctrines and Society	3.00
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POL 45	U.S. National Security	3.00
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POL 46	American Foreign Policy I	3.00
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POL 47	American Foreign Policy II	3.00
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POL 50	International Organization	3.00
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POL 52	Psychological Foundations of International Relations	3.00
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POL 53	International Law I	3.00
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POL 54	International Law II	3.00
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POL 55	Politics of the Developing Nations	3.00
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POL 56	World Affairs Since 1945	3.00
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POL 57	Asian Religions in World Politics	3.00
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POL 58	Islam in World Politics	3.00
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POL 59	China in World Politics	3.00
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POL 65	Politics of the European Union	3.00
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POL 66	Government and Politics of South and Southeast Asia	3.00
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POL 67	Government and Politics of East Asia	3.00
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POL 68	Government and Politics of Western Europe	3.00
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POL 69	Government and Politics of Eastern Europe	3.00
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POL	70	Government and Politics of the Middle East	3.00
POL	71	Russian Government and Politics	3.00
POL	72	Government and Politics of Africa	3.00
POL	73	Government and Politics of Latin America	3.00

Credit and GPA Requirements

Minimum Total Credits: 21

Minimum Minor GPA: 2.25

Minor in International Studies

Undergraduate students who are pursuing a major in another subject area can apply 30 credits of elective courses toward a minor in International Studies.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in International Studies

Requirements

Required International Studies Courses

All of the following:

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00
POL	51	International Relations	3.00
POL	64	Introduction to Comparative Politics	3.00

Elective International Studies Courses

Two courses/six credits of the following:

ANT/ SOC	35	Global Cultures	3.00
POL	46	American Foreign Policy I	3.00
POL	50	International Organization	3.00
POL	52	Psychological Foundations of International Relations	3.00
POL	53	International Law I	3.00
POL	54	International Law II	3.00
POL	55	Politics of the Developing Nations	3.00
POL	56	World Affairs Since 1945	3.00
POL	57	Asian Religions in World Politics	3.00
POL	58	Islam in World Politics	3.00
POL	59	China in World Politics	3.00

POL	65	Politics of the European Union	3.00
POL	66	Government and Politics of South and Southeast Asia	3.00
POL	67	Government and Politics of East Asia	3.00
POL	68	Government and Politics of Western Europe	3.00
POL	69	Government and Politics of Eastern Europe	3.00
POL	70	Government and Politics of the Middle East	3.00
POL	71	Russian Government and Politics	3.00
POL	72	Government and Politics of Africa	3.00
POL	73	Government and Politics of Latin America	3.00

AND two courses/six credits from the following:

ANT/ SOC	35	Global Cultures	3.00
ECO/ POL	7	Political Aspects of Economics	3.00
ECO	21	Money and Banking	3.00
ECO/ GGR	25	Economic Geography	3.00
ECO	41	International Economics	3.00
ECO	42	Economics of Underdeveloped Countries	3.00
ECO	43	The Japanese Economy	3.00
ECO	44	The Transition Economies of Eastern Europe and the Former Soviet Union	3.00
ECO	45	Economics of the Middle East	3.00
ECO	46	Current Economic Issues	3.00
ECO	49	Economics of the Environment	3.00
ECO	54	History of Economic Thought	3.00
ECO	72	Statistics	3.00

Required Co-Related International

Studies Courses

Two courses/six credits from the following:

GGR	1	Human Geography: Man, Environment and Technology	3.00
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GGR	2	Human Geography: The Cultural and Demographic Environment	3.00
HIS	1	The West and the World to 1750	3.00
HIS	2	The West and the World Since 1750	3.00
HIS	136	Disease and History	3.00
HIS	138	History of American Militarism	3.00
HIS	140	The Ancient Middle East	3.00
HIS	141	Ancient Greece and the Mediterranean World	3.00
HIS	142	The Roman Empire	3.00
HIS	143	Monks, Saints, and Heretics: Medieval Religion	3.00
HIS	144	Medieval Europe	3.00
HIS	145	Early Modern Europe	3.00
HIS	149	Love and Hate in the Middle Ages	3.00
HIS	150	The French Revolution	3.00
HIS	151	European Cultural History, 1600-1789	3.00
HIS	152	European Women in the Age of Revolutions	3.00
HIS	153	The Family in Early Modern Europe	3.00
HIS	160	Nineteenth-Century Europe	3.00
HIS	161	Europe Since 1945	3.00
HIS	162	Age of Catastrophes: Europe 1914-1945	3.00
HIS	163	Nazi Germany	3.00
HIS	164	History as Film: European Cinema in the 20th Century	3.00
HIS	168	Russia Since 1917	3.00
HIS	180	History of Israel and Palestine	3.00
HIS	183	History of the Middle East	3.00
HIS	184	The Making of Modern Japan, 1660 to the Present	3.00
HIS	185	Modern China, 1839 to the Present	3.00
HIS	186	History of Latin America: 1000 AD to 1810 AD	3.00

HIS	187	History of Modern Latin America	3.00
HIS	188	Political Violence, "Dirty Wars," and Truth Commissions in Latin America	3.00
HIS	190	Seminar in History	3.00
HIS	201	History and the Bible	3.00
HIS	212	History of Central Asia	3.00

Required Level 4 Foreign Language

Proficiency

Students must pass a language-proficiency examination approved by the International Studies Program Director or complete one of the following Foreign Language courses:

FRE	4	Intermediate French II	3.00
FRE	11	Introduction to French Literature I	3.00
FRE	12	Introduction to French Literature II	3.00
GER	4	Intermediate German II	3.00
GER	11	Introduction to German Literature	3.00
GER	12	Survey of German Literature	3.00
HEB	4	Intermediate Modern Hebrew II	3.00
ITL	4	Intermediate Italian II	3.00
ITL	11	Selected Readings in Early Italian Literature	3.00
ITL	12	Selected Readings in Modern and Contemporary Italian Literature	3.00
JPN	4	Intermediate Japanese II	3.00
JPN	11	Introduction to Japanese Literature I	3.00
JPN	12	Introduction to Japanese Literature II	3.00
RUS	4	Intermediate Russian II	3.00
SPA	4	Intermediate Spanish II	3.00
SPA	11	Introduction to Peninsular Literature	3.00
SPA	12	Introduction to Spanish-American Literature	3.00

Credit and GPA Requirements

Minimum Total Credits: 30
Minimum Minor GPA: 2.25

Minor in Political Psychology

Undergraduate students who are pursuing a major in another subject area can apply 21 credits of elective courses toward a minor in Political Psychology.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Political Psychology

Requirements

Required Political Science/Psychology

Courses

All of the following:

POL	3	Introduction to Political Science	3.00
POL	4	Political Psychology	3.00
PSY	1	General Psychology I	3.00
PSY	2	General Psychology II	3.00

Elective Political Psychology Courses

Three courses/nine credits from the following:

POL/S	19	Political Sociology	3.00
OC			
POL	36	Public Opinion	3.00
POL	49	Politics and Personality: The American Context	3.00
POL	52	Psychological Foundations of International Relations	3.00
POL	81	Political Leadership in Democratic Societies	3.00
POL	84	The Executive Process	3.00

Credit and GPA Requirements

Minimum Total Credits: 21
Minimum Minor GPA: 2.25

Minor in Public Administration

Undergraduate students who are pursuing a major in another subject area can apply 21 credits of elective courses toward a minor in Public Administration.

A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Public Administration

Requirements

Required Public Administration Courses

All of the following:

POL	34	Legislative Process	3.00
POL	39	American Government: State and Local	3.00

POL	97	Public Administration Internship I	3.00
POL	98	Public Administration Internship II	3.00

Elective Public Administration Courses

Three courses/nine credits of the following:

POL	80	Administrative Behavior	3.00
POL	82	Introduction to Public Administration	3.00
POL	83	Policy-Making in American Government	3.00
POL	84	The Executive Process	3.00
POL	88	The Contemporary Problems in Public Administration	3.00

Credit and GPA Requirements

Minimum Total Credits: 21
Minimum Minor GPA: 2.25

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.

Through LIU Post's Cooperative Education Office, students have opportunities to intern in the legal field with federal district court judges, Nassau and Suffolk County officials, law firm and legal publishers. These internships often result in valuable 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.

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. Must be taken by all Political Science majors. Special sections are offered for students in the Program for Academic Success (P sections) and for non-native speakers (F sections).

Credits: 3

Every Fall, Spring and Summer

POL 2F Introduction to American Politics

Same as POL 2. For international students only.

Credits: 3

On Occasion

POL 2P Introduction to American Politics

Same as POL 2. For students in the Program for Academic Success.

Four hours lecture/recitation.

Must be in Program for Academic Success.

Credits: 3

Every Spring

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. Must be taken by all Political Science majors. Special sections are offered for students in the Program for Academic Success (P sections) and for non-native speakers (F sections).

Credits: 3

Every Fall, Spring and Summer

POL 3F Introduction to Political Science

Same as POL 3. For international students only. Same as POL 1F prior to Fall 2014.

Credits: 3

Annually

POL 3P Introduction to Political Science

Same as POL 3. For students in the Program for Academic Success.

Four hours lecture/recitation.

Same as POL 1P prior to Fall 2014.

Must be in Program for Academic Success.

Credits: 3

Every Fall

POL 4 Political Psychology

This course is an analysis of the relationship between psychological phenomena and the formation, maintenance and transformation of political beliefs and behavior.

Credits: 3

On Occasion

POL 5 Ethnicity, Race and Politics

The influences of race and ethnicity on politics within selected states and regions of the world are covered in this course.

Credits: 3

On Occasion

POL 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

On Occasion

POL 10 Research Problems in Political Science

This course may be taken more than once by Political Science majors.

Credits: 1 to 3

On Occasion

POL 15 Introduction to Research and Writing in Political Science

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.

Pre requisite of POL 1 or POL 2 is required

Credits: 3

Annually

POL 18 Women and Contemporary Politics

This course is an examination of the current political role of women and an evaluation of their impact on the political system.

Credits: 3

On Occasion

POL 19 Political Sociology

This course is an examination of power in society: definitions, theories, and studies of who has power to do what to whom. In addition, the course includes: the symbolic uses of politics, the politics of status, the subordination of economics interests, the political roles of intellectuals, voting and political participation, democracy, totalitarianism and mass society.

Same as SOC 19.

Credits: 3

On Occasion

POL 21 American Political Theory

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.

Credits: 3

Every Fall

POL 22 Asian Political Theory

This course is an analysis and discussion of selected writers and doctrines in the tradition of Asian thought about politics and society from the classical period to the present.

Credits: 3

On Occasion

POL 23 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

On Occasion

POL 25 Greek Political Theory

This course is an intensive study of Greek political theory with special emphasis on the works of Plato and Aristotle plus an analysis of the major philosophical premises of the Stoic and Epicurean Schools. Specific topics include the Hellenic theory of human nature, the notion of cosmos, political psychology, the teleological view of the state, the concept of justice and the development of natural law theory.

Credits: 3

On Occasion

POL 26 European Political Theory I

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.

Credits: 3

Alternate Years

POL 27 European Political Theory II

The nature of man, the state, government, law and the nature of political theory are seen through selected writings from Machiavelli to the present. This course, or Political Science 26, must be taken by all Political Science majors.

Credits: 3

Alternate Years

POL 28 Machiavelli and Machiavellianism: the Acquisition, the Exercise and the Maintenance of Power

This course is a study of the main ideas of Machiavelli and their impact on modern political thought. Selected works of Machiavelli and his followers are analyzed and discussed.

Credits: 3

On Occasion

POL 29 Problems in Contemporary Political Theory

This course is an analysis of selected problems of contemporary political ideologies in relation to their political, social and intellectual backgrounds. Stress is given to liberalism, socialism, communism, fascism and conservatism.

Credits: 3

On Occasion

POL 31 American Constitutional Law I

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.

Credits: 3

Every Fall

POL 32 American Constitutional Law II

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.

Credits: 3

Every Spring

POL 33 Law and Film

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.

Credits: 3

On Occasion

POL 34 Legislative Process

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.

Credits: 3

On Occasion

POL 35 The American Judicial Process

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.

Credits: 3

On Occasion

POL 36 Public Opinion

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.

Credits: 3

On Occasion

POL 37 Political Parties

This course covers the development, organization, and activities of American political parties and the social and political conditions that influence their character and purpose.

Credits: 3

On Occasion

POL 38 Radical Movements and Politics of Change in the United States

This course studies the growth of organizations and associations representing the interests of the radical movements in the United States and their impact on the political scene.

Credits: 3

On Occasion

POL 39 American Government: State and Local

This course is a study of the constitutional structure, major functions and operations of state and local governments.

Credits: 3

Every Fall

POL 40 Women and the Anglo-American Legal Experience

This course covers the legal position of women as it developed from English common law into American law. Among other topics, the following are considered: English common law and its initial effect on present American law; domestic relations; political and civil rights; abortion, adoption, and sterilization; equal opportunity employment and pay issues; credit; and women in the American legal profession.

Credits: 3

On Occasion

POL 41 The Media and the Law

This course is a study of the law and ethics of the communications media. A special examination is made of their rights, risks, restraints and responsibilities. Included are freedom of the press, privilege, libel, self-regulatory codes, prior restraint, copyright, licensing, governmental controls. Same as CMA 10.

Credits: 3

On Occasion

POL 42 Law and Aging in America

A general introduction to law as it relates to gerontology. The course covers statutory, case and administrative law. Consideration is given to entitlement programs, tax implications, disposition of property upon death or incompetence, housing for the elderly, medical care and sources of income.

Credits: 3

On Occasion

POL 44 Urban Government

This course examines the urban community: its legal basis, functions and problems with a special reference to the various approaches to the study of community power.

Credits: 3

On Occasion

POL 45 U.S. 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

On Occasion

POL 46 American Foreign Policy I

This course covers 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

On Occasion

POL 47 American Foreign Policy II

This course covers contemporary issues in the formulation and implementation of American foreign policy.

Credits: 3

On Occasion

POL 48 Metropolitan-Area Problems

This course uses an interdisciplinary approach to current problems of the metropolitan region. The course examines major issues from the viewpoint of the social sciences. A seminar approach is used with emphasis on writing a paper under the supervision of an instructor.

Credits: 3

On Occasion

POL 49 Politics and Personality: The American Context

This course focuses on the impact of personality on politics. An examination is made of the meaning of "personality" in political science and the responsiveness of the political environment to the psychological aspect of political performance by citizens, activists and leaders. Political style, behavior and choices are viewed in relation to concepts of identity and need, conflict management, etc.

Credits: 3

On Occasion

POL 50 International Organization

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

On Occasion

POL 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.

Credits: 3

Every Fall

POL 52 Psychological Foundations of International Relations

This course is an examination of the psychological factors affecting interactions (behavior) among nations with an emphasis on perception and misperception, aggression, the management of

conflict and decision-making.

Credits: 3

On Occasion

POL 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

On Occasion

POL 54 International Law II

This course is a study of international law to determine its development, changing nature, and the various methods used to enforce it, with special reference to codes of conduct, rights of nationals abroad and the treaties and conventions that make up this body of law.

Credits: 3

On Occasion

POL 55 Politics of the Developing Nations

This course is a survey of problems of new nations as developing areas, trends in political structure and ideologies, problems of economic development, relationships to existing great powers.

Credits: 3

On Occasion

POL 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

On Occasion

POL 57 Asian Religions in World Politics

The doctrines, practices, and institutions of selected Asian religions with special attention to their role in contemporary world politics are examined in this course.

Credits: 3

On Occasion

POL 58 Islam in World Politics

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.

Credits: 3

On Occasion

POL 59 China in World Politics

This course is an analysis and discussion of the international politics and foreign relations of China.

Credits: 3

On Occasion

POL 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

On Occasion

POL 62 Research Seminar in International Studies

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

On Occasion

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

Every Fall and Spring

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 66 Government and Politics of South and Southeast Asia

This course cover 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

On Occasion

POL 67 Government and Politics of East Asia

This course is an examination of the political institutions and processes of China, Japan and Korea.

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 69 Government and Politics of Eastern Europe

This course covers internal government structures, principles and practices of leading Eastern 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 71 Russian Government and Politics

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

On Occasion

POL 72 Government and Politics of Africa

This course covers the internal government structures, principles and practices of selected countries in Africa.

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 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 77 Political Elites

This course is a survey of the major concepts, theories, and approaches to political leadership that focuses on the recruitment, socialization, and circulation of those who rule, elite/mass relations and the role of elites in the policy process.

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 81 Political Leadership in Democratic Societies

This course is a study of the theory and practices of leadership applied to selected democratic societies.

Credits: 3

On Occasion

POL 82 Introduction to Public Administration

This course studies the structures and operations of the American administrative system with a review of some problems inherent in bureaucracy.

Credits: 3

On Occasion

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 political 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 84 The Executive Process

This course examines the requirements of institutional leadership; internal and external communications; the selections, use and evaluation of staff; advice; patterns of delegation and control; and political relations.

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 90 Senior Seminar in Politics and Government

Seniors majoring in Political Science consider a given topic chosen by the instructor. The topic varies from year to year.

Credits: 3

On Occasion

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: 3

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 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, HIS 95 and SOC 95.

Prerequisite of Adolescent Education Social Studies major is required.

Credits: 3

Annually

POL 97 Public Administration Internship I

Placement within a government agency provides administrative experience in the operations of the public sector.

Prerequisite of junior or senior status and Political Science major.

Credits: 3

Annually

POL 98 Public Administration Internship II

Placement within a government agency provides administrative experience in the operations of the public sector.

Prerequisite of junior or senior status and Political Science major.

Credits: 3

Annually

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.

Must be in Honors College

Credits: 3

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.

Must be in Honors College

Credits: 3

Every Spring

POL 400 State, Society, and the Individual: Hoxie Colloquium

This course is a cross-disciplinary colloquium focusing on issues confronting the human community. Enrollment is limited to three advanced students selected by each of the participating departments. The course is led on a

rotating basis by faculty from the departments of Earth and Environmental Science, Economics, History, Political Science/International Studies and Sociology/Anthropology. The faculty member leading the colloquium topic selects the colloquium's topic in consultation with the participating departments. Open to students with advanced standing (ordinarily senior status) in the participating department.

Same as ANT 400, ECO 400, GGR 400, HIS 400 and SOC 400.

Prerequisite of Senior status is required.

Credits: 3

On Occasion

POL 422 Global Affairs Since 1945

This class will combine a close examination of international relations (IR) theories, with real world issues and events. We will begin with theoretical discussions about how IR scholars study and understand world events. The class then discusses the major events of the Cold War and changes in both our thinking about world politics and events since the end of the Cold War in 1990. The second half of the semester will focus on current events that include national security issues, as well as economic issues, and questions of human welfare.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

POL 423 American Foreign Policy: Past, Present and Future

This course covers the history of American foreign policy since 1945. We will analyze past, and current policy questions, and look at the future of U.S. Policy. We will focus on policy evaluation. What consequences did these policies produce for the U.S. and for the rest of the international community? Were these decisions good or bad for American Foreign policy? How much does American Foreign Policy affect the world we live in?

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

DEPARTMENT OF PSYCHOLOGY

Phone: 516-299-2377

Fax: 516-299-3105

Chair: Professor Frye (Graduate Director)

Professors: Feindler (Director, Clinical Psychology Doctoral Program), Keisner, Knafo, Rathus, Rossi

Associate Professors: Campbell, Diener, Goodman, Neill, Ortiz, Tepper, Vidair

Adjunct Faculty: 14

The Department of Psychology offers a B.A. and B.S. in Psychology. In conjunction with the College of Education, Information and Technology, a concentration in Psychology is offered for students pursuing the B.S. in Early Childhood Education (Birth to Grade 2) and the B.S. in Childhood Education (Grades 1 to 6). A minor in Psychology is also available to students in other majors.

Undergraduate courses encompass child and adult psychology, abnormal behavior, therapy and psychological testing. The curricula explores the sciences of psychology – learning, perception, behavioral neuroscience, developmental processes, and normal and abnormal processes – and their practical applications. In addition to classroom studies, students gain hands-on experience at community youth centers, hospitals, human resource departments or private counseling practices.

The faculty's expertise spans many areas, including marriage and family, hypnosis, sexuality, adolescent behavior, neuroscience, psychotherapy, developmental disabilities and learning and memory.

Many psychology students become psychologists or enter related professions, but many others work in unrelated fields. Their knowledge of human behavior and development, learned as part of a broad-based liberal arts education, makes them excellent candidates for careers in a wide range of fields such as business, education and government.

B.A. in Psychology

The 120-credit 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 industrial and organizational psychology.

As a psychology major, you will undertake a

survey of 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 given the opportunity 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 marriage and family, hypnosis, sexuality, adolescent behavior, neuroscience, psychotherapy, developmental disabilities and learning and memory.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in Psychology

{Program Code: 07074}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Psychology must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (may be satisfied in major)
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits (may be satisfied in major)

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Introductory Psychology

Sequence

One of the following sequences:

PSY 1	General Psychology I	3.00
PSY 2	General Psychology II	3.00

OR

PSY 3	Principles of Psychology I	4.00
PSY 4	Principles of Psychology II	4.00

Required Psychology Courses

All of the following:

PSY 21	Experimental Psychology I	4.00
PSY 22	Experimental Psychology II	4.00
PSY 53	Psychological Statistics I	4.00

Elective Psychology Courses

If PSY 1 and 2 are taken, eighteen credits of the following are required. If PSY 3 and 4 are taken, sixteen credits of the following are required.

PSY 15	Critical Thinking	3.00
PSY 23	Behavioral Economics	3.00
PSY 24	Psychological Tests and Measurements	3.00
PSY 25	Developmental Psychology: Childhood	3.00
PSY 26	Developmental Psychology: Adolescence	3.00
PSY 27	Play and Play Therapy	3.00
PSY 28	Assessment of Stress and Coping in Children and Adolescents	3.00
PSY 29	Developmental Disabilities	3.00
PSY 30	Personality: Research and Theory	3.00
PSY 32	Social Psychology	3.00
PSY 34	Advanced Issues in Social Psychology	3.00
PSY 35	Trauma and Disaster Psychology	3.00
PSY 36	Environmental Psychology	3.00
PSY 37	Neuroscience	3.00
PSY 39	Psychopharmacology	3.00
PSY 40	The Psychology of Gender	3.00
PSY 41	Special Topics in Psychology (may only be taken once to satisfy this requirement)	1.00-3.00
PSY 42	Human Neuropsychology	3.00
PSY 43	Forensic Psychology: The Law and Human Behavior	3.00

PSY 44	Differential Diagnosis of Central Nervous System Disorders	3.00
PSY 47	Industrial and Organizational Psychology	3.00
PSY 54	Psychological Statistics II	3.00
PSY 57	Cognitive Psychology	3.00
PSY 58	Animal Learning and Cognition	3.00
PSY 60	Sensation and Perception	3.00
PSY 61	Historical Foundations of Contemporary Psychology	3.00
PSY 62	Learning and Memory	3.00
PSY 63	Abnormal Psychology	3.00
PSY 64	Systems and Theories of Psychotherapy	3.00
PSY 65	Humanistic Psychology	3.00
PSY 67	Comparative Psychology	3.00
PSY 68	Psychosomatics: Bodily Protest	3.00
PSY 70	Developmental Psychology: Adulthood and Aging	3.00
PSY 71	Practicum in the Teaching of Psychology I	3.00
PSY 72	Practicum in the Teaching of Psychology II	3.00
PSY 75	Applied Behavior Analysis	3.00
PSY 76	Practicum in Psychology I	3.00
PSY 77	Practicum in Psychology II	3.00
PSY 78	Advanced Issues in Applied Behavior Analysis	3.00
PSY 91	Problems in Psychological Research I	1.00
PSY 92	Problems in Psychological Research II	3.00
PSY 99	Field Study of Wild Dolphin Social Behavior	3.00
PSY 324	Field Study of Wild Dolphin Social Behavior	3.00
PSY 359	Honors Advanced Elective	3.00
PSY 385	Honors Tutorial	3.00
PSY 386	Honors Tutorial	3.00

PSY 389	Honors Thesis	3.00
PSY 390	Honors Thesis	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 90
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

B.S. in Psychology

The Bachelor of Science in Psychology is designed specifically for students who intend to continue their study of psychology at the graduate level, either in research or clinical programs. This comprehensive degree program also is a suitable major for pre-medical students. You will study general and experimental psychology, neuroscience and psychological statistics, and have access to a wide range of fascinating electives to satisfy your psychology course requirements. In addition, the 120-credit program includes required courses in mathematics, biology and chemistry and electives from the fields of political science, economics, sociology, geography, anthropology and fine arts.

As a psychology major, you will undertake a survey of 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 given the opportunity to study in greater depth basic psychological processes, their development, the nature of behavioral aberrations, their treatment, and selected applications of this knowledge.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Psychology

{Program Code: 06449}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Psychology must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits

History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 103 and 104)
Language/Literature	6 credits
Mathematics	4 credits (MTH 7)
Social Sciences	6 credits (may be satisfied in major)

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Introductory Psychology Sequence

One of the following sequences:

PSY 1	General Psychology I	3.00
PSY 2	General Psychology II	3.00

OR

PSY 3	Principles of Psychology I	4.00
PSY 4	Principles of Psychology II	4.00

Required Psychology Courses

All of the following:

PSY 21	Experimental Psychology I	4.00
PSY 22	Experimental Psychology II	4.00
PSY 53	Psychological Statistics I	4.00
PSY 54	Psychological Statistics II	3.00

Elective Psychology Courses

If PSY 1 and 2 are taken, fifteen credits of the following are required. If PSY 3 and 4 are taken, thirteen credits of the following are required.

PSY 15	Critical Thinking	3.00
PSY 23	Behavioral Economics	3.00
PSY 24	Psychological Tests and Measurements	3.00
PSY 25	Developmental Psychology: Childhood	3.00
PSY 26	Developmental Psychology: Adolescence	3.00
PSY 27	Play and Play Therapy	3.00
PSY 28	Assessment of Stress and Coping in Children and Adolescents	3.00
PSY 29	Developmental Disabilities	3.00
PSY 30	Personality: Research and Theory	3.00
PSY 32	Social Psychology	3.00

PSY 34	Advanced Issues in Social Psychology	3.00
PSY 35	Trauma and Disaster Psychology	3.00
PSY 36	Environmental Psychology	3.00
PSY 37	Neuroscience	3.00
PSY 39	Psychopharmacology	3.00
PSY 40	The Psychology of Gender	3.00
PSY 41	Special Topics in Psychology (may only be taken once to satisfy this requirement)	1.00-3.00
PSY 42	Human Neuropsychology	3.00
PSY 43	Forensic Psychology: The Law and Human Behavior	3.00
PSY 44	Differential Diagnosis of Central Nervous System Disorders	3.00
PSY 47	Industrial and Organizational Psychology	3.00
PSY 57	Cognitive Psychology	3.00
PSY 58	Animal Learning and Cognition	3.00
PSY 60	Sensation and Perception	3.00
PSY 61	Historical Foundations of Contemporary Psychology	3.00
PSY 62	Learning and Memory	3.00
PSY 63	Abnormal Psychology	3.00
PSY 64	Systems and Theories of Psychotherapy	3.00
PSY 65	Humanistic Psychology	3.00
PSY 67	Comparative Psychology	3.00
PSY 68	Psychosomatics: Bodily Protest	3.00
PSY 70	Developmental Psychology: Adulthood and Aging	3.00
PSY 71	Practicum in the Teaching of Psychology I	3.00
PSY 72	Practicum in the Teaching of Psychology II	3.00
PSY 75	Applied Behavior Analysis	3.00
PSY 76	Practicum in Psychology I	3.00

PSY 77	Practicum in Psychology II	3.00
PSY 78	Advanced Issues in Applied Behavior Analysis	3.00
PSY 91	Problems in Psychological Research I	1.00
PSY 92	Problems in Psychological Research II	3.00
PSY 99	Field Study of Wild Dolphin Social Behavior	3.00
PSY 324	Field Study of Wild Dolphin Social Behavior	3.00
PSY 359	Honors Advanced Elective	3.00
PSY 385	Honors Tutorial	3.00
PSY 386	Honors Tutorial	3.00
PSY 389	Honors Thesis	3.00
PSY 390	Honors Thesis	3.00

Required Co-Related Courses

All of the following:

BIO 103	General Biology I	4.00
BIO 104	General Biology II	4.00
CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
MTH 7	Calculus and Analytic Geometry I	4.00

AND one of the following:

MTH 3	College Algebra and Trigonometry	4.00
MTH 3S	College Algebra and Trigonometry	4.00
MTH 8	Calculus and Analytic Geometry II	4.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Psychology
B.S. in Childhood Education (Grades 1 to 6) with Concentration in Psychology

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences

concentration in Psychology. This 30- to 32-credit program consists of courses in introductory Psychology and electives from all areas of Psychology. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Psychology, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

MINORS

Minor in Psychology

Undergraduate students who are pursuing a major in another subject area can apply 24 credits of elective courses toward a minor in Psychology. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Psychology Requirements

Required Introductory Psychology

Sequence

One of the following sequences:

PSY 1	General Psychology I	3.00
PSY 2	General Psychology II	3.00

OR

PSY 3	Principles of Psychology I	4.00
PSY 4	Principles of Psychology II	4.00

Elective Psychology Courses

If PSY 1 and 2 are taken, eighteen credits of the following are required. If PSY 3 and 4 are taken, sixteen credits of the following are required.

PSY 15	Critical Thinking	3.00
PSY 21	Experimental Psychology I	4.00
PSY 22	Experimental Psychology II	4.00
PSY 23	Behavioral Economics	3.00
PSY 24	Psychological Tests and Measurements	3.00
PSY 25	Developmental Psychology: Childhood	3.00
PSY 26	Developmental Psychology: Adolescence	3.00
PSY 27	Play and Play Therapy	3.00
PSY 28	Assessment of Stress and Coping in Children and Adolescents	3.00

PSY	29	Developmental Disabilities	3.00	PSY	71	Practicum in the Teaching of Psychology I	3.00
PSY	30	Personality: Research and Theory	3.00	PSY	72	Practicum in the Teaching of Psychology II	3.00
PSY	32	Social Psychology	3.00	PSY	75	Applied Behavior Analysis	3.00
PSY	34	Advanced Issues in Social Psychology	3.00	PSY	76	Practicum in Psychology I	3.00
PSY	35	Trauma and Disaster Psychology	3.00	PSY	77	Practicum in Psychology II	3.00
PSY	36	Environmental Psychology	3.00	PSY	91	Problems in Psychological Research I	1.00
PSY	37	Neuroscience	3.00	PSY	92	Problems in Psychological Research II	3.00
PSY	39	Psychopharmacology	3.00	PSY	99	Field Study of Wild Dolphin Social Behavior	3.00
PSY	40	The Psychology of Gender	3.00	PSY	324	Field Study of Wild Dolphin Social Behavior	3.00
PSY	41	Special Topics in Psychology (may only be taken once to satisfy this requirement)	1.00-3.00	PSY	359	Honors Advanced Elective	3.00
PSY	42	Human Neuropsychology	3.00	PSY	385	Honors Tutorial	3.00
PSY	43	Forensic Psychology: The Law and Human Behavior	3.00	PSY	386	Honors Tutorial	3.00
PSY	44	Differential Diagnosis of Central Nervous System Disorders	3.00	PSY	389	Honors Thesis	3.00
PSY	47	Industrial and Organizational Psychology	3.00	PSY	390	Honors Thesis	3.00
PSY	53	Psychological Statistics I	4.00	<p>Credit and GPA Requirements Minimum Total Credits: 24 Minimum Minor GPA: 2.25</p>			
PSY	54	Psychological Statistics II	3.00				
PSY	57	Cognitive Psychology	3.00				
PSY	58	Animal Learning and Cognition	3.00				
PSY	60	Sensation and Perception	3.00				
PSY	61	Historical Foundations of Contemporary Psychology	3.00				
PSY	62	Learning and Memory	3.00				
PSY	63	Abnormal Psychology	3.00				
PSY	64	Systems and Theories of Psychotherapy	3.00				
PSY	65	Humanistic Psychology	3.00				
PSY	67	Comparative Psychology	3.00				
PSY	68	Psychosomatics: Bodily Protest	3.00				
PSY	70	Developmental Psychology: Adulthood and Aging	3.00				

Psychology Courses

PSY 1 General Psychology I

This course is a survey of the principles of psychology. Learning, motivation, emotion, sensation, perception, statistical methods and the biological basis of behavior are among the topics covered. Not open to students that have taken PSY 3.

Not open to students who have taken PSY 3.

Credits: 3

Every Fall, Spring and Summer

PSY 2 General Psychology II

This course is a continuation of General Psychology I including cognitive functions, intelligence, personality, abnormal behavior, therapies, social and applied psychology. Not open to students who have taken PSY 4.

Prerequisite of PSY 1 is required.

Not open to students who have taken PSY 4.

Credits: 3

Every Fall, Spring and Summer

PSY 3 Principles of Psychology I

This course is an introduction to the scientific study of behavior with emphasis on the physiological bases of behavior, conditioning, learning, sensation and perception. The laboratory concentrates on the design and execution of experiments; lectures cover the scientific method and selected topics in psychology. Not open to students who have taken PSY 1.

Three hours lecture, three hours laboratory.

Not open to students who have taken PSY 1.

Credits: 4

Every Fall

PSY 4 Principles of Psychology II

This course is a continuation of the scientific study of behavior, with emphasis on areas of applied psychology. Topics include social psychology, personality and psychopathology, developmental psychology, and tests and measurement. Not open to students who have taken PSY 2.

Three hours lecture, three hours laboratory.

Prerequisite of PSY 3 is required.

Not open to students who have taken PSY 2.

Credits: 4

Every Spring

PSY 11 Educational Psychology

This course introduces aspects of psychology related to the learning process that can be applied to PK-12 classroom experiences. Specific topics include behavioral, cognitive, and constructivist theories of learning and their applications; aspects individual and group differences, including varying perspectives on intelligence; and theories of motivation and their application.

Credits: 3

On Occasion

PSY 15 Critical Thinking

This course is an examination of the behavioral and social underpinnings of superstition and false beliefs. Distinction will be made between testable scientific theories and pseudoscience.

Pre requisite of PSY 2 or PSY 4 are required.

Credits: 3

On Occasion

PSY 21 Experimental Psychology I

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. In order to complete this course, students will need to serve as subjects in one research project conducted by a member of the Psychology Department. Five hours lecture and laboratory.

Prerequisites of PSY 2 or 4 and PSY 53 are required.

Credits: 4

Every Fall and Spring

PSY 22 Experimental Psychology II

This course is an advanced treatment of research methods and content in the areas of learning, neuroscience methods, perception and cognition or social psychology. The topic area is determined by the instructor. Practical experience in experimental design, execution, analysis of research, and the writing of research reports is included. In order to complete this course, students will need to serve as subjects in one research project conducted by a member of the Psychology Department. Five hours lecture and laboratory.

Pre-requisite of PSY 21 is required.

Credits: 4

Every Fall and Spring

PSY 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 ECO 23.

Credits: 3

On Occasion

PSY 24 Psychological Tests and Measurements

A study of techniques used to evaluate intelligence and personality with special emphasis on projective tests. Students are asked to do original research based upon actual test data.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

On Occasion

PSY 25 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-requisite of PSY 1 is required.

Credits: 3

Every Fall and Spring

PSY 26 Developmental Psychology: Adolescence

Behavior and development during adolescence is covered. The emphasis, in this course, is on normal physical, intellectual, emotional, and social growth and development.

Pre-requisite of PSY 1 is required.

Credits: 3

Every Fall and Spring

PSY 27 Play and Play Therapy

This course offers an in-depth analysis of play; including its history, theories, and developmental aspects. It will also explore the role of play as a mechanism for therapeutic interventions. Behavioral observation skills in identifying and evaluating language, cognitive, motor, social and emotional functioning will be developed through field observations of preschool children at play.

Credits: 3

On Occasion

PSY 28 Assessment of Stress and Coping in Children and Adolescents

This course examines the stressors and normative adaptive and maladaptive coping strategies of children and adolescents. Students will learn specific stress reducing individual and group techniques. Student assessment skills will be developed through behavioral observation of preschoolers and interviews with tweens and teens.

Credits: 3

On Occasion

PSY 29 Developmental Disabilities

This course is a survey of the etiology and treatment of a wide range of developmental disabilities including autism, intellectual impairment, defects in perceptual development and learning disabilities.

Credits: 3

On Occasion

PSY 30 Personality: Research and Theory

This course is a survey of major personality theories. Their historical development and current research are among the topics covered.

A Prerequisite or Corequisite of PSY 1 is required.

Credits: 3

Every Fall

PSY 32 Social Psychology

The interpersonal influence on human behavior, involving empirical and theoretical literature in social psychological processes, with particular emphasis on applied problems.

A pre requisite of PSY 1 or PSY 3 is required.

Credits: 3

Every Fall

PSY 34 Advanced 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.

Credits: 3

On Occasion

PSY 35 Trauma and Disaster Psychology

Through an investigation of actual natural/man-made disasters, war, acts of interpersonal and sexual violence, cases of child abuse and terrorist attacks, this course will help students increase their understanding of the impact of psychology trauma and loss on individuals, families, and the community.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

On Occasion

PSY 36 Environmental Psychology

Emphasis is placed on human adaptation to the built and natural environment. Topics include: architecture and the use of space, housing and home, residential mobility, privacy, crowding, and environmental stress.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

On Occasion

PSY 37 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-requisite of PSY 1 or 3 is required.

Credits: 3

Every Fall

PSY 39 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.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

Every Spring

PSY 40 The Psychology of Gender

The psychological influences on the nature and

development of women and men are examined from social-learning, psychoanalytic, and cognitive-perceptual viewpoints. Topics include family and work roles, sexual identity, interpersonal attraction, friendship, achievement and health.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

Every Spring

PSY 41 Special Topics in Psychology

The instructor chooses a study of selected topics in psychology. The subject of each topic is announced in the preceding semester. May be taken twice if topics are different, but only for general elective credit.

Credits: 1 to 3

On Occasion

PSY 42 Human Neuropsychology

An advanced treatment of the study of the human brain and its relation to behavior. Students will review neuroanatomy and the basic principles of brain function. The main focus of the course will be on the neurological basis of cognition and behavior, neurological issues and disorders, and applied human neuropsychology.

Credits: 3

On Occasion

PSY 43 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.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

On Occasion

PSY 44 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, migraines, diseases of the spine and skull (e.g., cervical spondylosis, syringomyelia) and motor neuron diseases.

Pre-requisite of PSY 37 is required.

Credits: 3

On Occasion

PSY 47 Industrial and Organizational Psychology

This course examines the application of psychological principles and techniques to various organizational situations. Topics covered usually include selection and attitude measurement, management development, employment problems, and man-machine relationships. The principles taught are applicable in health care, educational and industrial organizations.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

On Occasion

PSY 53 Psychological Statistics I

This course introduces the principles of descriptive and inferential statistics.

Five hours of lecture and laboratory.

A pre or co requisite of PSY 2 or 4 is required.

Credits: 4

Every Fall and Spring

PSY 54 Psychological Statistics II

This course is a further study of descriptive and inferential statistics. The use of computer programs for the analysis of data is emphasized.

Pre-requisite of PSY 53 is required.

Credits: 3

Every Fall

PSY 57 Cognitive Psychology

This course reviews the basic concepts, methods and current research in cognitive psychology. Topics may include memory, knowledge acquisition, imagery, consciousness, thinking, decision-making, language and intelligence. These are presented within an information-processing as well as a neuroscientific model of the mind. Both normative and dysfunctional aspects are considered. Prerequisite of PSY 1 or 3 or permission of instructor is required.

Credits: 3

On Occasion

PSY 58 Animal Learning and Cognition

This course will introduce students to the area of animal learning and cognition. It will begin by dealing with fundamental questions about animal intelligence and associative learning. This will be followed by discussions and evaluations of animal behavior that demonstrate complex phenomena such as memory, navigation, social learning and animal communication and language.

Credits: 3

On Occasion

PSY 60 Sensation and Perception

This course will focus on theory, methodology, and research findings primarily in the areas of visual and auditory perception. Behavioral, physiological, and ecological approaches will be thoroughly explored. Data from both human and animals subjects will be presented.

Credits: 3

On Occasion

PSY 61 Historical Foundations of Contemporary Psychology

This course is a survey of the major attempts at a systematic organization of the methods, facts and theories in psychology, including a discussion of the historical roots of these systems and their influence on contemporary approaches.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

On Occasion

PSY 62 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-requisite of PSY 1 or 3 is required.

Credits: 3

Every Fall

PSY 63 Abnormal Psychology

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.

A pre requisite of PSY 1 or PSY 3 is required.

Credits: 3

Every Fall and Spring

PSY 64 Systems and Theories of Psychotherapy

This course is a comparative study of methods of counseling and psychotherapy. Topics included are theories and approaches that concern a change toward healthy behavior and feelings of self-worth.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

Every Fall

PSY 65 Humanistic Psychology

This course surveys the origins, theories, and techniques of humanistic psychology. Emphasis is placed on the fulfillment of one's potentials, taking responsibility for one's life, and the value of present-centered living. Students are encouraged throughout to consider the personal relevance of the course material.

Pre-requisite of PSY 2 or 4 is required.

Credits: 3

On Occasion

PSY 67 Comparative Psychology

This course is designed to introduce the student of animal behavior to a variety of observational techniques that are used in both field and laboratory research to compare species behavior. The techniques include ethogram construction, instantaneous and continuous sampling, time budget construction, sequence sampling, activity cycles, and sociograms.

Prerequisite of PSY 1 or 3 and permission of instructor is required.

Credits: 3

On Occasion

PSY 68 Psychosomatics: Bodily Protest

This course is a study of physical disease as influenced by the emotions from historical, causative and research points of view. Psychophysiological disorders of every bodily system are studied including cancer, heart disease and obesity.

Pre-requisite of PSY 1 or 3 is required.

Credits: 3

On Occasion

PSY 70 Developmental Psychology: Adulthood and Aging

This course covers understanding adult life, growing old in contemporary society and experiencing changes in body, ability and personality.

Prerequisite of PSY 25 or 26 are required.

Credits: 3

Every Fall

PSY 71 Practicum in the Teaching of Psychology I

The student receives training and experience in innovative methods of teaching psychology at the college level. Open only to students who have demonstrated excellence in psychology. Registration only by invitation of the instructor and department chair.

Credits: 3

Every Fall, Spring and Summer

PSY 72 Practicum in the Teaching of Psychology II

The student receives training and experience in innovative methods of teaching psychology at the college level. Open only to students who have demonstrated excellence in psychology. Registration only by invitation of the instructor and department chair.

Credits: 3

Every Fall, Spring and Summer

PSY 75 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 requisite of PSY 1 or PSY 3 is required.

Credits: 3

Every Fall

PSY 76 Practicum in Psychology I

This practicum is a supervised field experience in an applied community setting such as child-care programs, centers for the developmentally disabled or half-way houses. For advanced majors only who can arrange a minimum of one day a week for field placement in addition to weekly meetings with a practicum supervisor.

Credits: 3

Every Fall, Spring and Summer

PSY 77 Practicum in Psychology II

This practicum is a supervised field experience in an applied community setting such as child-care programs, centers for the developmentally disabled or half-way houses. For advanced majors only who can arrange a minimum of one day a week for field

placement in addition to weekly meetings with a practicum supervisor.

Credits: 3

Every Fall and Spring

PSY 78 Advanced Issues in Applied Behavior Analysis

This course will expand upon some of the topics covered in our initial Applied Behavior Analysis course (PSY 75), and will introduce new topics as well.

A pre requisite of PSY 75 is required.

Credits: 3

On Occasion

PSY 91 Problems in Psychological Research I

This course is for advanced undergraduates who wish to do research under the guidance and supervision of a faculty member on a problem of mutual interest. A written report of the research project will be submitted at the end of each semester's work.

Credits: 1 to 3

Every Fall, Spring and Summer

PSY 92 Problems in Psychological Research II

This course is for advanced undergraduates who wish to do research under the guidance and supervision of a faculty member on a problem of mutual interest. A written report of the research project will be submitted at the end of each semester's work.

Credits: 3

Every Fall, Spring and Summer

PSY 99 Field Study in Psychology

This is a travel course conducted during winter session or summer session that allows students to participate in research in various environments, for example, "Strategies for Addressing Extreme Poverty in Rural Africa: Promoting Literacy Among Ugandan Families." The topics and location will vary depending upon the instructor. Additional fees are necessary.

Credits: 3

On Occasion

PSY 301 Principles of Psychology I - Honors Core

This course is an introduction to the scientific study of behavior with emphasis on the physiological basis of behavior, conditioning, learning, sensation and perception. The laboratory concentrates on the design and execution of experiments; lectures cover the scientific method and selected topics in psychology. Not open to students who have taken Psychology 1 or 3.

Three hours lecture, three hours laboratory.

Corequisite of PSY 301L is required.

Credits: 4

Every Fall

PSY 302 Principles of Psychology II - Honors Core

This course is a continuation of the scientific study of behavior with emphasis on areas of applied

psychology. Topics include social psychology, personality and psychopathology, tests and measurement, verbal learning and memory. Not open to students who have taken Psychology 2 or 4. Three hours lecture, three hours laboratory.

Pre-requisite of PSY 301.

Credits: 4

Every Spring

PSY 421 Making Sense of Data

It has been said that there are three kinds of lies: lies, damn lies, and statistics. While this is a bit of an exaggeration, it is true that statistics and numerical data can be used to help convince people of a particular point of view. The goal of this course is to provide some essential background in data and research (e.g., measures of central tendency, measures of variability, graph construction, experimental versus non-experimental research designs), and then use this information to discuss how it can be both used and misused.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

PSY 422 The Self in the Twenty-first Century

How do people make sense of who they are? How does this sense of who they are make a difference in how they perceive and interpret information from the world? Why do two people look at the same situation and draw completely different conclusions? The goal of this course is to address such questions. The course will first provide an overview of relevant concepts from the field of social cognition (e.g., self concept, priming, confirmation bias, illusory correlation). These concepts will then be applied to concrete questions such as how people make sense of political information, why it can be so hard to persuade others to our point of view, why prejudice and stereotyping persist, and why groups get into conflicts with each other.

For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3

On Occasion

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Phone: 516-299-2404

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Chair: Professor Lichten

Associate Professors: Ferraro, Parrott, Sweeney

Assistant Professor: Rogers

Adjunct Faculty: 4

The Department of Sociology and Anthropology offers the Bachelor of Arts in Sociology. As part of this degree, students may choose from concentrations in general sociology or Applied Sociology. In addition, there are four possible specializations in Applied Sociology (Community Sociology, Family and Gender, Race and Ethnicity, and Social Policy and Social Change) all requiring one semester of internship. In conjunction with the College of Education, Information and Technology, the Department offers a concentration in Sociology for the B.S. in Early Childhood Education (Birth to Grade 2) and the B.S. in Childhood Education (Grades 1 to 6). Courses in Sociology and Anthropology are also part of the American Studies and Social Studies concentrations for these degrees. The Department offers courses which 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). Undergraduate minors in anthropology and sociology are also available.

An undergraduate education in sociology and anthropology provides 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. Our programs deepen the understanding of human society and familiarizes undergraduates with the fundamental tools and concepts of the field, including research methodologies, theoretical perspectives and statistical analyses.

B.A. in Sociology

The sociology major is designed to cultivate in students an appreciation for the **sociological imagination**, or “the quality of mind essential to grasp the interplay of individual and society, of biography and history, of self and the world,” as C. Wright Mills said. As a sociology major, you will examine how humans interact, how they organize together and form enduring social institutions, and how human lives and societies change over time. You will examine institutions such as the family, government, economy, religion, education and the media. You will study in detail the issues that impact us daily as individuals and as a society, and

consider the ways we may respond. You may find yourself in class discussions on such diverse topics as the decline of the middle class, the role of gender in sexual experiences, educational inequalities, family conflict, disparities in healthcare, genocide, racism in the media, and the changing demographics of urban and suburban communities.

The 120-credit Bachelor of Arts degree in Sociology will deepen your understanding of human society. You will become familiar with the fundamental tools and concepts of the field, including research methodologies, theoretical perspectives and statistical analyses. Additionally, you can enhance your sociology degree with a minor in anthropology.

Additional 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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

CONCENTRATION IN APPLIED SOCIOLOGY

The 120-credit Bachelor of Arts in Sociology with a Concentration in Applied Sociology develops practical skills for a wide variety of sectors of society, such as counseling, mental health services, law enforcement, business and many more.

Focusing on specialized skills will allow you to turn sociology into action. The public and private sectors, organizations, agencies and industry look to applied sociology to define problems, identify their variables and craft viable solutions or courses of action.

Additional 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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.A. in Sociology

{Program Code: 07091}

Core Requirements

In addition to all major requirements, students pursuing the B.A. in Sociology must satisfy all Core curriculum requirements as follows:

POST 101 1 credit

First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Sociology/Anthropology

Courses

All of the following:

SOC 1	Introduction to Sociology	3.00
SOC 53	Sociological Statistics	3.00
SOC 85	Social Theory	3.00
SOC 91	Methods of Social Research	3.00

AND one of the following:

ANT 1	Development of the Human Species, Culture and Society	3.00
ANT 2	Human Society	3.00

Students must choose either a concentration in General Sociology or Applied Sociology (with specializations in Community Sociology, Family and Gender, Race and Ethnicity or Social Policy and Social Change).

General Sociology Concentration Requirements

Elective Sociology Courses

Eight courses/twenty-four credits of the following:

SOC 2	Social Institutions	3.00
SOC 3	Social Problems	3.00
SOC 10	Sociology of the Mass Media: Film, TV, Music, News	3.00
SOC 11	Cities, Towns and Suburbs	3.00
SOC 15	Social Change	3.00
SOC 16	Social Control	3.00
SOC 17	Women: A Cross-Cultural and Literary Perspective	3.00
SOC 18	Inequality and Social Class in Contemporary Society	3.00

SOC 19	Political Sociology	3.00
SOC 20	Sociology of Aging	3.00
SOC 21	Sociology of Health and Illness	3.00
SOC 22	Sociology of Families	3.00
SOC 23	Ethnographic Field Work	3.00
SOC 24	Sociology of Adolescence and Youth	3.00
SOC 25	Sociology of Education	3.00
SOC 26	Gender, Race and Ethnicity	3.00
SOC 28	Men, Women and Power	3.00
SOC 29	Sociology of Latino/a Culture and Identity	3.00
SOC 31	Social Movements and Collective Behavior	3.00
SOC 32	Justice and Society	3.00
SOC 33	Deviant Behavior	3.00
SOC 34	Sociology of Religion	3.00
SOC 35	Global Culture: The Integration of the World Community	3.00
SOC 36	The Sociology of Genocide	3.00
SOC 37	The Sociology of Conflict	3.00
SOC 42	Criminology	3.00
SOC 43	Juvenile Delinquency	3.00
SOC 45	Industrial Sociology	3.00
SOC 46	Complex Organizations	3.00
SOC 47	Sociology of Work and Occupations	3.00
SOC 48	Substance Abuse in American Society	3.00
SOC 54	Advanced Sociological Statistics	3.00
SOC 55	Immigration and Society	3.00
SOC 56	Computers, Technology and Society	3.00
SOC 58	Sociology of Men and Masculinities	3.00
SOC 59	Gendered Violence	3.00
SOC 60	Sociology of Gender	3.00
SOC 61	Feminism and Social Change	3.00
SOC 62	The Sociology of Human Sexuality	3.00
SOC 63	Gender Roles	3.00

SOC 64	Individual, Culture, and Society	3.00
SOC 65	Culture and Mental Health	3.00
SOC 66	The African-American Experience	3.00
SOC 67	Gangs and American Society	3.00
SOC 68	Sociology of Asian Americans	3.00
SOC 69	Race and Ethnicity	3.00
SOC 70	Sociology of Poverty	3.00
SOC 71	Globalization	3.00
SOC 72	People in Crisis	3.00
SOC 73	Environmental Sociology	3.00
SOC 77	Interpersonal Relations	3.00
SOC 87	Sociology of Knowledge	3.00
SOC 92	Internship and Practicum in Applied Sociology	3.00
SOC 93	Community Service I	3.00
SOC 94	Community Service II	3.00
SOC 98	Topics in Sociology	3.00
SOC 99	Independent Study	3.00
SOC 385	Honors Tutorial	3.00
SOC 386	Honors Tutorial	3.00
SOC 389	Honors Thesis	3.00
SOC 390	Honors Thesis	3.00
SOC 400	State, Society, and the Individual: Hoxie Colloquium	3.00

Applied Sociology Concentration with Specialization in Community

Sociology Requirements

Required Applied Sociology Internship Course

SOC 92	Internship and Practicum in Applied Sociology	3.00
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Elective Community Sociology Courses

Seven courses/twenty-one credits of the following:

ANT 42	Medicine and Anthropology	3.00
ANT 45	Anthropology of Hunger and Development	3.00
SOC 11	Urban Sociology	3.00
SOC 20	Sociology of Aging	3.00
SOC 21	Sociology of Health and Illness	3.00

SOC 22	Sociology of Families	3.00
SOC 23	Ethnographic Field Work	3.00
SOC 24	Sociology of Adolescence and Youth	3.00
SOC 25	Sociology of Education	3.00
SOC 31	Social Movements and Collective Behavior	3.00
SOC 33	Deviant Behavior	3.00
SOC 34	Sociology of Religion	3.00
SOC 46	Complex Organizations	3.00
SOC 48	Substance Abuse in American Society	3.00
SOC 55	Population Problems	3.00
SOC 58	Sociology of Men and Masculinities	3.00
SOC 59	Gendered Violence	3.00
SOC 65	Culture and Mental Health	3.00
SOC 67	Gangs and American Society	3.00
SOC 69	Race and Ethnicity	3.00
SOC 70	Sociology of Poverty	3.00
SOC 71	Globalization	3.00
SOC 72	People in Crisis	3.00
SOC 73	Environmental Sociology	3.00
SOC 77	Interpersonal Relations	3.00
SOC 385	Honors Tutorial	3.00
SOC 386	Honors Tutorial	3.00
SOC 389	Honors Thesis	3.00
SOC 390	Honors Thesis	3.00

Applied Sociology Concentration with Specialization in Family and Gender

Requirements

Required Applied Sociology Internship Course

SOC 92	Internship and Practicum in Applied Sociology	3.00
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Elective Family and Gender Courses

Seven courses/twenty-one credits of the following:

ANT 32	Anthropology of Aging	3.00
SOC 17	Women: A Cross-Cultural and Literary Perspective	3.00
SOC 20	Sociology of Aging	3.00
SOC 22	Sociology of Families	3.00
SOC 24	Sociology of Adolescence and Youth	3.00

SOC 28	Men, Women and Power	3.00
SOC 58	Sociology of Men and Masculinities	3.00
SOC 59	Gendered Violence	3.00
SOC 60	Sociology of Gender	3.00
SOC 61	Feminism and Social Change	3.00
SOC 62	The Sociology of Human Sexuality	3.00
SOC 63	Gender Roles	3.00
SOC 64	Individual, Culture, and Society	3.00
SOC 71	Globalization	3.00
SOC 73	Environmental Sociology	3.00
SOC 77	Interpersonal Relations	3.00
SOC 385	Honors Tutorial	3.00
SOC 386	Honors Tutorial	3.00
SOC 389	Honors Thesis	3.00
SOC 390	Honors Thesis	3.00

Applied Sociology Concentration with Specialization in Race and Ethnicity Requirements

Required Applied Sociology Internship

Course

SOC 92	Internship and Practicum in Applied Sociology	3.00
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Elective Race and Ethnicity Courses

Seven courses/twenty-one credits of the following:

ANT 21	North-American Indian Cultures	3.00
ANT 22	The Anthropology of Middle and South America	3.00
ANT 24	Cultures and Peoples of Sub-Saharan Africa	3.00
ANT 32	Anthropology of Aging	3.00
SOC 26	Gender, Race and Ethnicity	3.00
SOC 29	Sociology of Latino/a Culture and Identity	3.00
SOC 35	Global Culture: The Integration of the World Community	3.00
SOC 36	The Sociology of Genocide	3.00
SOC 37	The Sociology of Conflict	3.00
SOC 66	The African-American Experience	3.00

SOC 68	Sociology of Asian Americans	3.00
SOC 69	Race and Ethnicity	3.00
SOC 71	Globalization	3.00
SOC 73	Environmental Sociology	3.00
SOC 385	Honors Tutorial	3.00
SOC 386	Honors Tutorial	3.00
SOC 389	Honors Thesis	3.00
SOC 390	Honors Thesis	3.00

Applied Sociology Concentration with Specialization in Social Policy and Social Change Requirements

Required Applied Sociology Internship

Course

SOC 92	Internship and Practicum in Applied Sociology	3.00
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Elective Social Policy and Social Change

Courses

Seven courses/twenty-one credits of the following:

SOC 3	Social Problems	3.00
SOC 10	Sociology of the Mass Media: Film, TV, Music, News	3.00
SOC 15	Social Change	3.00
SOC 16	Social Control and Resistance	3.00
SOC 18	Power, Privilege and Prestige	3.00
SOC 19	Political Sociology	3.00
SOC 20	Sociology of Aging	3.00
SOC 22	Sociology of Families	3.00
SOC 32	Justice and Society	3.00
SOC 33	Deviant Behavior	3.00
SOC 36	The Sociology of Genocide	3.00
SOC 37	The Sociology of Conflict	3.00
SOC 42	Criminology	3.00
SOC 43	Juvenile Delinquency	3.00
SOC 45	Industrial Sociology	3.00
SOC 47	Sociology of Work and Occupations	3.00
SOC 58	Sociology of Men and Masculinities	3.00
SOC 59	Gendered Violence	3.00
SOC 61	Feminism and Social Change	3.00

SOC 69	Race and Ethnicity	3.00
SOC 70	Sociology of Poverty	3.00
SOC 71	Globalization	3.00
SOC 73	Environmental Sociology	3.00
SOC 385	Honors Tutorial	3.00
SOC 386	Honors Tutorial	3.00
SOC 389	Honors Thesis	3.00
SOC 390	Honors Thesis	3.00

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 90

Minimum Major GPA: 2.00

Minimum Cumulative GPA: 2.00

Joint Programs with College of Education, Information and Technology

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Social Studies
B.S. in Childhood Education (Grades 1 to 6) with Concentration in Social Studies

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Social Studies. This 30-credit program consists of courses from Economics, History, Geography, Political Science and Sociology/Anthropology. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Social Studies, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Early Childhood Education (Birth to Grade 2) with Concentration in Sociology
B.S. in Childhood Education (Grades 1 to 6) with Concentration in Sociology

Students pursuing either the B.S. in Early Childhood Education (Birth to Grade 2) or the B.S. in Childhood Education (Grades 1 to 6) may take their required liberal arts and sciences concentration in Sociology. This 30-credit program consists of introductory Sociology courses along with Sociology electives. Courses which are part of this concentration may not be taken on a pass/fail basis.

For information about these programs and the concentration in Sociology, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

B.S. in Adolescence Education: Social Studies (Grades 7 to 12)

Students seeking to be initially certified to teach Social Studies in secondary schools in New York State should pursue the B.S. in Adolescence Education: Social Studies (Grades 7 to 12). This degree combines courses from Economics, Geography, History, Political Science and Sociology/Anthropology with required Education courses including student teaching.

For information about this program, please see the College of Education, Information and Technology section for a complete degree description, admission requirements, degree requirements and Education course descriptions.

MINORS

Minor in Anthropology

As technology and communication allow greater interaction among people, as our own culture becomes more complex, and as boundaries between cultures become less clear, anthropological skills and approaches are increasingly critical to foster understanding of any society's organizations, communities and institutions.

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply 21 credits of elective courses toward a minor in Anthropology. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Minor in Anthropology Requirements

Required Anthropology Courses

All of the following:

ANT 1	Development of the Human Species, Culture and Society	3.00
ANT 2	Human Society	3.00
ANT 35	Global Culture: The Integration of the World Community	3.00

Elective Anthropology Courses

One course/three credits from the following:

ANT 21	North-American Indian Cultures	3.00
ANT 22	The Anthropology of Middle and South America	3.00
ANT 24	Cultures and Peoples of Sub-Saharan Africa	3.00
ANT 85	Seminar in Archeology	3.00

AND one course/three credits from the following:

ANT 42	Medicine and Anthropology	3.00
ANT 50	Biophysical Anthropology	3.00
ANT 51	Forensic Anthropology	3.00
ANT 63	Gender Roles	3.00
ANT 64	Individual, Culture, and Society	3.00

AND one course/three credits from either of the two above elective lists.

Elective Geography or Sociology Course

One course/three credits from the following:

GGR 1	Human Geography: Man, Environment and Technology	3.00
SOC 55	Population Problems	3.00
SOC 66	The African-American Experience	3.00
SOC 85	Social Theory	3.00

Credit and GPA Requirements

Minimum Total Credits: 21

Minimum Minor GPA: 2.25

Minor in Sociology

Undergraduate students at LIU Post who are pursuing a major in another subject area can apply 21 credits of elective courses toward a minor in Sociology. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

A minor in Sociology will add to any major a practical understanding of how the parts of our dynamic society fit together, the causes of social problems and the nature of social change. In addition to basic skills and knowledge, the minor also covers social theory and research methods.

Minor in Sociology Requirements

Required Sociology Courses

All of the following:

SOC 1	Introduction to Sociology	3.00
SOC 53	Sociological Statistics	3.00
SOC 85	Social Theory	3.00

Elective Sociology Courses

At least four courses/twelve credits from all SOC courses (except SOC 95)

Credit and GPA Requirements

Minimum Total Credits: 21

Minimum Minor GPA: 2.25

Minors in Sociological Sub-Fields

In contrast with our traditional Sociology minor, which includes statistical and research methodologies that are more applicable to career

and professional training, our minors in the sociological sub-fields (social change and social inequalities, race, ethnicity and society, and gender and society), are geared more toward students majoring in other areas of study. These minors are each designed to enhance a student's knowledge of significant social issues and their relationship to the structures and processes of society. The selected courses provide an understanding of these issues on a local, cross-cultural and global scope. This study is particularly useful for students interested in professions and careers that necessitate fundamental understandings of global cultures and social issues of gender, race and social inequalities.

Minor in Gender and Society

Requirements

Elective Gender and Society Courses

At least fifteen credits/five courses of the following:

SOC 18	Power, Privilege and Prestige	3.00
SOC 22	Sociology of Families	3.00
SOC 24	Sociology of Adolescence and Youth	3.00
SOC 26	Gender, Race and Ethnicity	3.00
SOC 28	Men, Women and Power	3.00
SOC 35	Global Cultures	3.00
SOC 58	Sociology of Men and Masculinities	3.00
SOC 59	Gendered Violence	3.00
SOC 61	Feminism and Social Change	3.00
SOC 62	The Sociology of Human Sexuality	3.00
SOC 63	Gender Roles	3.00

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

Minor in Race, Ethnicity and Society

Requirements

Elective Race, Ethnicity and Society Courses

At least fifteen credits/five courses of the following:

ANT 2	Human Society	3.00
ANT 21	North-American Indian Cultures	3.00
ANT 22	The Anthropology of Middle and South America	3.00

ANT	24	Cultures and Peoples of Sub-Saharan Africa	3.00	SOC	73	Environmental Sociology	3.00
SOC	18	Power, Privilege and Prestige	3.00	Credit and GPA Requirements			
SOC	26	Gender, Race and Ethnicity	3.00	Minimum Total Credits: 15			
SOC	29	Sociology of Latino/a Culture and Identity	3.00	Minimum Minor GPA: 2.25			
SOC	31	Social Movements and Collective Behavior	3.00				
SOC	35	Global Cultures	3.00				
SOC	36	The Sociology of Genocide	3.00				
SOC	37	The Sociology of Conflict	3.00				
SOC	66	The African-American Experience	3.00				
SOC	68	Sociology of Asian Americans	3.00				
SOC	69	Race and Ethnicity	3.00				
SOC	71	Globalization	3.00				

Credit and GPA Requirements

Minimum Total Credits: 15

Minimum Minor GPA: 2.25

Minor in Social Change and Social Inequalities**Requirements****Elective Social Change and Social****Inequalities Courses**

At least fifteen credits/five courses of the following:

SOC	3	Social Problems	3.00
SOC	10	Sociology of the Mass Media: Film, TV, Music, News	3.00
SOC	15	Social Change	3.00
SOC	18	Power, Privilege and Prestige	3.00
SOC	19	Political Sociology	3.00
SOC	28	Men, Women and Power	3.00
SOC	31	Social Movements and Collective Behavior	3.00
SOC	37	The Sociology of Conflict	3.00
SOC	58	Sociology of Men and Masculinities	3.00
SOC	59	Gendered Violence	3.00
SOC	61	Feminism and Social Change	3.00
SOC	70	Sociology of Poverty	3.00
SOC	71	Globalization	3.00

Anthropology Courses

ANT 1 Development of the Human Species, Culture and Society

This course presents students with the evidence of human evolution, the relation between human beings and other primates and facts of human variation. It traces cultural evolution from hunting and gathering societies of the Paleolithic to the emergence of farming, cities, states and civilizations of the Neolithic. Meets Core Curriculum requirements when combined with ANT 2.

Credits: 3

Every Fall

ANT 2 Human Society

This course is the study of basic elements seen in economic reciprocity and exchange; spiritual beliefs and sacred practices; marriage forms and kin groups; leadership and settling of disputes; social inequalities and their supporting ideologies. The course studies social aspects resulting when peoples of diverse cultures and levels of development encounter one another in the emerging interdependence of world societies. Meets Core Curriculum requirement when combined with ANT 1.

Credits: 3

Every Spring

ANT 20 Anthropology Through Film

The goal of this course is to introduce students to a cross-cultural approach to human diversity through film. Documentary films include "Kung San of the Kalahari," "The Azande of Sudan," "The Palauan of Micronesia" and other relevant films.

Credits: 3

On Occasion

ANT 21 North-American Indian Cultures

This course examines American Indian cultures north of Mexico from prehistoric to modern times with special emphasis on Indian reactions to European and American contact.

Credits: 3

On Occasion

ANT 22 The Anthropology of Middle and South America

This course covers the origin and development of indigenous cultures, culture areas and culture types and Indian and African influences on contemporary cultures.

Credits: 3

On Occasion

ANT 23 Ethnographic Field Work

This course covers contemporary ethnographic field methods in order to study life styles and social problems. Students gain experience in interviewing, participant observation, content analysis and documentary analysis. He or she completes a study using one or more of the following techniques:

participant observation, recorded interviews, photography, filmmaking and videotaping.

Same as SOC 23.

Credits: 3

On Occasion

ANT 24 Cultures and Peoples of Sub-Saharan Africa

This course examines culture areas and culture types of Sub-Saharan Africa and the major cultural and social changes in traditional institutions occasioned by the European impact.

Credits: 3

On Occasion

ANT 32 Anthropology of Aging

A recurrent theme in modern society is that older people are tolerated at best and that in pre-industrial societies they were honored with economic and social importance. In studying aging and old age, this course subjects these views to scrutiny by examining the diverse conceptions of old age across time and cultures.

Credits: 3

On Occasion

ANT 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. How have these cultures changed over time? What is the relationship between US culture and people in other parts of the world? Same as SOC. 35.

Credits: 3

On Occasion

ANT 42 Medicine and Anthropology

The course covers the worldwide view of medical practices and systems in different societies. Methods of diagnosis and treatment of illness, theories of the causes of illness and the effects of disease on various cultures are discussed using examples drawn from "primitive" to industrial societies. How medicine fits in with the nature and beliefs of each separate culture is emphasized.

Credits: 3

On Occasion

ANT 45 Anthropology of Hunger and Development

This course aims to understand the dynamics of the hunger problems in terms of food production and distribution and the effects of developmental schemes on local populations. It examines various development projects and their histories and the complicated relationships between the actors involved each with their own understanding of development.

Credits: 3

On Occasion

ANT 50 Biophysical Anthropology

This course deals with the human species as a physical entity. The course reviews the fossil evidence for human evolution, theories of human evolution, population genetics, human variation, the concepts of "race" and studies of the evolutionary behavior and biology of other primates.

Credits: 3

On Occasion

ANT 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

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.

Credits: 3

On Occasion

ANT 64 Individual, Culture and Society

This course discusses how culture shapes the individual. It will address socialization processes and the development of selves and identities. The course covers concepts such as symbols, language, cognition, attitudes, and emotions. Social issues concerning mental health, stereotyping and communication problems will also be discussed.

Same as SOC 64.

Credits: 3

On Occasion

ANT 65 Culture and Mental Health

This course is an examination of sociocultural factors which produce or perpetuate psychiatric disorders and their variations by culture.

Same as SOC 65.

Credits: 3

On Occasion

ANT 70 Language and Culture

This course examines language as a matrix of culture, the structure of languages, relationship of language to culture with an emphasis on preliterate cultures and the use of language as a tool in anthropological research.

Credits: 3

On Occasion

ANT 85 Seminar in Archeology

This course defines archeology: the study of pre-history; relationships of archeology to anthropology, geology, paleobiology, paleoecology, and the classics; methods of field research; contributions to knowledge.

Offered for 5 credits when special field work is included.

Credits: 3 to 5

On Occasion

ANT 99 Independent Study in Anthropology

This course is an individually-tailored program of supervised study in a selected area of anthropology.

Credits: 3

On Occasion

ANT 303 Development of the Human Species, Culture and Society - Honors Core

This course presents students with the evidence of human evolution, the relation between human beings and other primates and facts of human variation. It also traces cultural evolution from hunting and gathering societies of the Paleolithic to the emergence of farming, cities, states and civilizations of the Neolithic. Meets Core Curriculum requirements when combined with ANT 304.

Must be in Honors College

Credits: 3

Every Fall

ANT 304 Human Society - Honors Core

This course is the study of basic elements seen in economic reciprocity and exchange, spiritual beliefs and sacred practices, marriage forms and kin groups, leadership and settling of disputes, social inequalities and their supporting ideologies. The course also studies social aspects resulting from peoples of diverse cultures and levels of development encountering each other in the emerging interdependence of world societies. Meets Core Curriculum requirement when combined with ANT 303.

Must be in Honors College

Credits: 3

Every Spring

ANT 400 State, Society, and the Individual: Hoxie Colloquium

This course is a cross-disciplinary colloquium focusing on issues confronting the human community. Enrollment is limited to three advanced students selected by each of the participating departments. The course is led on a rotating basis by faculty from the departments of Earth and Environmental Science, Economics, History, Political Science/International Studies and Sociology/Anthropology. The faculty member leading the colloquium topic selects the colloquium's topic in consultation with the participating departments. Open to students with advanced standing (ordinarily senior status) in the participating department.

Same as ECO 400, GGR 400, HIS 400, POL 400

and SOC 400.

Credits: 3

On Occasion

Sociology Courses

SOC 1 Introduction to Sociology

This course covers the nature and social organization of human society, socialization, culture and social interaction. Meets Core Curriculum requirement when combined with SOC 2.

Credits: 3

Every Fall, Spring and Summer

SOC 2 Social Institutions

This course covers the basic institutions of society: the family, religion, education, the state, and the economic order; the social classes and stratification; bureaucracy, population and social change. Meets Core Curriculum requirement when combined with SOC 1.

Pre-requisite of SOC 1 is required.

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.

Credits: 3

On Occasion

SOC 10 Sociology of the Mass Media: Film, TV, Music, News

This course is the sociological analysis of mass media and how the media both influence and are influenced by society. Particular attention is paid to the social impact and meaning of movies, TV programs, music, journalism and advertising.

Credits: 3

On Occasion

SOC 11 Urban Sociology

American sociology developed by studying the city and the social issues of urban life, including racial, ethnic and class conflict, economic and social inequality, poverty and relief programs, education and community control, housing segregation and gentrification, crime and social control, suburbanization and white flight, public sector unionization and class conflict, and the power of urban elites over city budgets and policies. Utilizing sociological studies focusing on urban institutions and issues, this course studies the ongoing social dynamics of cities and their metropolitan suburban areas.

Credits: 3

On Occasion

SOC 15 Social Change

How is society changing and what will it mean to your life? 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. What can the future be? How can you shape that future?

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? Or 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 17 Women: A Cross-Cultural and Literary Perspective

This is an interdisciplinary course that covers the reading and evaluation of a number of sociological, literary and historical works that concern the role of women in the United States and other cultures. Contemporary change in the status of women is examined with reference to the effect it has on the social and psychological options open to them. Selected readings provide students with a historical and comparative perspective.

Credits: 3

On Occasion

SOC 18 Inequality and Social Class in Contemporary Society

Social Class and social inequality significantly impact our "life chances" and social status in society. This course focuses on the sociological studies of class and social inequality, its causes and consequences, with particular emphasis on the influence of class, race, gender and social inequality on social injustice in contemporary society.

Credits: 3

On Occasion

SOC 19 Political Sociology

This course is an examination of power in society: definitions, theories, and studies of who has power to do what to whom. In addition, the course includes: the symbolic uses of politics, the politics

of status, the subordination of economic interests, the political roles of intellectuals, voting and political participation, democracy, totalitarianism and mass society.

Same as POL 19.

Credits: 3

On Occasion

SOC 20 Sociology of Aging

Issues studied include social psychological theories of aging, health, quality of life, primary relations, housing, retirement and leisure, death and dying.

Credits: 3

On Occasion

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 23 Ethnographic Field Work

An ethnography is a systematic description of a culture based on a social scientist's firsthand observation. Sociologically, the researcher is recording social life and connecting the everyday to larger themes. Some of these themes may include race, gender, sexuality, religion, and class. This course includes firsthand fieldwork experience, such as interviewing, participant observation, photography, content analysis, and documentary analysis. Same as ANT 23.

Credits: 3

On Occasion

SOC 24 Sociology of Adolescence and Youth

This course is a socio-cultural examination of typical issues troubling adolescents and youth. The study of broken homes, unemployment, health, sexually transmissible diseases, family abuse, runaways, career planning, nuclear fears, blended families, suicide, and confusion over traditional and emergent androgynous sex roles are included in this course.

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 does gender, race, and ethnicity impact our everyday lives? Sociologists argue that these categories are interconnected and socially constructed- their meanings have changed 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 28 Men, Women and Power

This course explores the relationship between gender roles and empowerment. A cross-cultural approach enables the student to see what variables (e.g., political, socio-economic, and patriarchal) correlate with models favorable to empowering women in the public domain.

Credits: 3

On Occasion

SOC 29 Sociology of Latino/a Culture and Identity

This course considers Latino/a people's cultural and identity struggle. We will examine the different forces, events, activities and individuals shaping the way culture and identity are ultimately defined and practiced.

Credits: 3

On Occasion

SOC 31 Social Movements and Collective Behavior

Focusing on how social change often occurs through collective action, this course examines social movements in an American and global context. Social movements develop across the political spectrum to remake all or part of society. What do particular social movements hope to change and how do they try to accomplish their goals? Examples of social movements we will examine include contemporary civil rights, labor and workers' movements; peace, feminist and LGBTQ rights movements, White Supremacist and Nationalist movements, and globally important social movements such as those addressing environmental and economic justice issues. Sociological research will be used to explain the role of social movements in addressing issues of social justice and social inequalities.

Credits: 3

On Occasion

SOC 32 Justice and Society

This course examines the relation between law, social policy and inequality. The social construction of justice through legal definitions of rights, evolving problems in policing social groups across racial and class lines and areas of conflict in the judicial system are emphasized.

Pre-requisite of SOC 1 is required.

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 34 Sociology of Religion

This course is a discussion of religion as a social phenomenon. Topics discussed include: definitions of religion, "civil religion" and other explanations of the way religion affects societies, Max Weber's Protestant ethic theses, secularization, anticipated trends in religion and types of religious organizations.

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. How have these cultures changed over time? What is the relationship between US culture and people in other parts of the world? Same as ANT 35.

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

This course explores sociological theories and case studies of social conflict. Using the works of Weber, Marx, C. Wright Mills, Georg Simmel and other sociological conflict theorists, we will explore the social relations of war and peace; racial and ethnic conflict; gender and family violence and conflicts in other social institutions.

Credits: 3

On Occasion

SOC 42 Criminology

This course covers the development of the scientific study of criminology, 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 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.

Credits: 3

On Occasion

SOC 45 Industrial Sociology

This course is a study of industrial society including: class structure, bureaucracy and corporate organization, relationship of industry to government and management to labor, consumer culture, social change in industrial societies.

Credits: 3

On Occasion

SOC 46 Complex Organizations

This course is a comparative analysis of large-scale organizations and their operations in government, industry, business and education. This course fulfills core curriculum requirements when combined with Soc. 1, Ant. 1 or 2.

Credits: 3

On Occasion

SOC 47 Sociology of Work and Occupations

This course is an analysis of work, workers and the social organization of the workplace. Topics include alienation; creativity and work; bureaucracy; analysis of various occupations and the occupational structure; the division of labor by gender, race and class; technology and work; work and leisure.

Credits: 3

On Occasion

SOC 48 Substance Abuse in American Society

This course deals with the social history of drug and alcohol abuse in American society. It reviews rehabilitation/treatment programs currently in use and the efforts to manage the problem.

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. This course is required of students with a major or full minor in sociology.

We strongly recommend this course be taken in the junior year.

Pre-requisite of SOC 1 is required.

Credits: 3

Every Fall

SOC 54 Advanced Sociological Statistics

This course covers partial and multiple correlations, multivariate analysis, analysis of variance, parametric and nonparametric tests, uses of the computer.

Prerequisite of SOC 53 or the consent of the instructor is required.

Credits: 3

On Occasion

SOC 55 Population Problems

Why do immigrants come to the U.S.? How does population movement affect the migrants themselves, and the local communities where they live? What is the economic impact of immigration on the U.S. society? What should the U.S. do to control illegal immigration? How do immigration issues in the U.S. (policies, assimilation, backlash, etc.) compare to immigration issues in other Westernized nations? This course is devoted to understanding controversial issues around immigration. While the U.S. will be the central focus in this course, we will also become familiar with immigration issues in other areas of the world. We will read and discuss social science research on demographics of immigrants, immigration policy, immigrant incorporation, the impact of immigration on the receiving society, and more.

Credits: 3

On Occasion

SOC 56 Computers, Technology and Society

This course examines the relationship between human society and the development of new technologies and scientific exploration. Students will explore sociological, feminist, and environmental theories of the relationship between humans and technology, including the possibilities for democratic participation in technological development, the impacts of technology on marginalized groups, perspectives on utopian and dystopian futures, and the use of science and technology for environmental and social control.

Credits: 3

On Occasion

SOC 58 Sociology of Men and Masculinities

This course investigates the social construction of masculinity and manhood. Drawing on sociological theory and research, the course takes a critical look at how manhood is 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, intimate partner violence, representations of men in the media, and gender and social change.

Credits: 3

On Occasion

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.

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 62 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 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 ANT 63.

Credits: 3

On Occasion

SOC 64 Individual, Culture, and Society

This course discusses how culture shapes the individual. It will address socialization processes and the development of selves and identities. The course covers concepts such as symbols, language, cognition, attitudes, and emotions. Social issues concerning mental health, stereotyping and communication problems will also be discussed.

Same as ANT 64.

Credits: 3

On Occasion

SOC 65 Culture and Mental Health

This course is an examination of the sociocultural factors which produce or perpetuate psychiatric disorders and their variations by culture.

Same as ANT 65.

Credits: 3

On Occasion

SOC 66 The African-American Experience

This course explores the persistent concern for the distinctive character of African-American identity and experience. Historical and contemporary analyses of African-American social thought and experience are included.

Credits: 3

On Occasion

SOC 67 Gangs and American Society

This course examines various contemporary gangs and focuses on the transformation and spread of gang cultures by clarifying the differences among groups that are defined as gangs and tracing their evolution, diversification and diffusion.

Credits: 3

On Occasion

SOC 68 Sociology of Asian Americans

This course examines the diverse experiences of Asian Americans from a sociological perspective. We will focus on topics such as immigration policies and ethnic acculturation, ethnic entrepreneurship, conflict and the urban community; gender and family; and the portrayals of Asian Americans in popular culture. The course also explores concepts such as panethnic identity, race, racism, ethnicity, prejudice, and discrimination. Meets core curriculum requirements when combined with Sociology 1 or Anthropology 1 or 2.

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. Meets Core Curriculum requirements when combined with SOC 1 or Anthropology 1 or 2.

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 a global level. Meets Core Curriculum requirements when combined with Sociology 1 or Anthropology 1 or 2.

Credits: 3

On Occasion

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 is an introduction to crisis intervention theory and strategies of intervention with individuals and families in life crises such as: illness, substance abuse, family violence, divorce, suicide, death and/or catastrophe.

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. The course investigates the social-structural causes of environmental degradation, such as consumption and commodity production, and how our own daily lives impact the environment. 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.

Credits: 3

On Occasion

SOC 74 Food and Society

This course centers 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.

Credits: 3

On Occasion

SOC 77 Interpersonal Relations

This course focuses on the relation between self and society through an examination of social interaction at various levels and in various contexts including interpersonal, small group and larger institutions.

Credits: 3

On Occasion

SOC 85 Social Theory

How have sociological theorists understood society and the human condition? 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.*

Credits: 3
Every Fall

SOC 87 Sociology of Knowledge

This course covers social conditions that give rise to systems of thought and theories of symbolic interaction.

Credits: 3
On Occasion

SOC 91 Methods of Social Research

This course introduces students to a variety of research methods, with 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.

Prerequisite of SOC 53 is required.
Prerequisite of SOC 53 is required.

Credits: 3
Every Spring

SOC 92 Internship and Practicum in Applied Sociology

Students undergo a supervised, off-campus internship in an area related to sociology or anthropology. In addition to devoting 100 hours to 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 sociology 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 Chair are required.

Prerequisite of Sociology major or minor or Anthropology minor and permission of Department are required.

Credits: 3
Every Semester

SOC 93 Community Service I

The first in a two-course sequence, this course serves as preparation for the following semester's field practice experience. The course considers major theories and methods in community service (what are the leading questions and approaches to community service in the past and present and their present day relevance?), along with the development of awareness and understanding for language usage and communication approaches to work effectively with different racial/ethnic, class and gender individuals.

Credits: 3
On Occasion

SOC 94 Community Service II

A continuation of SOC 93, this course represents

an actual field experience through which students have the opportunity to put into practice knowledge and skills learned in SOC 93. Students develop and participate in a service project in a community-based organization, school, church, etc. Students are required to participate in their project at least three times a week for a minimum of 3 hours per visit and a weekly two hour seminar.

Prerequisite of SOC 93 is required.

Credits: 3
On Occasion

SOC 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, HIS 95 and POL 95.

Prerequisite of Adolescent Education Social Studies major is required.

Credits: 3
Annually

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 Sociology and Anthropology 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: 3
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, 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.

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.

Prerequisite of SOC 303 is required. Student must be in Honors Program.

Credits: 3
Every Spring

SOC 400 State, Society, and the Individual: Hoxie Colloquium

This course is a cross-disciplinary colloquium focusing on issues confronting the human community. Enrollment is limited to three advanced students selected by each of the participating departments. The course is led on a rotating basis by faculty from the departments of Earth and Environmental Science, Economics, History, Political Science/International Studies and Sociology/Anthropology. The faculty member leading the colloquium topic selects the colloquium's topic in consultation with the participating departments. Open to students with advanced standing (ordinarily senior status) in the participating department.

Same as ANT 400, ECO 400, GGR 400, HIS 400 and POL 400.

Prerequisite of Senior status is required.

Credits: 3
On Occasion

SOC 422 American Social Problems in a Global Context

American society and its social problems are examined here utilizing a comparative approach focusing on the global interconnectedness of societies. Social problems theory, grounded in broader sociological perspectives, is used to enhance student learning of the social problems impacting post-modernity globally, including issues of poverty and concentrated wealth; economic and social inequalities, social conflict, peace and war; work and culture; gendered institutions and family; society, nature and the environment; social institutions and their impact on healthcare and health itself. While the focus is primarily on American social problems, the comparative, global approach brings into the discussion both globalization's impact on these problems and alternative institutional responses to the problems. For students in Interdisciplinary Studies B.S., following "Critical Issues for 21st-Century Professionals Track" (Business, Health Care Admin, and Liberal Arts) ONLY.

Credits: 3
On Occasion

COLLEGE OF MANAGEMENT

Committed to access and excellence, the College of Management offers innovative, practice-based, engaged learning and promotes relevant and impactful scholarship to empower students with the functional competencies, critical thinking, global knowledge, and ethical values to become successful professionals in enterprise and society. Graduates of the College should possess professional accountability and social responsibility along with the functional skills and professional capabilities to contribute in meaningful ways as members of today's technology-based economy in public companies, private organizations and nonprofit entities.

The College is distinguished by AACSB-accredited bachelor's degrees in accountancy and business administration (with concentrations in finance, international business, management and marketing). AACSB-accredited accelerated (dual-degree) programs with master's degrees in accountancy, business administration (MBA) and taxation are also available.

A number of engaged learning opportunities have been introduced beginning in 2015 and have already been recognized by AACSB for their excellence. LIU-*iQ* Student Consulting, LIU-*iF* Student Investment Fund and LIU-*iBL* Institute for Branding and licensing are examples where students can take classes for credit and then apply what they have learning in real-world settings.

The College of Management comprises three schools, the School of Business, the School of Professional Accountancy, Finance and Fintech and the School of Computer Science, Innovation and Management Engineering, where at the undergraduate level, the bachelor of science degree in Computer Science are offered. A new department within CSIME is being launched in Fall 2017 as the Department of Data Science, Business Analytics and Innovation which looks to house the new major in Sports Management as well as Fashion Merchandising. This demonstrates the College's commitment to embracing disruption where student capabilities must be cultivated to meet market demands.

Across the College, courses of study are taught by a distinctively credentialed faculty and practicing professionals who provide students with the discipline area skills, knowledge, professional abilities and personal attributes that can form the basis for success in their professional lives.

Please direct your questions to the dean's office at 516-299-3017, email: liupostbiz@liu.edu or fax: 516-299-3131.

Robert Valli

Dean

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DEPARTMENT OF MANAGEMENT

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Chair: Baichun Xiao

Senior Professor: Xiao

Professors: Palvia, Wang

Associate Professors: Freeley, Jalajas, Kobeissi,

Porrini, Shin, Yang, Zhu

Assistant Professor: Moon

Adjunct Faculty: 7

The 21st century is more challenging to managers than preceding decades. The Department of Management curriculum helps students develop analytical and behavioral skills needed to face managerial challenges in a global economy. The primary function of managers is to creatively solve problems and/or facilitate the problem solving efforts of others. Students develop an understanding of this function through the management process of creative problem solving in planning, organizing, leading and controlling.

Academic programs include the Bachelor of Science in Business Administration with a concentration in Management and the accelerated Bachelor of Science in Business Administration program with a concentration in Management. All programs are accredited by AACSB International — the Association to Advance Collegiate Schools of Business, the world's premier business education accreditation agency.

The roles and behaviors expected of managers are explained and the skills required to be a successful manager are developed. Courses cover general management, human resource management, organizational behavior, management information systems, operations management, decision analysis, statistics, business policy, international management and management of technology. A GPA of 2.0 is required of all management majors.

B.S. in Business Administration

CONCENTRATION IN MANAGEMENT

The undergraduate program in management combines liberal arts courses with professional education in business, leading to the Bachelor of Science in Business Administration with a concentration in management. The 120-credit degree focuses on the roles and behaviors necessary to become an effective manager: planning, organizing, problem-solving, leading, operating and controlling. The program equips students with the professional skills to run a successful, competitive company, and to productively interact with customers, employees and shareholders. Through specialized courses in organizational behavior, human resource management and labor relations, business and

society, international management and cross-cultural behavior, and creating and managing a small business, you will develop a broad knowledge of the inner workings of all types of commerce.

The College of Management at LIU Post is known for its distinguished professors, state-of-the-art facilities and strong network of successful alumni. Business majors take classes in a state-of-the-art academic environment. The College's Center for Learning, located in the campus library, is equipped with wireless classrooms, two board rooms, a financial markets classroom, small seminar rooms and a student lounge. Students can increase their future job prospects by interning at corporations and organizations in New York City and on Long Island.

The B.S. degree in Business Administration is accredited by AACSB International (Association to Advance Collegiate Schools of Business), the world's leading business accrediting agency.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Business Administration

{Program Code: 06990}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Business Administration must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (fulfilled by ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (fulfilled by MTH 5)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin. Depending upon the concentration selected, students typically are also required to take 2 to 3 liberal arts electives in order to meet the required liberal arts credit total.

Major Requirements

Business Administration required courses

ACC	11	Accounting Principles I	3.00
ACC	12	Accounting Principles II	3.00
FIN	11	Principles of Finance I	3.00
FIN	12	Principles of Finance II	3.00
LAW	13	Legal Environment of Business	3.00
MAN	11	Principles of Management	3.00
MAN	12	Organizational Behavior	3.00
MAN	16	Business Communication	3.00
MAN	18	Introduction to Business Information Processing	3.00
MAN	71	Business Policy	3.00
MKT	11	Marketing Principles and Practices	3.00
MKT	14	Consumer Motivation and Behavior	3.00

B.S. in Business Administration Required Co-Related Courses

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00
ECO	72	Statistics	3.00
MTH	5	Linear Mathematics for Business and Social Science	3.00
MTH	6	Calculus for Business and Social Science	3.00
POL	2	Introduction to Political Science II	3.00

Finance Concentration Requirements

Required Statistics Course

QAS	20	Business Statistics	3.00
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Required Economic Analysis Course

Students must complete one of the following

ECO	61	Microeconomic Analysis	3.00
ECO	62	Macroeconomic Analysis	3.00

Required Finance Courses

FIN	31	Investments	3.00
FIN	81	Seminar in Financial Services	3.00

Finance Elective Courses

Students must complete two courses from the list below:

FIN	29	Private Equity and Venture Capital	3.00
FIN	32	Security Analysis	3.00

FIN	33	Derivative Markets	3.00
FIN	35	Spreadsheet Modeling In Finance	3.00
FIN	61	Advanced Financial Policies	3.00
FIN	65	Money and Capital Markets	3.00
FIN	71	Global Financial Markets	3.00
FIN	72	Global Financial Management	3.00
FIN	91	Independent Research Study	1.00
FIN	92	Independent Research Study	1.00
FIN	93	Internship	3.00
FIN	94	Internship	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Marketing Concentration

Requirements

Required Statistics Course

QAS	20	Business Statistics	3.00
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Required Marketing Courses

MKT	51	Marketing Research	3.00
MKT	81	Marketing Seminar	3.00

Marketing Elective Courses

Students must complete two of the following courses

MKT	21	Retailing	3.00
MKT	24	Digital Marketing and Branding	3.00
MKT	31	Sales Management	3.00
MKT	33	Marketing and the Regulatory Environment	3.00
MKT	35	Integrated Marketing Communications	3.00
MKT	41	Advertising	3.00
MKT	45	Industrial Marketing	3.00
MKT	55	Marketing Channels	3.00
MKT	61	Product Strategy	3.00
MKT	70	International Business The Firm & Environment	3.00
MKT	71	International Marketing	3.00
MKT	72	Entry Strategies	3.00
MKT	73	Fundamentals of Export Marketing	3.00

MKT	91	Independent Research Study	1.00
MKT	92	Independent Research Study	2.00
MKT	95	Internship	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Management Concentration

Requirements

Required Statistics Course

Students must complete one of the following courses

QAS	19	Business Analytics	3.00
QAS	20	Business Statistics	3.00

Required Management Courses

MAN	14	Creating and Managing a Small Business	3.00
MAN	81	Management Seminar	3.00

Students must complete two of the following Management Elective Courses

MAN	13	Managing Group Dynamics	3.00
MAN	22	Human Resource Management and Labor Relations	3.00
MAN	23	Business and Society	3.00
MAN	34	Service Management	3.00
MAN	51	Production Management	3.00
MAN	75	International Management and Cross Cultural Behavior	3.00
MAN	91	Independent Research Study	1.00
MAN	92	Independent Research Study	2.00
MAN	93	Management Internships	3.00
MAN	94	Management Internships	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

International Business Concentration

Requirements

Required Statistics Course

QAS	20	Business Statistics	3.00
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Required International Business Courses

FIN	71	Global Financial Markets	3.00
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MKT	70	International Business The Firm & Environment	3.00
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MKT	71	International Marketing	3.00
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Students must complete 2 of the following International Business Elective Courses

FIN	72	Global Financial Management	3.00
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MAN	75	International Mangement and Cross Cultural Behavior	3.00
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MKT	72	Entry Strategies	3.00
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Business Elective

Students must complete one undergraduate course from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS. *Note that LAW 13 is not required for the International Business Concentration.*

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 63

Minimum Business Major Credits: 57

Minimum Major GPA: 2.00

DUAL DEGREE PROGRAMS

B.S./M.B.A. in Business Administration

The 150-credit B.S./M.B.A. in Business Administration degree 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 with concentrations in finance, international business, management or marketing, then seamlessly transition into the Master of Business Administration (M.B.A.) program. This dual-degree 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/or Saturdays.

In designing a curriculum that fits your needs and career goals you can choose from a rich array of M.B.A. electives, such as "Program Management," "International Marketing," "Corporate Mergers and Restructuring Strategies" (online course); "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./M.B.A. in Business Administration 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 FIN12
 - MAN 11
 - MKT 11
 - ECO 72 or QAS 20
3. Minimum GMAT or GRE score of 400, or minimum LSAT score of 141; 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. in Business Administration /
Master of Business Administration**
[Program Code: 31072]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Business Administration/Master of Business Administration must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits
Competencies	Computer, Library, Oral

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

**Undergraduate Major Requirements
Required Undergraduate Business
Administration Courses**

A grade of B or better is required in ACC 11 OR 12, FIN 11 OR 12, MAN 11 & MKT 11.

ACC 11	Accounting Principles I	3.00
ACC 12	Accounting Principles II	3.00

FIN 11	Principles of Finance I	3.00
FIN 12	Principles of Finance II	3.00
LAW 13	Legal Environment of Business	3.00
MAN 11	Principles of Management	3.00
MAN 12	Organizational Behavior	3.00
MAN 16	Business Communication	3.00
MAN 18	Introduction to Business Information Processing	3.00
MAN 71	Business Policy	3.00
MKT 11	Marketing Principles and Practices	3.00
MKT 14	Consumer Motivation and Behavior	3.00

Required Undergraduate Co-Related Courses
A grade of B or better is required for ECO 10, 11 to waive GBA 520. A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

ECO 10	Introduction to Microeconomics	3.00
ECO 11	Introduction to Macroeconomics	3.00
ECO 72	Statistics	3.00
MTH 5	Linear Mathematics for Business and Social Science	3.00
MTH 6	Calculus for Business and Social Science	3.00
POL 2	Introduction to Political Science II	3.00

**Marketing and International Business
Required Statistics Course**

A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

QAS 20	Business Statistics	3.00
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Required Economic Analysis Course

Students must complete one of the following

ECO 61	Microeconomic Analysis	3.00
ECO 62	Macroeconomic Analysis	3.00

Required Finance Courses

FIN 31	Investments	3.00
FIN 81	Seminar in Financial Services	3.00

Finance Elective Courses

Students must complete two courses from the list below:

FIN 32	Security Analysis	3.00
FIN 33	Derivative Markets	3.00
FIN 35	Spreadsheet Modeling In Finance	3.00
FIN 61	Advanced Financial Policies	3.00
FIN 65	Money and Capital Markets	3.00
FIN 71	Global Financial Markets	3.00
FIN 72	Global Financial Management	3.00
FIN 91	Independent Research Study	1.00
FIN 92	Independent Research Study	1.00
FIN 93	Internship	3.00
FIN 94	Internship	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

**Marketing Concentration
Requirements (Undergraduate)**

Required Statistics Course

Must receive B or better in QAS 20 OR ECO 72 to waive GBA 525.

QAS 20	Business Statistics	3.00
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Required Marketing Courses

MKT 51	Marketing Research	3.00
MKT 81	Marketing Seminar	3.00

Marketing Elective Courses

Students must complete two of the following courses

MKT 21	Retailing	3.00
MKT 24	Digital Marketing and Branding	3.00
MKT 31	Sales Management	3.00
MKT 33	Marketing and the Regulatory Environment	3.00

MKT	35	Integrated Marketing Communications	3.00
MKT	41	Advertising	3.00
MKT	45	Industrial Marketing	3.00
MKT	55	Marketing Channels	3.00
MKT	61	Product Strategy	3.00
MKT	70	Intl Business :The Firm & Environ	3.00
MKT	71	International Marketing	3.00
MKT	72	Entry Strategies	3.00
MKT	73	Fundamentals of Export Marketing	3.00
MKT	91	Independent Research Study	1.00
MKT	92	Independent Research Study	2.00
MKT	95	Internship	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Management Concentration Requirements (Undergraduate)

Required Statistics Course

Students must complete one of the following courses. A grade of B or better is required for ECO 10, 11 to waive GBA 520. A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

QAS	19	Business Analytics	3.00
QAS	20	Business Statistics	3.00

Required Management Courses

MAN	14	Creating and Managing a Small Business	3.00
MAN	81	Management Seminar	3.00

Students must complete two of the following Management Elective Courses

MAN	13	Managing Group Dynamics	3.00
MAN	22	Human Resource Management and Labor Relations	3.00
MAN	23	Business and Society	3.00
MAN	34	Service Management	3.00

MAN	51	Production Management	3.00
MAN	75	International Management and Cross Cultural Behavior	3.00
MAN	91	Independent Research Study	1.00
MAN	92	Independent Research Study	2.00
MAN	93	Management Internships	3.00
MAN	94	Management Internships	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

International Business Concentration Requirements (Undergraduate)

Required Statistics Course

A grade of B or better is required for ECO 10, 11 to waive GBA 520. A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

QAS	20	Business Statistics	3.00
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Required International Business Courses

FIN	71	Global Financial Markets	3.00
MKT	70	Intl Bus:The Firm & Environ	3.00
MKT	71	International Marketing	3.00

Students must complete 2 of the following International Business Elective Courses

FIN	72	Global Financial Management	3.00
MAN	75	International Management and Cross Cultural Behavior	3.00
MKT	72	Entry Strategies	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS. *Note that LAW 13 is not required for the Internation Business Concentration.*

Graduate Requirements

Required Graduate Business Courses

Students must have received a B or better to waive requirement for M.B.A.

MBA	621	Financial Markets and Institutions	3.00
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MBA	624	Operations Management	3.00
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Required Graduate Management Perspective Courses

MBA	620	Managing Information Technology and e-Commerce	3.00
MBA	622	Competitive Marketing Strategy	3.00
MBA	623	Organizational Behavior	3.00
MBA	625	Global Business: Environment and Operations	3.00

Elective Graduate Business Courses

Students must complete five courses from BLW 701, TAX 726 or FIN, IBU, MAN, MIS, MKT numbered 700 or above.

Required Graduate Capstone Course

MBA	820	Business Policy	3.00
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Credit and GPA Requirements

Minimum Total Credits: 150
 Minimum Total Undergraduate Credits: 120
 Minimum Undergraduate Liberal Arts Credits: 63
 Minimum Graduate Major Credits: 36
 Minimum Undergraduate Major GPA: 3.00
 Minimum Undergraduate Cumulative GPA: 3.00
 Minimum Graduate GPA: 3.00

MINORS

Minor in Business Administration

A minor in Business Administration is a great complement to any degree. Students have the ability to master business knowledge and skills with a Business Minor, which consists of 18 credits: 9 credits of required business core courses and 9 credits of elective courses from any of the four Business Administration areas of specialization (finance, international business, management and marketing). Students seeking a business minor should contact an academic and career counselor for more information.

Minor in Business Administration Requirements

Required Business Courses

MAN	11	Principles of Management	3.00
MKT	11	Marketing Principles and Practices	3.00

Student must complete one from the following:

ACC	11	Accounting Principles I	3.00
FIN	11	Principles of Finance I	3.00

Business Elective Courses

Students must complete nine credits in ACC, BUS, FIN, LAW, MAN, MIS, MKT, QAS.

Students must complete 18 credits for the minor in Business.

Credit and GPA Requirements

Minimum Total Credits: 18

Minimum Minor GPA: 2.25

Management Courses

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 Semester

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.

Prerequisite of MAN 11 is required.

Credits: 3

Every Semester

MAN 13 Managing Group Dynamics

A central factor in achieving productive working relationships is the ability to effectively manage group dynamics. This course examines the dynamics of interpersonal relationships within small groups. Teams will be formed and appropriate exercises conducted to develop interpersonal communication skills required for effective participation in decision-making work groups.

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 examines the opportunities and problems inherent in the process of business communication. The 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.

Prerequisites of FIN 11, MAN 11, MAN 18, and MKT 11 and Junior status are required.

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 22 Human Resource Management and Labor Relations

This course is a review of current human resource management and labor relations policies, practices and techniques. Topics include recruitment, placement, evaluation and compensation of employees.

Prerequisite of MAN 11 is required.

Credits: 3

Every Fall and Spring

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.

Prerequisite of MAN 11 is required.

Credits: 3

Every Fall and Spring

MAN 31 Negotiation

Negotiation is a central part of personal career and organizational strategy. Through the study and practice of negotiation, students develop strategic thinking, learn about the psychology of bargaining, explore their decision making and psychological biases, broaden their ability to convey important points of view with respect to analyzing complex positions and ultimately develop their ability to apply the totality of learning through their educational experience. The class is experiential helping students build advanced interpersonal and communication skills, presentation skills, constructive conflict resolution skills (personal and in-team) through the use of business-specific, knowledge intensive exercises and role-plays. The course develops students' strategic thinking as well as their ability to conduct circumspect situational-analysis with ethical emphasis. Consequently students build a comprehensive set of skills necessary for a business career. The course is highly beneficial to students in the management major and would also be a strong elective to complement any major.

Prerequisite of MAN 12 is required.

Credits: 3

Every Semester

MAN 34 Service Management

This course provide students with the concepts and tools necessary to effectively manage a service operation. The strategic focus should also provide students with the foundation to open their own service businesses. Topics are organized around three modules: (1) Understanding Services, (2) Designing the Service Enterprise, and (3) Managing Service Operations.

Prerequisite of QAS 20 is required.

Credits: 3

Every Fall

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 area 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

Every Semester

MAN 92 Independent Research Study

A program of supervised research in a selected area of management.

Prerequisite of Senior status is required.

Credits: 2

Every Semester

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.

Credits: 3

On Occasion

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. 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.

Credits: 3

On Occasion

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 of MAN 18 is required.

Credits: 3

Every Semester

MIS 30 Business Systems Analysis and Database Design

The topics included in this course are the approaches to collecting and analyzing users, information requirements, principles of entity relationship and data modeling, normalization principles to improve database design, data administration, data security, database backup and recovery, and new directions in Data Base Management Systems (DBMS).

Prerequisite or co-requisite of MIS 20 is required.

Credits: 3

On Demand

MIS 40 Management Support Systems

This course introduces the use of computer-based systems - Management Support Systems (MSS) - in support of managerial decision-making and organizational activity. MSS support managers in his/her decision-making process and improve the effectiveness of managerial activities. Topics include the evolution of MSS, decision-making, data management and modeling which include these Systems: Decision Support (DSS), Expert Support (ES), Group Support (GSS), and Executive Support (ESS).

Prerequisite or co-requisite of MIS 20 is required.

Credits: 3

On Demand

MIS 50 Management of Telecommunications and Networks

This course will introduce the students to the concepts of telecommunications (TC), TC networks, TC equipment, TC capabilities, and TC systems. The issue of managing TC networks is addressed. This knowledge enables students to evaluate TC options in an organizational setting. Students gain an understanding of emerging technologies in order to make informed decisions.

Prerequisite or co-requisite of MIS 20 is required.

Credits: 3

On Demand

MIS 60 Managing Information Technology and Electronic Commerce in a Multinational Business Environment

This course focuses on Information Technology (IT) environments around the world including national infrastructures and regulatory regimes, global IT applications, global IT development strategies, global management support systems and global IT management strategies. The course emphasizes the critical role IT plays in managing global finance, marketing, manufacturing, trade and accounting practices. Also, this course focuses on the comparison and contrast of e-commerce with traditional commerce.

Prerequisites or co-requisites of MIS 20, 30, 40, and 50 are required.

Credits: 3

On Demand

QAS 19 Business Analytics

Proposed Catalogue Description: 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.

Prerequisites of Mth6 and Eco 72 are required.

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

DEPARTMENT OF MARKETING AND INTERNATIONAL BUSINESS

Phone: 516-299-2361/2308

Fax: 516-299-3131

Chair: T. Steven Chang

Professors: Chang, Rao, Siddiqi

Assistant Professors: Bao, Mayor, Wolfe

Adjunct Faculty: 9

Marketing is crucial to the health and survival of any organization. In times of turbulent change, domestically and internationally, sophisticated marketing techniques are the key to survival and continued growth in a competitive world.

Academic programs include the Bachelor of Science in Business Administration with a concentration in marketing or international business and the five-year accelerated Bachelor of Science in Business Administration/Master of Business Administration (M.B.A.) degree program. All programs are accredited by AACSB International – the Association to Advance Collegiate Schools of Business, the world's premier business education accreditation agency. The Department of Marketing and International Business offers a wide range of courses which cover basic and advanced concepts in marketing and international business strategy.

Students learn to make strategic decisions regarding product design, product portfolio, distribution, pricing, advertising and promotion, sales, customer service, and other elements of the marketing mix. A GPA of 2.0 is required for all marketing and international business majors.

B.S. in Business Administration

CONCENTRATION IN MARKETING

In today's fiercely competitive global economy, sophisticated marketing is often the key to the survival and continued growth of any business organization. The undergraduate program in marketing combines liberal arts courses with professional education in business, leading to the Bachelor of Science in Business Administration with a concentration in marketing. Within the 120-credit degree program, students learn to make strategic decisions regarding product design, product portfolio, distribution, pricing, advertising and promotion, sales, customer service, and other elements of the ever-changing marketing mix.

The College of Management at LIU Post is known for its distinguished professors, state-of-the-art facilities and strong network of successful alumni. Business majors take classes in a state-of-the-art academic environment. The College's Center for Learning is equipped with wireless classrooms, two board rooms, a financial markets classroom, small seminar rooms and a student

lounge. Students can increase their future job prospects by interning at corporations and organizations in New York City and on Long Island.

The Bachelor of Science degree in Business Administration is accredited by AACSB International. The AACSB designation recognizes that you have received the highest quality preparation and skills in basic and advanced concepts of marketing and business administration.

CONCENTRATION IN INTERNATIONAL BUSINESS

In this age of increasing globalization, graduates with a degree in business administration and a specialty in international business are in demand. If you love to travel and are curious about the world beyond America's borders, this 120-credit undergraduate program will prepare you for a career working for international corporations in the U.S. or working overseas for multinational corporations.

Through classes such as "International Marketing," "Global Financial Markets," "International Management" and "Cross Cultural Behavior," you will learn cutting-edge strategies for cross-cultural management, cross-border manufacturing and marketing to different cultures in today's globally competitive marketplace.

The College of Management at LIU Post is known for its distinguished professors, state-of-the-art facilities and strong network of successful alumni. Business majors take classes in a state-of-the-art academic environment. The College's Center for Learning is equipped with wireless classrooms, two board rooms, a financial markets classroom, small seminar rooms and a student lounge. Students can increase their future job prospects by interning at corporations and organizations in New York City and on Long Island. Students have opportunity to study abroad through LIU Global in such countries as China, England and Australia.

The Bachelor of Science degree in Business Administration is accredited by the prestigious AACSB International – The Association to Advance Collegiate Schools of Business. This means that your degree will be recognized around the world. The AACSB designation recognizes that you have received the highest quality preparation and skills in global management and business administration.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Business Administration

{Program Code: 06990}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Business Administration must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science (ECO 10 and 11)	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits
Competencies	Computer, Library, Oral

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Business Administration required courses

ACC	11	Accounting Principles I	3.00
ACC	12	Accounting Principles II	3.00
FIN	11	Principles of Finance I	3.00
FIN	12	Principles of Finance II	3.00
LAW	13	Legal Environment of Business	3.00
MAN	11	Principles of Management	3.00
MAN	12	Organizational Behavior	3.00
MAN	16	Business Communication	3.00
MAN	18	Introduction to Business Information Processing	3.00
MAN	71	Business Policy	3.00
MKT	11	Marketing Principles and Practices	3.00
MKT	14	Consumer Motivation and Behavior	3.00

B.S. in Business Administration Required Co-Related Courses

ECO	10	Introduction to Microeconomics	3.00
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ECO	11	Introduction to Macroeconomics	3.00
ECO	72	Statistics	3.00
MTH	5	Linear Mathematics for Business and Social Science	3.00
MTH	6	Calculus for Business and Social Science	3.00
POL	2	Introduction to Political Science II	3.00

Finance Concentration Requirements

Required Statistics Course

QAS	20	Business Statistics	3.00
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Required Economic Analysis Course

Students must complete one of the following

ECO	61	Microeconomic Analysis	3.00
ECO	62	Macroeconomic Analysis	3.00

Required Finance Courses

FIN	31	Investments	3.00
FIN	81	Seminar in Financial Services	3.00

Finance Elective Courses

Students must complete two courses from the list below:

FIN	29	Private Equity and Venture Capital	3.00
FIN	32	Security Analysis	3.00
FIN	33	Derivative Markets	3.00
FIN	35	Spreadsheet Modeling In Finance	3.00
FIN	61	Advanced Financial Policies	3.00
FIN	65	Money and Capital Markets	3.00
FIN	71	Global Financial Markets	3.00
FIN	72	Global Financial Management	3.00
FIN	91	Independent Research Study	1.00
FIN	92	Independent Research Study	1.00
FIN	93	Internship	3.00
FIN	94	Internship	3.00

Business Elective

Students must complete two undergraduate

courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Marketing Concentration

Requirements

Required Statistics Course

QAS	20	Business Statistics	3.00
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Required Marketing Courses

MKT	51	Marketing Research	3.00
MKT	81	Marketing Seminar	3.00

Marketing Elective Courses

Students must complete two of the following courses

MKT	21	Retailing	3.00
MKT	24	Digital Marketing and Branding	3.00
MKT	31	Sales Management	3.00
MKT	33	Marketing and the Regulatory Environment	3.00
MKT	35	Integrated Marketing Communications	3.00
MKT	41	Advertising	3.00
MKT	45	Industrial Marketing	3.00
MKT	55	Marketing Channels	3.00
MKT	61	Product Strategy	3.00
MKT	70	International Business The Firm & Environment	3.00
MKT	71	International Marketing	3.00
MKT	72	Entry Strategies	3.00
MKT	73	Fundamentals of Export Marketing	3.00
MKT	91	Independent Research Study	1.00
MKT	92	Independent Research Study	2.00
MKT	95	Internship	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Management Concentration

Requirements

Required Statistics Course

Students must complete one of the following

courses

QAS	19	Business Analytics	3.00
QAS	20	Business Statistics	3.00

Required Management Courses

MAN	14	Creating and Managing a Small Business	3.00
MAN	81	Management Seminar	3.00

Students must complete two of the following Management Elective Courses

MAN	13	Managing Group Dynamics	3.00
MAN	22	Human Resource Management and Labor Relations	3.00
MAN	23	Business and Society	3.00
MAN	34	Service Management	3.00
MAN	51	Production Management	3.00
MAN	75	International Management and Cross Cultural Behavior	3.00
MAN	91	Independent Research Study	1.00
MAN	92	Independent Research Study	2.00
MAN	93	Management Internships	3.00
MAN	94	Management Internships	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

International Business

Concentration Requirements

Required Statistics Course

QAS	20	Business Statistics	3.00
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Required International Business Courses

FIN	71	Global Financial Markets	3.00
MKT	70	International Business The Firm & Environment	3.00
MKT	71	International Marketing	3.00

Students must complete 2 of the following International Business Elective Courses

FIN	72	Global Financial Management	3.00
MAN	75	International Management and Cross Cultural Behavior	3.00
MKT	72	Entry Strategies	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS. *Note that LAW 13 is not required for the International Business Concentration.*

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 63
 Minimum Business Major Credits: 57
 Minimum Major GPA: 2.00

DUAL DEGREE PROGRAMS

B.S./M.B.A. in Business Administration

The 150-credit B.S./M.B.A. in Business Administration degree 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 with concentrations in finance, international business, management or marketing, then seamlessly transition into the Master of Business Administration (M.B.A.) program. This dual-degree 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/or Saturdays.

In designing a curriculum that fits your needs and career goals you can choose from a rich array of M.B.A. electives, such as "Program Management," "International Marketing," "Corporate Mergers and Restructuring Strategies" (online course); "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. 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./M.B.A. in Business Administration 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 FIN12
 - MAN 11
 - MKT 11
 - ECO 72 or QAS 20
3. Minimum GMAT or GRE score of 400, or minimum LSAT score of 141; 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. in Business Administration / Master of Business Administration

{Program Code: 31072}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Business Administration/Master of Business Administration must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics / Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History / Philosophy	6 credits
Laboratory Science	8 credits
Language / Literature	6 credits
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits
Competency	Computer, Library, Oral

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Undergraduate Major Requirements Required Undergraduate Business Administration Courses

A grade of B or better is required in ACC 11 OR 12, FIN 11 OR 12, MAN 11 & MKT 11.

ACC	11	Accounting Principles I	3.00
ACC	12	Accounting Principles II	3.00
FIN	11	Principles of Finance I	3.00
FIN	12	Principles of Finance II	3.00
LAW	13	Legal Environment of Business	3.00
MAN	11	Principles of Management	3.00
MAN	12	Organizational Behavior	3.00
MAN	16	Business Communication	3.00
MAN	18	Introduction to Business Information Processing	3.00
MAN	71	Business Policy	3.00
MKT	11	Marketing Principles and Practices	3.00
MKT	14	Consumer Motivation and Behavior	3.00

Required Undergraduate Co-Related Courses

A grade of B or better is required for ECO 10, 11 to waive GBA 520. A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00
ECO	72	Statistics	3.00
MTH	5	Linear Mathematics for Business and Social Science	3.00
MTH	6	Calculus for Business and Social Science	3.00
POL	2	Introduction to Political Science II	3.00

Marketing and International Business

Required Statistics Course

A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

QAS	20	Business Statistics	3.00
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Required Economic Analysis Course

Students must complete one of the following

ECO	61	Microeconomic Analysis	3.00
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ECO	62	Macroeconomic Analysis	3.00
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Required Finance Courses

FIN	31	Investments	3.00
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FIN	81	Seminar in Financial Services	3.00
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Finance Elective Courses

Students must complete two courses from the list below:

FIN	32	Security Analysis	3.00
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FIN	33	Derivative Markets	3.00
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FIN	35	Spreadsheet Modeling In Finance	3.00
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FIN	61	Advanced Financial Policies	3.00
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FIN	65	Money and Capital Markets	3.00
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FIN	71	Global Financial Markets	3.00
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FIN	72	Global Financial Management	3.00
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FIN	91	Independent Research Study	1.00
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FIN	92	Independent Research Study	1.00
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FIN	93	Internship	3.00
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FIN	94	Internship	3.00
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Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Marketing Concentration Requirements (Undergraduate)

Required Statistics Course

Must receive B or better in QAS 20 OR ECO 72 to waive GBA 525.

QAS	20	Business Statistics	3.00
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Required Marketing Courses

MKT	51	Marketing Research	3.00
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MKT	81	Marketing Seminar	3.00
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Marketing Elective Courses

Students must complete two of the following courses

MKT	21	Retailing	3.00
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MKT	24	Digital Marketing and Branding	3.00
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MKT	25	Brand Management	3.00
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MKT	31	Sales Management	3.00
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MKT	33	Marketing and the Regulatory Environment	3.00
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MKT	35	Integrated Marketing Communications	3.00
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MKT	36	Brand Licensing	3.00
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MKT	41	Advertising	3.00
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MKT	45	Industrial Marketing	3.00
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MKT	55	Marketing Channels	3.00
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MKT	61	Product Strategy	3.00
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MKT	70	Intl Business :The Firm & Environ	3.00
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MKT	71	International Marketing	3.00
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MKT	72	Entry Strategies	3.00
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MKT	73	Fundamentals of Export Marketing	3.00
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MKT	91	Independent Research Study	1.00
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MKT	92	Independent Research Study	2.00
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MKT	95	Internship	3.00
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Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Management Concentration

Requirements (Undergraduate)

Required Statistics Course

Students must complete one of the following courses. A grade of B or better is required for ECO 10, 11 to waive GBA 520. A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

QAS	19	Business Analytics	3.00
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QAS	20	Business Statistics	3.00
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Required Management Courses

MAN	14	Creating and Managing a Small Business	3.00
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MAN	81	Management Seminar	3.00
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Students must complete two of the following Management Elective Courses

MAN	13	Managing Group Dynamics	3.00
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MAN	22	Human Resource Management and Labor Relations	3.00
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MAN	23	Business and Society	3.00
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MAN	34	Service Management	3.00
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MAN	51	Production Management	3.00
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MAN	75	International Management and Cross Cultural Behavior	3.00
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MAN	91	Independent Research Study	1.00
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MAN	92	Independent Research Study	2.00
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MAN	93	Management Internships	3.00
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MAN	94	Management Internships	3.00
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Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

International Business Concentration Requirements (Undergraduate)

Required Statistics Course

A grade of B or better is required for ECO 10, 11 to waive GBA 520. A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

QAS	20	Business Statistics	3.00
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Required International Business Courses

FIN	71	Global Financial Markets	3.00
MKT	70	Intl Bus:The Firm & Environ	3.00
MKT	71	International Marketing	3.00

Students must complete 2 of the following International Business Elective Courses

FIN	72	Global Financial Management	3.00
MAN	75	International Management and Cross Cultural Behavior	3.00
MKT	72	Entry Strategies	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS. *Note that LAW 13 is not required for the International Business Concentration.*

Graduate Requirements

Required Graduate Business Courses

Students must have received a B or better to waive requirement for M.B.A.

MBA	621	Financial Markets and Institutions	3.00
MBA	624	Operations Management	3.00

Required Graduate Management Perspective Courses

MBA	620	Managing Information Technology and e-Commerce	3.00
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MBA	622	Competitive Marketing Strategy	3.00
MBA	623	Organizational Behavior	3.00
MBA	625	Global Business: Environment and Operations	3.00

Elective Graduate Business Courses

Students must complete five courses from BLW 701, TAX 726 or FIN, IBU, MAN, MIS, MKT numbered 700 or above.

Required Graduate Capstone Course

MBA	820	Business Policy	3.00
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Credit and GPA Requirements

Minimum Total Credits: 150
 Minimum Total Undergraduate Credits: 120
 Minimum Undergraduate Liberal Arts Credits: 63
 Minimum Graduate Major Credits: 36
 Minimum Undergraduate Major GPA: 3.00
 Minimum Undergraduate Cumulative GPA: 3.00
 Minimum Graduate GPA: 3.00

MINORS

Minor in Branding and Licensing

Branding and licensing are ubiquitous in the world of business. Brand management is a central marketing activity that has existed for a long time, but its importance really became evident during the merger and acquisition wave in the 1980s as companies paid large sums of money for the intangible value of brands. Universities soon followed with research and courses dedicated to pursuing brand management, and in particular, brand equity. However, very few branding and licensing programs exist at universities, and if they do, the focus tends to be on graduate education and/or “one-off” course offerings. Although branding and licensing commonly are associated with the field of marketing, it is clear that they transcend marketing to also affect areas as disparate as law and accounting. A minor in Branding and Licensing can help fill this void and appeal to undergraduate students from a variety of majors.

Minor in Branding and Licensing Core Requirements

MKT	14	Consumer Motivation and Behavior	3.00
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MKT	24	Digital Marketing and Branding	3.00
MKT	25	Brand Management	3.00
MKT	36	Brand Licensing	3.00
MKT	51	Marketing Research	3.00
MKT	96	Internship for Branding and Licensing	3.00

Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Major GPA: 3.0

Minor in Entrepreneurship

The 18-credit Minor in Entrepreneurship is intended for both business majors and non-business majors who want to acquire business knowledge and entrepreneurial skills necessary to transform innovative ideas into a new venture and sustaining competitive advantage in small business management.

Minor in Entrepreneurship Requirements

Entrepreneurship Minor Requirements

Required Entrepreneurship Courses

ENT	11	Principles of Management	3.00
ENT	12	Marketing Principles and Practices	3.00
ENT	15	Creating and Managing a Small Business	3.00
ENT	16	Management Seminar	3.00
One of the following basic electives:			
ENT	13	Principles of Finance I	3.00
ENT	14	Accounting Principles	3.00
And one of the following advanced electives:			
ENT	17	Social Entrepreneurship Consulting	3.00
ENT	101	Foundations of Entrepreneurship	3.00

Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Major GPA: 2.25

Marketing and International Business 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 actions 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

Consumer behavior is a field of study that aims to understand decision-making processes that consumers undertake when they identify the needs of, search for, evaluate, purchase, use, and dispose of products or services. 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 21 Retailing

This is a survey course emphasizing retail strategy, the evolution of retail institutions such as hypermarkets and the wheel of retailing, markups, atmospherics, location and distribution strategy, scrambled merchandising, market analysis and inventory control. Also, the creation of store image and consumer loyalty is studied.

Prerequisite of MKT 11 is required.

Credits: 3

On Occasion

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

On Occasion

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 31 Sales Management

The importance of managing the creative selling function, including telemarketing, missionary sales, prospecting and qualifying prospects, territory management, role ambiguity, evaluation of sales performance and motivating a sales force is examined in this course.

Prerequisite of MKT 11 is required.

Credits: 3

On Occasion

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 43 Direct Marketing

Direct response sales is one of the fastest growing areas in the field of marketing. Methods of tapping this market constitute some of the most sophisticated techniques devised and are the cutting edge of information technology. This course will familiarize students with the entire range of direct response channels and the advertising strategies appropriate to each.

Prerequisite of MKT 11 is required.

Credits: 3

Annually

MKT 45 Industrial Marketing

This course covers study of business-to business marketing, organizational buying behavior, decision-making units, buying center processes, OEMs, value added dealers, industrial segmentation, market concentration, SIC codes, derived demand, joint demand, straight/modify/new task purchases, make/buy/lease decisions and government marketing.

Prerequisite of MKT 11 is required.

Credits: 3

On Occasion

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 designing marketing analytics to evaluate brand equity and licensed properties

Prerequisites MKT 11 and QAS 20 are required.

Credits: 3

Every Semester

MKT 55 Marketing Channels

This course covers the analysis and management of distribution strategies, including selection of wholesalers, channel power and conflict, channel dominance, physical distribution and logistics, legal constraints and international comparisons of marketing distribution systems.

Prerequisite of MKT 11 is required.

Credits: 3

On Occasion

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 *co-requisite* of MKT 51 is required.

Credits: 3

Annually

MKT 70 International Business: The Firm & Environment

The course aims to introduce the students to the discipline of international business. It discusses the uniqueness of the international environment and identifies the opportunities and threats for domestic business. It explains the key institutions which have facilitated globalization through the multilateral negotiation process. The bilateral forces stimulating regionalization are also analyzed. Of particular concern is the role of the firm in these processes. 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 72 Entry Strategies

This course is an overview of International Marketing entry strategies. Students will examine the infrastructure of these markets, emerging trends, barriers to entry, and the development of marketing strategies needed to enter and compete in these unique environments.

Prerequisite of MKT 71 is required.

Credits: 3

Annually

MKT 73 Fundamentals of Export Marketing

This course is an introduction to international marketing tactics for those students interested in exporting. The course examines the discovery of leads for export targets, analyzes marketing methods, sales costs and expenses, surveys, and how to design, control and operate a global distribution network. In addition, the various governmental agencies and support systems available to assist businesses in globalizing their marketing activities are examined.

Prerequisite of MKT 71 is required.

Credits: 3

Annually

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 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 92 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: 2

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 Marketing & International Business 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 Marketing & International Business 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

ENT 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 Semester

ENT 12 Marketing Principles and Practices

This is a survey course of the field of marketing with particular emphasis on segmentation and target marketing, differential advantage, product life cycles, positioning, marketing mix decisions and product development.

Credits: 3

Every Semester

ENT 13 Principles of Finance 1

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 14 Accounting Principles

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 Fall and Spring

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.

Prerequisite of MAN 11 and FIN 11 are required.

Credits: 3

Every Fall

ENT 16 Management Seminar

In this course, students utilize and direct all previous knowledge attained in the area of management toward the solution of pragmatic problem. The research project incorporates theoretical and empirical literature plus relevant methodology.

Prerequisite of Senior status is required.

Credits: 3

Every Semester

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 101 Foundations of Entrepreneurship

Introduction to the fundamentals of Entrepreneurship helps students gain an understanding of the business principles necessary to start and operate a business. Students will develop an awareness of the opportunities for new venture formation and develop the planning skills needed to open a new technology-based enterprise. Students will explore the traits and characteristics of successful entrepreneurs and, gain an awareness of knowledge needed in research, planning, operations, and regulations impacting investment readiness. They will learn strategies of business in management and marketing and the economic role of the entrepreneur in the market system. The course will cover all aspects of entrepreneurship and enterprise formation. By the end of the class students should be ready to start their own business from the ground up.

Credits: 3

Every Spring

SCHOOL OF PROFESSIONAL ACCOUNTANCY, FINANCE AND FINTECH

Accounting

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Acting Director, Dr. Rebecca L. Rosner

Professors: Abatemarco, Rosner

Associate Professor: Leopold-Persoff

Assistant Professors: Haq, Hoops, Leifer, Ren, Siraj

Adjuncts: 6

Finance

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Chair: Carol Boyer

Professor: Dalvi

Associate Professors: Boyer, Sharma, Zhang

Adjunct Faculty: 3

Professors Emeritus: Ewald, Hiris & Smith

The LIU Post School of Professional Accountancy, Finance and FinTech 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 finance and as accountants, tax preparers and estate and financial planners. The Accounting curriculum qualifies students to sit for the Certified Public Accountant (CPA) examination in New York State.

The School's M.B.A. and master of science degrees are offered in accountancy (select a concentration in professional accounting or taxation) and taxation. Graduate programs in accountancy are offered in the blended learning format, which combines the convenience of online learning with the benefits of live classroom discussion and interaction. The Graduate Program in Taxation is a fully on-line program. The courses are offered asynchronously which provides the flexibility for course participation at any time without being restricted to a specific course time slot. 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.

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 and stock exchanges. Students learn the techniques to adapt to shifting issues in the field, including corporate governance standards, securities regulation, ethics

and compensation. In order to complement classroom knowledge with real-world experiences, the University offers internships in professional settings.

The School offers two academic programs in Finance: the Bachelor of Science in Business Administration with a Finance concentration and the accelerated Bachelor of Science in Business Administration with Finance concentration and Master of Business Administration (M.B.A.). All programs are accredited by AACSB International — the Association to Advance Collegiate Schools of Business, the world's premier business education accreditation agency.

B.S. in Accountancy

The 120-credit Bachelor of Science in Accountancy is ideal preparation for a career in the fields of accountancy, taxation and business services. Professors with extensive professional experience and top academic credentials lead small classes, interacting closely with students.

Students have opportunities for internships at the Big Four accounting firms, as well as mid-sized and small firms. In addition, the LIU Post Accounting Society and the Kappa Omicron Chapter of Beta Alpha Psi bring together practicing accounting professionals and accounting majors through formal and informal events throughout the year. It is common for students in the program to have offers of full-time employment even before graduating. Alumni of this program can be found in positions of leadership at major New York-based accounting and business services firms.

B.S. in Accounting Learning Goals

1. Demonstrate knowledge and understanding of accounting fundamentals.
2. Demonstrate ability to apply accounting concepts.
3. Demonstrate effective oral and written communication skills.
4. Use information technology for decision making and problem solving in business.
5. Understand professional responsibilities and methods for identifying and addressing ethical issues in business and accounting.
6. Understanding the global nature of today's accounting and business environment.
7. Demonstrate effective collaborative skills.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Accountancy

{Program Code: 06983}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Accountancy must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Accountancy Courses

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 for Accountants	3.00
MAN 11	Principles of Management	3.00
MIS 20	Information Systems Management	3.00
MKT 11	Marketing Principles and Practices	3.00

QAS	19	Business Analytics	3.00
Required Co-Related Courses			
ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00
ECO	72	Statistics	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 and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 66
 Minimum Accounting and Business Credits: 54
 Minimum Accounting GPA: 2.0
 Minimum Business Courses GPA: 2.00
 Minimum Cumulative GPA: 2.00

B.S. in Business Administration

CONCENTRATION IN FINANCE

The 120-credit Bachelor of Science in Business Administration with a concentration in finance prepares you for a diverse career in all aspects of global financial management.

ADMISSION REQUIREMENTS

- Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Business Administration

{Program Code: 06990}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Business Administration must satisfy all core curriculum requirements as follows:

POST 101	1 credit
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First-Year Composition	6 credits
Economics/Political Science	6 credits (fulfilled by ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (fulfilled by MTH 5)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin. Depending upon the concentration selected, students typically are also required to take 2 to 3 liberal arts electives in order to meet the required liberal arts credit total.

Major Requirements

Business Administration required courses

ACC	11	Accounting Principles I	3.00
ACC	12	Accounting Principles II	3.00
FIN	11	Principles of Finance I	3.00
FIN	12	Principles of Finance II	3.00
LAW	13	Legal Environment of Business	3.00
MAN	11	Principles of Management	3.00
MAN	12	Organizational Behavior	3.00
MAN	16	Business Communication	3.00
MAN	18	Introduction to Business Information Processing	3.00
MAN	71	Business Policy	3.00
MKT	11	Marketing Principles and Practices	3.00
MKT	14	Consumer Motivation and Behavior	3.00

B.S. in Business Administration Required Co-Related Courses

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00
ECO	72	Statistics	3.00
MTH	5	Linear Mathematics for Business and Social Science	3.00
MTH	6	Calculus for Business and Social Science	3.00
POL	2	Introduction to Political Science II	3.00

Finance Concentration Requirements

Required Statistics Course

QAS	20	Business Statistics	3.00
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Required Economic Analysis Course

Students must complete one of the following

ECO	61	Microeconomic Analysis	3.00
ECO	62	Macroeconomic Analysis	3.00

Required Finance Courses

FIN	31	Investments	3.00
FIN	81	Seminar in Financial Services	3.00

Finance Elective Courses

Students must complete two courses from the list below:

FIN	29	Private Equity and Venture Capital	3.00
FIN	32	Security Analysis	3.00

FIN	33	Derivative Markets	3.00
FIN	35	Spreadsheet Modeling In Finance	3.00
FIN	61	Advanced Financial Policies	3.00
FIN	65	Money and Capital Markets	3.00
FIN	71	Global Financial Markets	3.00
FIN	72	Global Financial Management	3.00
FIN	91	Independent Research Study	1.00
FIN	92	Independent Research Study	1.00
FIN	93	Internship	3.00
FIN	94	Internship	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Marketing Concentration

Requirements

Required Statistics Course

QAS	20	Business Statistics	3.00
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Required Marketing Courses

MKT	51	Marketing Research	3.00
MKT	81	Marketing Seminar	3.00

Marketing Elective Courses

Students must complete two of the following courses

MKT	21	Retailing	3.00
MKT	24	Digital Marketing and Branding	3.00
MKT	31	Sales Management	3.00
MKT	33	Marketing and the Regulatory Environment	3.00
MKT	35	Integrated Marketing Communications	3.00
MKT	41	Advertising	3.00
MKT	45	Industrial Marketing	3.00
MKT	55	Marketing Channels	3.00
MKT	61	Product Strategy	3.00
MKT	70	International Business The Firm & Environment	3.00
MKT	71	International Marketing	3.00
MKT	72	Entry Strategies	3.00
MKT	73	Fundamentals of Export Marketing	3.00

MKT	91	Independent Research Study	1.00
MKT	92	Independent Research Study	2.00
MKT	95	Internship	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Management Concentration

Requirements

Required Statistics Course

Students must complete one of the following courses

QAS	19	Business Analytics	3.00
QAS	20	Business Statistics	3.00

Required Management Courses

MAN	14	Creating and Managing a Small Business	3.00
MAN	81	Management Seminar	3.00

Students must complete two of the following Management Elective Courses

MAN	13	Managing Group Dynamics	3.00
MAN	22	Human Resource Management and Labor Relations	3.00
MAN	23	Business and Society	3.00
MAN	34	Service Management	3.00
MAN	51	Production Management	3.00
MAN	75	International Management and Cross Cultural Behavior	3.00
MAN	91	Independent Research Study	1.00
MAN	92	Independent Research Study	2.00
MAN	93	Management Internships	3.00
MAN	94	Management Internships	3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

International Business Concentration

Requirements

Required Statistics Course

QAS	20	Business Statistics	3.00
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Required International Business Courses

FIN	71	Global Financial Markets	3.00
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MKT	70	International Business The Firm & Environment	3.00
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MKT	71	International Marketing	3.00
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Students must complete 2 of the following International Business Elective Courses

FIN	72	Global Financial Management	3.00
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MAN	75	International Mangement and Cross Cultural Behavior	3.00
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MKT	72	Entry Strategies	3.00
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Business Elective

Students must complete one undergraduate course from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS. *Note that LAW 13 is not required for the International Business Concentration.*

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 63

Minimum Business Major Credits: 57

Minimum Major GPA: 2.00

DUAL DEGREE PROGRAMS

B.S./M.S. in Accountancy

The School of Professional Accountancy, Finance and FinTech offers an accelerated program for qualified students to earn both a Bachelor of Science and a Master of Science in Accountancy. This 150-credit program allows the student to obtain both degrees in five years. 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./M.S. in Accountancy is registered by the New York State Education Department as a 150-hour CPA licensure-qualifying program 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 an accelerated track in his or her senior year. All eligibility requirements for admission to the graduate degree program must be satisfied.

Students in this program have a choice of a concentration in Professional Accountancy or Taxation.

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 FIN12
- MAN 11
- MKT 11
- ECO 72 or QAS 20
- Minimum GMAT score of 400; and
- Meet the same standards for admission to the M.S. 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./M.S. in Accountancy

[Program Code: 20450]

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S./M.S. in Accountancy must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Undergraduate Accountancy 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 for Accountants	3.00
MAN 11	Principles of Management	3.00
MBA 620	Managing Information Systems	3.00
MKT 11	Marketing Principles and Practices	3.00
MBA 624	Operations Mangement	3.00

Note that dual degree candidates in the B.S./M.S. take MBA 620 in place of MIS 20 (Information Systems Management) and MBA 624 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.).

Required Undergraduate Co-Related Courses

ECO 10	Introduction to Microeconomics	3.00
ECO 11	Introduction to Macroeconomics	3.00
ECO 72	Statistics	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

ACC 750	Advanced Accounting Information Systems	3.00
ACC 742	Financial Statement Analysis	3.00
TAX 620	Tax Accounting	3.00

Professional Accounting Concentration

Required Graduate Accounting Courses

Students must complete one of the following:

ACC 720	Not-for-Profit Entity Accounting	3.00
ACC 753	Advanced Assurance Services & Computer Auditing	3.00
ACC 754	Fraud Examination Seminar in Current Developments in Taxation	3.00

Elective Graduate Accounting & Taxation Courses

Students with the intention to attain the 150 credits necessary to fulfill CPA requirements must complete three of the following:

ACC 709	Corporate Financial Reporting	3.00
TAX 625	Federal Taxation of Estates, Gifts and Trusts	3.00
TAX 726	Tax Strategies and Business Decisions	3.00
TAX 729	State & Local Taxation	3.00
TAX 760	Tax Research	3.00
TAX 762	Procedures and Practices in Federal Taxation	3.00
TAX 771	Corporate Taxation	3.00
TAX 772	Corporate Reorganizations and Consolidations	3.00
TAX 773	Consolidated Returns	3.00
TAX 774	Taxation of High Net Worth Individuals / Introduction to Personal Financial Planning	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

Taxation Concentration

Required Graduate Taxation Courses

TAX 760	Tax Research	3.00
TAX 762	Procedures & Practices in Federal Taxation	3.00
TAX 771	Corporate Taxation	3.00
TAX 775	Partnerships & Limited Liability Entities	3.00

Elective Taxation Courses

Students with the intention to attain the 150 credits necessary to fulfill CPA requirements must complete three of the following:

ACC 709	Corporate Financial Reporting	3.00
ACC 720	Not-for-Profit Entity Accounting	3.00
ACC 753	Advanced Assurance Services & Computer Auditing	3.00
ACC 754	Fraud Examination	3.00
ACC 790	Seminar in Current Developments in Taxation	3.00
TAX 625	Federal Taxation of Estates, Gifts and Trusts	3.00
TAX 726	Tax Strategies and Business Decisions	3.00
TAX 729	State & Local Taxation	3.00
TAX 772	Corporate Reorganizations and Consolidations	3.00
TAX 773	Consolidated Returns	3.00
TAX 774	Taxation of High Net Worth Individuals / Introduction to Personal Financial Planning	3.00
TAX 776	Partnerships and Limited Liability Entities	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 790	Seminar in Current Developments in Taxation	3.00
TAX 791	Independent Study (Director's Permission)	3.00

For scheduling purposes please note:
 Generally offered in the Fall: ACC 754, TAX 771, TAX 776, TAX 778, TAX 788
 Generally offered in the Spring: ACC 753, TAX 625, TAX 729, TAX 762, TAX 775

Credit and GPA Requirements

Minimum Total Credits: 150
 Minimum Undergraduate Business Credits: 24
 Minimum Undergraduate Accounting Credits: 30
 Minimum Undergraduate Liberal Arts Credits: 66
 Minimum Graduate Credits: 30
 Minimum Undergraduate Major GPA: 3.00
 Minimum Undergraduate Cumulative GPA: 3.00
 Minimum Graduate GPA: 3.00

B.S./M.B.A. in Accountancy

The School of Professional Accountancy offers an accelerated program for qualified students to earn both a Bachelor of Science and an M.B.A. in Accountancy. This 159-credit program allows the student to obtain both degrees in five years. 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./M.B.A. in Accountancy is registered by the New York State Education Department as a 150-hour CPA licensure-qualifying program 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 an accelerated track in his or her senior year. All eligibility requirements for admission to the graduate degree program must be satisfied.

Students in this program have a choice of a concentration in Professional Accountancy or Taxation.

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 FIN12
 - MAN 11
 - MKT 11
 - ECO 72 or QAS 20
- Minimum GMAT or GRE score of 400, or minimum LSAT score of 141; and
- Meet the same standards for admission to the M.S. 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. in Accountancy/Master of Business Administration

{Program Code: 30579}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Accountancy/Master of Business Administration must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits

Language/Literature	6 credits
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

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
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

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 for Accountants	3.00
MAN 11	Principles of Management	3.00
MKT 11	Marketing Principles and Practices	3.00

Required Undergraduate Co-Related Courses

ECO 10	Introduction to Microeconomics	3.00
ECO 11	Introduction to Macroeconomics	3.00
ECO 72	Statistics	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 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 Assurance Services and Computer Auditing	3.00

Required Graduate Capstone Course

MBA	820	Business Policy	3.00
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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 Business Administration Courses

Students must take a minimum of three of the following:

BLW, TAX or any FIN, IBU, MAN, MIS or MKT courses 700 or above

Credit and GPA Requirements

- Minimum Total Credits: 150
- Minimum Total Undergraduate Credits: 120
- Minimum Undergraduate Liberal Arts Credits: 63
- Minimum Graduate Major Credits: 36
- Minimum Undergraduate Major GPA: 3.00
- Minimum Undergraduate Cumulative GPA: 3.00
- Minimum Graduate GPA: 3.00

B.S./M.B.A. in Business

Administration

The 150-credit B.S./M.B.A. in Business Administration degree 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 with concentrations in finance, international business, management or marketing, then seamlessly transition into the Master of Business Administration (M.B.A.) program. This dual-degree program enables you to enter the business world sooner, armed with superior credentials and higher earning potential. To accommodate busy schedules, M.B.A. students have the option to take courses offered on weeknights and/or Saturdays. The business programs at LIU Post are accredited by AACSB International – the Association to Advance Collegiate Schools of Business.

ADMISSION REQUIREMENTS

Undergraduate students can apply for admission into the 5-year B.S./M.B.A. in Business Administration 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 FIN12
 - MAN 11
 - MKT 11
 - ECO 72 or QAS 20
3. Minimum GMAT or GRE score of 400, or minimum LSAT score of 141; 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. in Business Administration / Master of Business Administration

{Program Code: 31072}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Business Administration/Master of Business Administration must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits

Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Undergraduate Major Requirements

Required Undergraduate Business

Administration Courses

A grade of B or better is required in ACC 11 OR 12, FIN 11 OR 12, MAN 11 & MKT 11.

ACC	11	Accounting Principles I	3.00
ACC	12	Accounting Principles II	3.00
FIN	11	Principles of Finance I	3.00
FIN	12	Principles of Finance II	3.00
LAW	13	Legal Environment of Business	3.00
MAN	11	Principles of Management	3.00
MAN	12	Organizational Behavior	3.00
MAN	16	Business Communication	3.00
MAN	18	Introduction to Business Information Processing	3.00
MAN	71	Business Policy	3.00
MKT	11	Marketing Principles and Practices	3.00
MKT	14	Consumer Motivation and Behavior	3.00

Required Undergraduate Co-Related Courses

A grade of B or better is required for ECO 10, 11 to waive GBA 520. A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

ECO	10	Introduction to Microeconomics	3.00
ECO	11	Introduction to Macroeconomics	3.00
ECO	72	Statistics	3.00
MTH	5	Linear Mathematics for Business and Social Science	3.00
MTH	6	Calculus for Business and Social Science	3.00
POL	2	Introduction to Political Science II	3.00

Finance Concentration Requirements

(Undergraduate)

Required Statistics Course

A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

QAS 20 Business Statistics 3.00

Required Economic Analysis Course

Students must complete one of the following

ECO 61 Microeconomic Analysis 3.00

ECO 62 Macroeconomic Analysis 3.00

Required Finance Courses

FIN 31 Investments 3.00

FIN 81 Seminar in Financial Services 3.00

Finance Elective Courses

Students must complete two courses from the list below:

FIN 32 Security Analysis and Student Investment Fund 3.00

FIN 33 Derivative Markets 3.00

FIN 35 Spreadsheet Modeling In Finance 3.00

FIN 61 Advanced Financial Policies 3.00

FIN 65 Money and Capital Markets 3.00

FIN 71 Global Financial Markets 3.00

FIN 72 Global Financial Management 3.00

FIN 91 Independent Research Study 1.00

FIN 92 Independent Research Study 1.00

FIN 93 Internship 3.00

FIN 94 Internship 3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Marketing Concentration

Requirements (Undergraduate)

Required Statistics Course

Must receive B or better in QAS 20 OR ECO 72 to waive GBA 525.

QAS 20 Business Statistics 3.00

Required Marketing Courses

MKT 51 Marketing Research 3.00

MKT 81 Marketing Seminar 3.00

Marketing Elective Courses

Students must complete two of the following courses

MKT 21 Retailing 3.00

MKT 24 Digital Marketing and Branding 3.00

MKT 31 Sales Management 3.00

MKT 33 Marketing and the Regulatory Environment 3.00

MKT 35 Integrated Marketing Communications 3.00

MKT 41 Advertising 3.00

MKT 45 Industrial Marketing 3.00

MKT 55 Marketing Channels 3.00

MKT 61 Product Strategy 3.00

MKT 70 Intl Business :The Firm & Environ 3.00

MKT 71 International Marketing 3.00

MKT 72 Entry Strategies 3.00

MKT 73 Fundamentals of Export Marketing 3.00

MKT 91 Independent Research Study 1.00

MKT 92 Independent Research Study 2.00

MKT 95 Internship 3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

Management Concentration

Requirements (Undergraduate)

Required Statistics Course

Students must complete one of the following courses. A grade of B or better is required for ECO 10, 11 to waive GBA 520. A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

QAS 19 Business Analytics 3.00

QAS 20 Business Statistics 3.00

Required Management Courses

MAN 14 Creating and Managing a Small Business 3.00

MAN 81 Management Seminar 3.00

Students must complete two of the following

Management Elective Courses

MAN 13 Managing Group Dynamics 3.00

MAN 22 Human Resource Management and Labor Relations 3.00

MAN 23 Business and Society 3.00

MAN 34 Service Management 3.00

MAN 51 Production Management 3.00

MAN 75 International Management and Cross Cultural Behavior 3.00

MAN 91 Independent Research Study 1.00

MAN 92 Independent Research Study 2.00

MAN 93 Management Internships 3.00

MAN 94 Management Internships 3.00

Business Elective

Students must complete two undergraduate courses from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS.

International Business Concentration Requirements (Undergraduate)

Required Statistics Course

A grade of B or better is required for ECO 10, 11 to waive GBA 520. A grade of B or better in QAS 20 OR ECO 72 is required to waive GBA 525.

QAS 20 Business Statistics 3.00

Required International Business Courses

FIN 71 Global Financial Markets 3.00

MKT 70 Intl Bus:The Firm & Environ 3.00

MKT 71 International Marketing 3.00

Students must complete 2 of the following

International Business Elective Courses

FIN 72 Global Financial Management 3.00

MAN 75 International Management and Cross Cultural Behavior 3.00

MKT 72 Entry Strategies 3.00

Business Elective

Students must complete one undergraduate course from ACC, BUS, FIN, LAW, MAN, MIS, MKT or QAS. *Note that LAW 13 is not required for the International Business Concentration.*

Graduate Requirements

Required Graduate Business Courses

Students must have received a B or better to waive requirement for M.B.A.

MBA 621 Financial Markets and Institutions 3.00

MBA 624 Operations Management 3.00

Required Graduate Management Perspective Courses

MBA 620 Managing Information Technology and e-Commerce 3.00

MBA 622 Competitive Marketing Strategy 3.00

MBA	623	Organizational Behavior	3.00
MBA	625	Global Business: Environment and Operations	3.00

Elective Graduate Business Courses

Students must complete five courses from BLW 701, TAX 726 or FIN, IBU, MAN, MIS, MKT numbered 700 or above.

Required Graduate Capstone Course

MBA	820	Business Policy	3.00
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Credit and GPA Requirements

Minimum Total Credits: 150

Minimum Total Undergraduate Credits: 120

Minimum Undergraduate Liberal Arts Credits: 63

Minimum Graduate Major Credits: 36

Minimum Undergraduate Major GPA: 3.00

Minimum Undergraduate Cumulative GPA: 3.00

Minimum Graduate GPA: 3.00

MINORS**Minor in Accounting**

Undergraduate students who are pursuing a major in another subject area can apply elective courses (18 credits) toward a minor in accountancy. Contact your academic and career counselor about further requirements and additional information.

Minor in Accounting Requirements

Required Accounting Courses

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

Elective Accounting Courses

Students must complete six credits from the following:

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

Credit and GPA Requirements

Minimum Total Credits: 18

Minimum Minor GPA: 2.5

Minor in Private Equity and**Alternative Investments**

Focusing on investment opportunities outside the traditional capital markets, the Private Equity and Alternative Investments minor focuses on private equity strategies. The financing of entrepreneurial firms through venture capital, acquisitions and restructurings will be studied. Drawing upon the expertise of leaders in the field, students will also be exposed to real estate, insurance, hedge funds, commodities, currencies and fine art investments.

Minor in Private Equity and**Alternative Investments****Requirements**

FIN	29	Private Equity and Venture Capital	3.00
FIN	37	Seminar in Alternative Investments	3.00
FIN	95	Internships in Alternative Investments	3.00

One of the following:

FIN	36	Entrepreneurial Finance	3.00
FIN	38	Insurance	3.00
FIN	43	Real Estate Investments	3.00

Credit and GPA Requirements

Minimum Total Credits: 12 (plus FIN 11

Principles of Finance I or permission of the chair)

Minimum Major GPA: 2.50

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 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 in 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.

Co-requisite 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 for Accountants

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

Finance Courses

FIN 11 Principles of Finance I

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.

Prerequisite or Co-requisite of ACC 11 is required or permission of Chair.

Credits: 3

Every Semester

FIN 12 Principles of Finance II

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. *Prerequisites of FIN 11 and ACC 11 are required.*
Credits: 3
Every Semester

FIN 23 Personal Finance

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. Business Elective.
Credits: 3
Annually

FIN 25 Introduction to Real Estate

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. Business Elective.
Credits: 3
On Occasion

FIN 29 Private Equity and Venture Capital

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.
Prerequisite of FIN 11 is required.
Credits: 3
On Occasion

FIN 31 Investments

The course focuses on security markets and investment opportunities. Students are exposed to the concepts of markets 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.
Prerequisite of FIN 11 is required.
Credits: 3
Every Fall and Spring

FIN 32 Security Analysis and Student Investment Fund

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 and collectively build a portfolio of investments in listed U.S. equities. Students will take responsibility for stock market sector coverage and make formal written and oral investment proposals. Students will develop, implement and follow investment policies. Students will conceptualize and formulate portfolio reporting culminating in a presentation of portfolio composition and performance to an outside board of advisors and to trustees, alumni and donors who have invested the funds to be managed through this engaged learning initiative.
Prerequisite of FIN 31 is required.
Credits: 3
Every Spring

FIN 33 Derivative Markets

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.
Credits: 3
Annually

FIN 35 Spreadsheet Modeling in Finance

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, the cost of capital and capital budgeting.
Credits: 3
Every Fall

FIN 36 Entrepreneurial Finance

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.
Credits: 3
On Occasion

FIN 37 Seminar in Alternative Investments

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.
Credits: 3
On Occasion

FIN 38 Insurance

This course considers how insurance is used to compensate for risk and presents the specific uses of insurance with respect to personal and business risks that arise from health, property liability contingencies. Theory, institutional relationships, and legal factors are emphasized.
Credits: 3
On Occasion

FIN 43 Real Estate Investments

The business of real estate with a particular focus on the New York Metropolitan and Long Island areas is the course focus. The theory and measurement of return and risk on real estate loans and equity investments, investment decision making and financing alternatives, techniques of real estate investment financing, evaluation of investment risk and credit quality on selected types of properties and loans will be investigated. Topics include: site selection, income properties, office buildings, shopping centers, industrial properties, condos and co-ops, leasing valuation and marketing. Classes will offer presentations by real estate professionals from the area.
Credits: 3
On Occasion

FIN 61 Advanced Financial Policies

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 quantifies 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.
Prerequisite of FIN 11 is required.
Credits: 3
Annually

FIN 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 therefore be placed on both financial theory and the U.S. institutional structure. The former will include the loanable funds theory, liquidity preference, the modern quantity theory of money, and theories of the term

structure of interest rates. The latter will include an examination of financial markets and financial institutions and their competitive strategies. Regulatory changes and both traditional and new financial instruments will also be evaluated. Discussion of the use of the Federal Reserve's flow of funds will be integrated into the course as will material from rating agencies and major financial firms. Current events will also be covered. Cross-listed with ECO 65.

Prerequisite of FIN 11 or permission of chair is required.

Credits: 3

Annually

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 multicurrency 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 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 91 Independent Research 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

Every Semester

FIN 92 Independent Research 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

Every Semester

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

Every Semester

FIN 95 Internships in Alternative Investments

Internships will be arranged through the Finance Department. These internships will be 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.

Credits: 3

On Occasion

SCHOOL OF COMPUTER SCIENCE, INNOVATION AND MANAGEMENT ENGINEERING

Phone: 516-299-2293

Fax: 516-299-3131

Chair: TBA (Direct inquiries to Office of the Dean)

Senior Professor: White

Professor: Dorchak

Associate Professors: Heim, Malinowski

Assistant Professor: Ponsford-Gullacci, Scovetta

Adjunct Faculty: 6

The Department of Computer Science and Management Engineering offers preparation for mainstay as well as growing technology fields such as network security, computer programming (including mobile and game), web development and information management. The department is a participant in the IBM Academic Initiative and as such prepares students for working in large scale systems environments as used in 98% of Fortune 500 companies.

The Department offers B.S. degrees in Computer Science. Information Systems, and Information Management and Technology programs will be folded into Computer Science going forward. Minors offered are: Computer Science, Computer Information Systems, Computers for Liberal Arts, Game Development, Information Management, Information Technology and Programming.

B.S. Computer Science

Few fields offer as many career options as computer science. Embedded systems, workstation 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 LIU Post Bachelor of Science in Computer Science is the gateway to a wide array of possibilities in graduate school or in rewarding careers.

The 120-credit B.S. in Computer Science provides students with the knowledge and technical skills necessary to design and develop software systems. 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.

PROGRAM GOALS

Graduates of the B.S. in Computer Science will:

- Understand the theoretical and practical foundations and real-world applications of

computer science

- Use a variety of programming languages and software development tools
- Function in a variety of cross-platform operating environments

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.
- Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. Computer Science

{Program Code: 06996}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Computer Science must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (satisfied in major)
Language/Literature	6 credits
Mathematics	3 - 4 credits (MTH 6 or 7)
Social Sciences	6 credits

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. (Typically this means 4 classes 3.00 credits each).

Required Co-Related Courses

MTH 7 and 8 is preferred mathematics sequence. Please consult with your academic advisor when choosing your mathematics courses.

One of the following:

MTH 6	Calculus for Business and Social Science	3.00
MTH 7	Calculus and Analytic Geometry I	4.00

One of the following:

MTH 5	Linear Mathematics for Business and Social Science	3.00
MTH 8	Calculus and Analytic Geometry II	4.00

One of the following sequences:

PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00
OR		
PHY 11	College Physics I	4.00
PHY 12	College Physics II	4.00

Major Requirements

Required Computer Science Courses (54 cr.)

Must receive a C or better in all courses to satisfy requirement

CS 106	Foundations of Web Design and Development	3.00
CS 111	Object Oriented Programming 1	3.00
CS 116	Object Oriented Programming 2 (Data Structures)	3.00
CS 127	Game Design	3.00
CS 133	Agile Analysis and Design	3.00
CS 136	Networks and IT	3.00
CS 229	Foundations of Information Systems	3.00
CS 231	Foundations of Database	3.00
CS 237	HCI and Usability	3.00
CS 241	Software Engineering	3.00
CS 245	Working in a Team Environment	3.00
CS 255	Technical Communications (WAC)	3.00
CS 261	Operating Systems & Computer Architecture	3.00
CS 263	Advanced Data Structures	3.00
IT 151	Foundations of Information Technology	3.00
IT 266	Legal, Social and Ethical Issues (WAC)	3.00
	Two (2) approved major electives	6.00

Note that IT 266 also counts toward liberal arts credit requirements

Credit and GPA Requirements

Minimum Total: 120 credits

Minimum Liberal Arts: 60 credits

Minimum Major: 54 credits

Minimum Major GPA: 2.00

Minimum Overall GPA: 2.00

B.S. Information Systems

The 120-credit Bachelor of Science degree program in Information Systems provides students with the educational background and practical

experience that will enable them to function effectively in one of the fastest growing fields in the world. The program provides students with the knowledge and technical skills necessary to serve the information needs of an organization.

As a student of information systems, you will study fascinating and relevant subjects such as human-computer interaction, web development, accessing database systems, developing for mobile platforms, and the fundamentals of networks. You will work in small class settings with experienced professors, mastering one of today's most important fields while earning a broad, liberal-arts based education and a credential that will open doors to study at the graduate level or rewarding employment.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Please note that the B.S. Information Systems will be folded into a single B.S. in Computer Science degree in the near future. For students interested in pursuing a dual / accelerated Information Systems program, the B.S. Information Systems will continue to be available solely for the purposes of the dual program.

B.S. Information Systems

{Program Code: 87502}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Information Systems must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits

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.

Required Co-Related Courses

MTH	5	Linear Mathematics for Business and Social Science	3.00
MTH	6	Calculus for Business and Social Science	3.00

Major Requirements

Required Computer Science and Information Systems Courses (54 credits)

Grade of C or better is required in all CS & IT courses

CS	101	Problem Solving	3.00
CS	106	Foundations of Web Design and Development	3.00
CS	111	Object Oriented Programming 1	3.00
CS	133	Agile Analysis and Design	3.00
CS	151	COBOL 1	3.00
CS	229	Foundations Of Information Systems	3.00
CS	231	Foundations of Database Systems and Environments	3.00
CS	125 or 261	or Computer Architecture and Operating Systems	3.00
CS	237	HCI and Useability	3.00
CS	241	Software Engineering	3.00
CS	245	Working in a Team Environment	3.00
CS	248	Web Development I	3.00
CS	255	Technical Communications	3.00
CS	266	Web Development 2	3.00
IT	151	Foundations of Information Technology	3.00
IT	266	Policy, Legal and Ethical Issues in Information Technology	3.00
		Two (2) approved major electives	6.00

Note that IT 266 also counts toward liberal arts credit requirements

Credit and GPA Requirements

Minimum Total:	120
Minimum Liberal Arts:	60 credits
Minimum Major:	57 credits
Minimum Major GPA:	2.00
Minimum Overall GPA:	2.00

B.S. Information Management & Technology

In the Information Age, successfully storing, retrieving and using data is of paramount

importance in every aspect of our lives. Business, health care, security, education, the environment – all of these fields and many more rely on the ability to preserve and deploy knowledge. LIU Post's Bachelor of Science program in Information Management and Technology prepares graduates to function in an information-driven, high-technology environment.

The 120-credit program includes coursework on legal and ethical issues in information technology, the role of information in society and advanced information access and retrieval. Knowledge of the services and technologies that facilitate the management and use of information by individuals and organizations are the backbone of the program. The B.S. in Information Management and Technology will give you a wide array of career choices and provides an excellent foundation for further study at the master's or doctoral levels.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Please note that the B.S. Information Management & Technology will be folded into a single B.S. in Computer Science degree in the near future.

B.S. Information Management & Technology

{Program Code: 20238}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S. in Information Management and Technology must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

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

Grade of C or better is required in all CS & IT courses

Required Computer Science and Information Transfer Courses

CS	101	Problem Solving	3.00
CS	106	Foundations of Web Design and Development	3.00
CS	125	Systems and Environments	3.00
CS	133	Agile Analysis and Design	3.00
CS	229	Foundations of Information Systems	3.00
CS	231	Foundations of Database	3.00
IT	281 or 289	Project or Internship	3.00
CS	237	HCI and Usability	3.00
IT	151	Foundations of Information Technology	3.00
IT	245	Working in a Team Environment	3.00
CS	255	Technical Communications	3.00
IT	266	Legal, Social and Ethical Issues	3.00

Note that IT 266 also counts toward Liberal Arts credit requirements

Three (3) approved major electives

Five (5) approved area of concentration courses (15 credits)

The area of concentration and the appropriateness of courses used to fulfill it must be approved by the department chair. Such areas might include technology areas such as computer forensics, technology security, or network administration; or other areas such as business, English, foreign language, or media arts.

Credit and GPA Requirements

- Minimum Total: 120 credits
- Minimum Liberal Arts: 60 credits
- Minimum Major: 60 credits
- Minimum Major GPA: 2.00
- Minimum Overall GPA: 2.00

DUAL DEGREE PROGRAMS

B.S. / M.S. Information Systems

A degree in information systems is a valuable credential. It signifies mastery of the fundamentals of the integration of technology, people and strategy – knowledge that is prized by every organization and business. The 150-credit LIU Post Bachelor of Science and Master of Science in

Information Systems will enable you to earn both a bachelor’s degree and a master’s degree in this thriving field in just five years, a significant saving of time and money over the traditional approach of pursuing the two degrees separately.

Graduates of this program possess the knowledge and skills to develop and manage sophisticated information systems, as well as managing the people and processes involved in systems development. At the heart of the degree is the integration of technology into the business process, including the technical foundations of information systems and the skills required to manage resources and to lead people. Throughout the program, courses are taught in a way that will enable you to learn to integrate all components of information system technology (hardware and software), people and business strategy into an efficient and effective resource that helps an organization fulfill its unique mission within the economy and society.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. / M.S. Information Systems (ISY)

{Program Code: 31609}

Core Curriculum Requirements

In addition to all major requirements, students pursuing the B.S./M.S. in Information Systems must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 credits (MTH 5)
Social Sciences	6 credits

Required Undergraduate Co-Related Courses

MTH 5	Linear Mathematics for Business and Social Science	3.00
MTH 6	Calculus for Business and Social Science	3.00

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, a requirement for the major, also counts toward liberal arts credit requirements.

Entry and Academic Requirements

Students intending to enroll in the dual ISY program must apply to the department by the end of the spring semester of their junior year. The entrance requirements for this program are:

- Overall Undergraduate GPA of 3.0
- Major GPA of 3.25

Students must achieve a grade of B or better in each graduate course taken in senior year in order to continue in the program. This will be monitored at the conclusion of each semester.

Students who do not complete the entire program or who do not meet minimum standards in their graduate work may choose to apply appropriate graduate credits toward the bachelor’s degree; they must then reapply for admission to the graduate program.

Major Requirements

Required Undergraduate Computer Science & Information Systems Courses

CS	106	Foundations of Web Design and Development	3.00
CS	111	Object Oriented Programming 1	3.00
CS	125	Systems and Environments	3.00
CS	136	Networks and IT	3.00
CS	229	Foundations of Information Systems	3.00
CS	231	Database Development	3.00
CS	232	Advanced DB Programming using SQL	3.00
CS	245	Working in a Team Environment	3.00
CS	248	Web Development I	3.00
CS	250	Foundations of Mobile Development	3.00
CS	283	Approved Topics	3.00
IT	151	Foundations of Information Technology	3.00
IT	266	Legal, Social and Ethical Issues (WAC)	3.00
		Approved CS Elective	3.00

Required Senior Year Graduate Information Systems Courses (Fall), Take two of the following:

CS	554	Information Systems Development	3.00
or			
CS	600	Database Design	3.00

AND			
CS	622	Management and Economics of Information Systems	3.00
or			
CS	634	Computer Networks and Information Systems	3.00
Required Senior Year Graduate Information Systems Courses (Spring), Take two of the following:			
CS	540	Database Fundamentals	3.00
or			
CS	624	Communicating and Documenting Information Systems	3.00
AND			
CS	650	Human Computer Interaction	3.00
or			
CS	710	Information Systems Project Mangement	3.00
Required Fifth Year Graduate Information Systems Courses (Fall), Take two of the following plus two approved electives:			
CS	554	Information Systems Development	3.00
or			
CS	600	Database Design	3.00
AND			
CS	622	Management and Economics of Information Systems	3.00
or			
CS	634	Computer Networks and Information Systems	3.00
AND		Two (2) dept approved required electives	6.00
Required Fifth Year Graduate Information Systems Courses (Spring), Take two of the following plus two approved electives:			
CS	540	database Fundamentals	3.00
or			
CS	624	Communicating and Documenting Information Systems	3.00
AND			
CS	650	Human Computer Interaction	3.00
or			
CS	710	Information Systems Project Management	3.00
AND		Two (2) dept approved required electives	6.00
Electives:			

Courses that are not being used to satisfy major or core requirements will count as electives.

Credit and GPA Requirements

Minimum Total: 150 credits
 Minimum Liberal Arts: 60 credits
 Minimum Undergraduate Major: 54 credits
 Minimum Graduate Major: 36 credits
 Minimum Major GPA: 3.25
 Minimum Overall Undergraduate GPA: 3.00

MINORS

Minor in Computer Information Systems

Undergraduate students who are pursuing a major in another subject area can apply elective courses (18 credits) toward a minor in Information Systems. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Contact your academic and career counselor about further requirements and additional information.

Minor in Computer Information Systems

Required Computer Information Systems Courses

CS	101	Problem Solving	3.00
CS	106	Foundations of Web Design and Development	3.00
CS	133	Analysis & Logical Design	3.00
CS	136	Networks and Information Technology	3.00
CS	229	Foundations Of Information Systems	3.00
CS	231	Foundations of Database	3.00

Credit and GPA Requirements

Minimum Total Credits: 18 credits
 Minimum Minor GPA: 2.25

Minor in Computer Science

Undergraduate students who are pursuing a major in another subject area can apply elective courses (18 credits) toward a minor in Computer Science. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Contact your academic and career counselor about further requirements and additional information.

Minor in Computer Science

Requirements

Required Computer Science Courses

CS	101	Problem Solving	3.00
CS	106	Foundations of Web Design and Development	3.00
CS	111	Object Oriented Programming I	3.00
CS	116	Object Oriented Programming II (Data Structures)	3.00
CS	127	Introduction to Game Design	3.00
CS	263	Game Programming 1	3.00

Credit and GPA Requirements

Minimum Total: 18 Credits
 Minimum GPA: 2.25

Minor in Computers for the Liberal Arts

Undergraduate students who are pursuing a major in another subject area can apply elective courses (18 credits) toward a minor in Computers for the Liberal Arts. A minor adds value to your degree and a competitive edge in the job market by providing you with additional skills and enhanced knowledge in another field of study.

Contact your academic and career counselor about further requirements and additional information.

Minor in Computers for Liberal Arts

Required Computers for Liberal Arts Courses

CLA	6	Computer Literacy	3.00
OR			
IT	151	Foundations of Information Technology	3.00

AND

CLA	11	Computer Technology	3.00
CLA	13	Computer Problem Solving	3.00
CLA	25	Internet Fundamentals	3.00
CLA	29	Structuring & Managing Data	3.00
		1 dept. approved CS/IT/TEL elective	3.00

Credit and GPA Requirements

Minimum Total: 18 Credits
 Minimum GPA: 2.25

Minor in Game Development

Games are developed by teams of people. The bottom line is that someone has to take the design specifications and translate them into executable computer instructions. A decent knowledge of programming is required, as well as the understanding of how to apply it using a game engine. This series of courses will provide a student with programming essentials (including data structures) as well as applying those skills in a production capable game engine, building 2D or 3D games of basic to intermediate complexity.

Minor in Game Development Requirements

Required Computer Science Courses

CS	101	Problem Solving	3.00
CS	111	Object Oriented Programming I	3.00
CS	116	Object Oriented Programming II (Data Structures)	3.00
CS	127	Game Design	3.00
CS	263	Advanced Data Structures	3.00
CS	271	Advanced Game Programming	3.00

Credit and GPA Requirements

Minimum Total Credits: 18 Credits
 Minimum GPA: 2.25

Minor in Information Management

This minor is a subset of our Information Management Technology undergraduate program and is designed to provide students with an introduction to how data is organized (stored and retrieved) for use by an organization. Students would be better prepared to work with technicians or venture into organizational roles requiring familiarity with underlying technology and the flow of data in a given organization.

Minor in Information Management Requirements

Required Computer Science Courses

CS	101	Problem Solving	3.00
CS	133	Agile Analysis and Design	3.00
CS	231	Foundations of Database	3.00
CS	233	Operating Systems	3.00
IT	264	Enterprise Records Management	3.00
IT	279	Information Access & Retrieval	3.00

Credit and GPA Requirements

Minimum Total Credits: 18 Credits
 Minimum GPA: 2.25

Minor in Information Technology

The ever-present nature of technology in the modern workplace requires students to be “technology aware or capable”. The foundation courses in this minor are intended to give a student an awareness of technology, and are also a subset of our Information Management Technology major. While the courses are foundational in nature, they cover a breadth of technology in today’s industry and may assist students in being “corporate tech savvy” when compared to their competition.

Minor in Information Technology Requirements

Required Computer Science Courses

CS	101	Problem Solving	3.00
CS	133	Agile Analysis and Design	3.00
CS	136	Networks and Information Technology	3.00
CS	231	Foundations of Database	3.00
CS	261	Operating Systems and Computer Architecture	3.00
IT	151	Foundations of Information Technology	3.00

Credit and GPA Requirements

Minimum Total Credits: 18 Credits
 Minimum GPA: 2.25

Minor in Programming

Undergraduate students interested in learning the basics of programming will take a series of courses introducing them to programming for PCs, the basics of developing for Web programs, and enterprise COBOL in an IBM z/OS system. Along with exposure to different styles of programming, students will learn about data structures that are used in programming to manipulate data, and the considerations of structures on the efficiency of programs.

Minor in Programming Requirements

Required Computer Science Courses

CS	101	Problem Solving	3.00
CS	111	Object Orientated Programming I	3.00

CS	116	Object Orientated Programming II (Data Structures)	3.00
CS	151	Enterprise COBOL	3.00
CS	248	Web Development I	3.00
CS	263	Advanced Data Structures	3.00

Credit and GPA Requirements

Minimum Total Credits: 18 Credits
 Minimum GPA: 2.25

B.S. in Fashion Merchandising

Fashion merchandisers work in fashion, beauty, textile, accessory, and retail organizations from the local region to the international marketplace. The major 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 omni-channel 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.

With professionally-oriented coursework that covers sustainable practices, sourcing/supply chain management, pricing, digital marketing, social media, allocations, visual merchandising, special events, textile fundamentals, legal aspects, branding, licensing and export/import regulations, this major provides a solid grounding in the business of fashion merchandising, its practices and its management. This includes how to target audiences as well as identify and forecast trends in the industry. Nearby premiere luxury shopping destination partners and New York City's fashion hub offerings and museums provide exciting opportunities for students to visit and test their interests first-hand in the industry through internships, experiential projects, and partnerships.

ADMISSION REQUIREMENTS

Incoming freshmen must have a solid B average (3.0 grade point average or 82 to 85) and an average SAT of 1000 (Math & Critical Reading combined) or ACT Composite of 20 or above.

Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Fashion Merchandising

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Fashion Merchandising must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits (excluding all ART courses)
History/Philosophy	6 credits
Laboratory Science	8 credits (may be satisfied in major)

Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits (may be satisfied in major)

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

BS in Fashion Merchandising

Major Requirements

All courses required from the following:

FM	10	Introduction to the Fashion Industry	3.00
FM	12	The Business of Fashion Merchandising	3.00
FM	14	Math for Merchandising	3.00
FM	20	Buying for the Fashion Industry	3.00
FM	24	Fashion Trend Forecasting	3.00
FM	26	Importing and Exporting	3.00
FM	30	Advertising and Promotion in the Fashion Industry	3.00
FM	40	Fundamentals of Textiles	3.00
FM	50	Visual Merchandising and Display	3.00
FM	60	Fashion Law	3.00
FM	92	Capstone	4.00

Choose one of the following:

FM	36	Digital Marketing Tools	3.00
FM	38	Social Media Tools	3.00

Take both of the following:

MKT	11	Marketing Principles and Practices	3.00
MKT	14	Consumer Motivation and Behavior	3.00

Elective Fashion Merchandising Courses

Choose one from the following:

FM	32	Fashion Media	3.00
FM	34	Special Events	3.00
FM	36	Digital Marketing Tools	3.00
FM	38	Social Media Tools	3.00
FM	56	Branding	3.00
FM	70	Fashion Entrepreneurship	3.00
FM	72	The Fashion Stylist	3.00
FM	87	Fashion Merchandising Internship I	3.00
FM	88	Fashion Merchandising Internship II	3.00
THE	149	History of Style	3.00

Liberal Arts and Free Electives: 14 credits that

are not being used to satisfy major or core requirements.

Credit and GPA Requirements

Minimum Total Credits:	120
Minimum Liberal Arts Credits:	60
Minimum Major Credits:	46
Electives:	14
Minimum Overall GPA:	2.00
Minimum Major GPA:	2.00

MINORS

Minor in Fashion Merchandising

Undergraduate students who are pursuing a major in another subject area may apply specific courses (18 credits) toward a minor in fashion merchandising. A minor adds value to your degree and a competitive edge in the job market.

Contact your academic and career counselor about further requirements and additional information.

Minor in Fashion Merchandising

Required Fashion Merchandising

Courses:

FM	10	Introduction to the Fashion Industry	3.00
FM	12	The Business of Fashion Merchandising	3.00
FM	14	Math for Merchandising	3.00
FM	40	Fundamentals of Textiles	3.00

Choose two of the following:

FM	20	Buying for the Fashion Industry	3.00
FM	30	Advertising and Promotion	3.00
FM	50	Visual Merchandising and Display	3.00
FM	87	Fashion Internship I	3.00

Credit and GPA Requirements

Minimum Total Credits:	18
Minimum Minor GPA:	2.75

Computer Science, Innovation, and Management Engineering Courses

CLA 6 Computer Literacy

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. For non-majors Laboratory fee.

The pre-requisite of non-major status is required.

Credits: 3

Every Semester

CLA 11 Computer Technology

This is a survey of technical topics relating to computer systems and computer environments. For non-majors Laboratory fee.

The pre-requisite of CS 101 or CLA 6 and non-major status is required.

Credits: 3

Every Fall

CLA 13 Computer Problem Solving

This course covers the use of spreadsheets and Visual Basic to solve practical problems. It is an introduction to elementary programming concepts and visual programming environments. This course has an additional fee.

The pre-requisite CLA 6 and non-major status is required.

Credits: 3

Every Fall

CLA 15 Organizing and Presenting Information

This course covers desktop publishing and presentation graphics to integrate information provided by application packages such as word processing packages, spreadsheets and database management systems. Topics include the principles and techniques of typesetting, design, page layout and slide show production. Not for major credit.

The pre-requisite CLA 6 and non-major status is required.

Credits: 3

On Occasion

CLA 25 Internet Fundamentals

This course covers the technologies underlying the Internet. Topics include: creation of web pages, linking of web pages into a web site, inclusion of graphics, web-based form design, internet communication protocols, internet basic services, and markup languages.

The pre-requisite CLA 6 and non-major status is required.

Credits: 3

Every Spring

CLA 29 Structuring & Managing Data

This course covers the design and use of practical

databases. Fundamental definitions, data modeling, graphical form design, user interaction, queries and reports are examined along with the role of databases in contemporary application systems.

The pre-requisite of CS 101 or CLA 6 and non-major status is required.

Credits: 3

Every Spring

CLA 31 Elements Of Systems Analysis

This course covers the stages in the information system life cycle and the role of information systems in the workplace. Topics include: information system planning, including analysis of system requirements; formulation of requirements into recommendations; development of a framework for evaluating system alternatives, both hardware and software, that implement these recommendations; and methodologies for system design. For non-majors.

The prerequisite of 9 units of CLA courses is required.

Credits: 3

Every Fall

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 56 Computers, Technology, and Society

This course links computers, automation, engineering, and technology, historical development and its effects on science, industry, labor, government, and the public. This course cannot be used for science core credit. May not be taken for major credit by majors or minors.

Same course as SOC 56

Credits: 3

On Occasion

CS 101 Problem Solving

This course is an introduction to problem solving and computer programming with practical exercises.

Laboratory fee

Credits: 3

Every Fall and Spring

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.

Laboratory fee

Credits: 3

Every Fall and Spring

CS 111 Object Oriented Programming II

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. Discipline dependent projects will be assigned.

This course has an additional fee.

A pre requisite or co requisite of CS 133 is required.

Credits: 3

Every Spring

CS 116 Object Orientated Programming II (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.

Prerequisite of CS 111 is required or by permission.

Credits: 3

Every Spring

CS 125 Systems And Environments

This course presents a survey of computer systems and environments. Topics include: comparative operating systems, computer architectures and organization, and an overview of hardware and peripherals.

Prerequisite of IT 151 or CLA 6 is required.

Credits: 3

On Occasion

CS 127 Introduction to Game Design

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.

Prerequisite of CS 111 is required or by permission.

Credits: 3

Every Spring

CS 133 Agile Analysis and Design

This course examines the system development and modification process. It covers structured and object-oriented analysis and design, and agile methodologies. These include the use of modeling tools, adherence to methodological life cycle and project management standards. The course emphasizes the factors for effective communication and integration with users and user systems.

Stakeholder management encourages inter-personal skill development in this course.

Credits: 3

Every Fall and Spring

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.

Prerequisite of IT 151 is required.

Credits: 3

Every Spring

CS 151 Enterprise COBOL

This course covers data processing techniques using the COBOL language. It examines the data processing environment; sequential, random and direct access methods; file I/O and introduces related data structures in an applications environment.

Prerequisite of CS 111 is required or by permission.

Credits: 3

On Occasion

CS 153 System Software - C Language

System software implementation using C language. Topics include: functional decomposition, separate implementation code compilation, static and dynamic data structures, input/output, preprocessor facilities and the C Library.

Prerequisite CS 116 is required.

Credits: 3

On Occasion

CS 214 Computer Architecture

This course is a study of hardware and software concepts and their interrelationships. Topics include: storage codes and conversions, principals of digital logic, machine language programming, assembly language programming, storage of data, memory and registers, microcode, instruction set architecture, addressing schemes, indirect addressing, indexing, stacks, subprograms and subprogram linkage, I/O. Other topics are access to operating system facilities, calling assembly language routines from high-level languages.

Prerequisite CS 116 is required.

Credits: 3

On Occasion

CS 229 Foundations of Information Systems

This course covers the relationship of information systems (IS) to an organization. Topics include: types of information systems, decision support, IS strategies, and quality concerns for both product and process.

Cannot be taken for major credit by Computer Science majors

Credits: 3

Every Spring

CS 231 Foundations of Database

This course examines various aspects of database design, implementation and administration.

Students will be exposed to a survey of database theory and practice and will apply these concepts to various information needs problems. Topics include entity-relationship modeling; relational database design; information retrieval; backup and recovery; and security and authorization.

A pre-req of CS 229 is required or by permission

Credits: 3

Every Spring

CS 232 Advanced Database Programming using SQL

This course covers key technologies required to construct reliable and usable information systems such as advanced Entity-Relationship modeling; interactive, embedded and dynamic SQL; client-server system design for relational databases; advanced features of SQL; physical and logical query optimization; SQL solutions to common business problems.

Prerequisite CS 231 is required.

Credits: 3

On Occasion

CS 233 Operating Systems

This course covers fundamental operating systems concepts and theory including: 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.

Prerequisite of IT 151 is required.

Credits: 3

On Occasion

CS 234 Windows Desktop Development

This course reviews object oriented concepts.

Topics include: the Windows operating environment, foundation classes, graphical user interfaces, and applications to specific problem types.

A pre requisite of CS 106 and CS 111 are required.

Credits: 3

On Occasion

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.

Prerequisite of CS 111 is required or by permission.

Credits: 3

Every Spring

CS 241 Software Systems Engineering

This course will examine the theories and principles of software engineering and apply them to a discipline specific problem. Topics include systems analysis and systems thinking, writing requirements, different modeling paradigms, and software quality.

Pre requisite or Co Requisite of CS 263 is required

Credits: 3

Every Fall

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 for communicating; tools for project management; metrics for benchmarking and continuous improvement; and the demands of various quality standards. The role of the information specialist in striving for world-class quality is emphasized.

Experiential learning through team projects occurs in a laboratory setting. Same as IT 245.

Pre requisite of senior status is required

Credits: 3

Every Spring

CS 246 Computer Security

This course explores security relating to systems and applications software, network operating systems, topology, and hardware. Discussions will range from physical security of systems and networks to ethical issues.

Prerequisites of (CS 125 or CS 233 or CS 261) & CS 136 are required.

Credits: 3

On Occasion

CS 248 Web Development I

This course covers web site architecture and page design. Topics include: markup languages, scripting languages, style sheets, forms, and cross platform development. Discipline dependent projects will be assigned.

Prerequisite of CS 111 is required or by permission.

Credits: 3

Every Fall

CS 250 Foundations of Mobile Development

The purpose of the course is to instruct students about mobile computing appropriate to web-enabled e-commerce 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 CS 248 is required.

Credits: 3
On Occasion

CS 251 Programming Languages

Conceptual foundations for high-level programming language design and implementation are discussed. Topics such as scope and binding, memory allocation, parameter passing and data abstraction are discussed. The course will also introduce students to three or four languages emphasizing the application of major topics of discussion.

Prerequisite of CS 111 is required or by permission.

Credits: 3
On Occasion

CS 252 Compiler Theory & Design

This course includes: structure of compilers; 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 254 Artificial Intelligence and Games

This course examines the definition of heuristic versus algorithmic methods. Emphasis will be on the theories and principles that guide the development of computer-simulated opponents utilizing decision-support and rule-based methods. Topics include: types of AI in games, theories of algorithms concerning 2D and 3D movement, predicative physics, and decision-making processes. Board game (e.g. chess) theory will be applied to the development of semester projects.

Prerequisite CS 116 is required.

Credits: 3
On Occasion

CS 255 Technical Communication: Systems and Software Documentation

This course focuses on oral and written communication practices covering the entire system development life cycle, including data, process, and user perspectives. Students will apply miscommunication analysis to various oral and written assignments, including system requirements, analysis and design documents, code documentation and on-line and printed user support. Same as IT 255.

Pre-requisites of ENG 2, CS 106 and CS 133 are required.

Credits: 3
Every Fall and Spring

CS 256 Systems Performance Analysis

This course provides an introduction to queuing theory via performance evaluation. Topics include: probability theory, Markov processes, properties of Poisson processes, birth and death process models,

analysis of transient and steady state behavior, and estimation of system parameters and validation.

Prerequisite CS 116 is required.

Credits: 3
On Occasion

CS 257 Computer Graphics

This course provides the student with knowledge of the basic principals employed in the design of graphic systems and the ability to create algorithms for displaying and manipulating graphics primitives. Two and three dimensional transformations, windows and viewports, segments and animation, curves and surfaces, color and interactive graphics are covered. If time permits, some special topics such as fractal geometry and raytracing will be introduced.

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.

Prerequisite of IT 151 is required.

Credits: 3
Every Spring

CS 263 Advanced Data Structures

Advanced Data Structures such as Trees, Heaps, and Graphs are used in the development applications.

A pre requisite of CS 116 and CS 127 are required.

Credits: 3
Every Fall

CS 264 Enterprise Resource Planning

This course centers on enterprise resource planning systems. Topics include enterprise data integration, inventory and control, protection of vital and legal records, and business process best practices.

Same as IT 264

Prerequisite of CS 231 or IT 172 is required.

Credits: 3
Every Spring

CS 265 Interfacing with Legacy Applications

This course covers the development of an interface for legacy programs originally developed for a mainframe environment. Students will be introduced to an appropriate legacy programming language and will use that knowledge to build a GUI front end to the program.

A pre requisite of CS 151, CS 232 and CS 248 are required.

Credits: 3
On Occasion

CS 266 Web Development 2

This course covers the programming environments that enable e-commerce and enterprise transactions. The course will emphasize: web services and interoperability.

A pre requisite CS 248 is required.

Credits: 3
Every Spring

CS 267 Scientific Foundations for Games

This course applies physical and mathematical properties to the programming of graphical game environments.

Prerequisite of CS 127 and CS 263 and (PHY 3 or PHY 11) is required.

Credits: 3
On Occasion

CS 271 Advanced Game Programming

Students will develop game projects of intermediate complexity and incorporate elements of AI as well as more advanced data structures (such as graphs) in creating a game solution in either 2D or 3D space. AI elements will include pathfinding, flocking, swarming, following, avoidance, finding the shortest path (Dijkstra method and A*), and steering (among others). Projects will include individual projects as well as team projects over the course of the semester.

Prerequisite of CS 263 is required.

Credits: 3
Every Spring

CS 275 Network Coding

This course examines the basics of systems style coding as it pertains to networking. Examination of programming sockets in C/C++ and the modification of standard tools for open "homegrown" solutions will be presented.

Prerequisites of CS 136 and 116 are required.

Credits: 3
On Occasion

CS 276 Forensic Coding

This course discusses the basics of forensic coding. Students will emulate capabilities of existing software suites, and will deal with those system structures required to uncover and display system states or a file system.

Prerequisites of CS 116 and (CS 261 or CS 233) 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: 1 to 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

CS 289 Internship

This course is a combination of classroom instruction (1 credit) and field work (2 credits) in which students select an environment and analyze an information transfer function within that organization. Students are placed in the field through the Cooperative Education Office for at least 90 hours during a semester and are supervised by a faculty member.

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

IT 151 Foundations of Information Technology

This course provides a survey of technical topics related to information technology. Topics include the fundamentals of computer systems, operating environments, current and emerging technologies, and information technology in the workplace.

Credits: 3

Every Fall and Spring

IT 162 Multimedia Information Management

This course examines the tools and methods of creating, processing, storing, organization and accessing non-text based information; e.g. visual and audio formats.

Prerequisite of IT 151 is required.

Credits: 3

On Occasion

IT 172 Database Design & Use

This course examines the design and practical use of databases for the purpose of managing, accessing, and retrieving information. Emphasis is on the development of databases that address the information needs of its users.

Prerequisite of CS 101 is required.

Credits: 3

On Occasion

IT 227 Information Technology and Society

This course discusses the impact of information technology on various aspects of society. Topics include: the uses and flow of information in society at large; the affect of IT on decision-making; and social media and its impact.

Prerequisite of IT 151 or CLA 6 is required.

Credits: 3

On Occasion

IT 233 Knowledge Management

Knowledge Management involves capturing, organizing, locating, evaluating, disseminating, and storing knowledge. This course will explore the technology that supports the information flow within a group or institution and the methods and procedures involved in the implementation of a knowledge management system. It will cover documented knowledge management case studies. Students will develop a prototype knowledge management system.

Prerequisite of IT 172 or CS 231 or CLA 29 is required.

Credits: 3

On Occasion

IT 242 Design Problem

This course covers the framework for evaluating system alternatives, both hardware and software. Implementation of these recommendations is examined along with methodologies for system design. Software design and implementation of systems will also be discussed. (Formerly ITR 11)

Prerequisites of CS 133 and senior status are required.

Credits: 3

On Occasion

IT 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 for communicating; tools for project management; metrics for benchmarking and continuous improvement; and the demands of various quality standards. The role of the information specialist in striving for world-class quality is emphasized. Experiential learning through team projects occurs in a laboratory setting. (Same as CS 245).

Pre requisite of senior status is required

Credits: 3

Every Spring

IT 255 Technical Communication for Information Technology

This course focuses on oral and written communication practices covering the entire system development life cycle, including data, process, and user perspectives. Students will apply miscommunication analysis to various oral and written assignments, including system requirements, analysis and design documents, code documentation and on-line and printed user support.

(Same as CS 255)

Pre-requisites of ENG 2, CS 106 and CS 133 are required.

Credits: 3

Every Fall and Spring

IT 257 User Support and Services

This course will cover interview techniques, verbal information gathering, help-desk software, help-desk management and design.

Prerequisites of (IT 151 & CS 261) or (CS 233 & CS 136) are required.

Credits: 3

On Occasion

IT 262 Information Visualization

This course provides a survey in the methods of visualizing information. Students will study the various ways in which information can be presented in static and dynamic media, such as charts, diagrams, illustrations, animations, video, and web site design.

(Formerly ITR 13)

Prerequisite of CS 106 is required.

Credits: 3

Every Fall

IT 264 Enterprise Records Management

This course centers on the organization and management of an enterprise's information. Topics include data integration using enterprise resource planning systems, inventory and control, and protection of vital and legal records. (Same as CS 264)

Prerequisite of IT 172 or CS 231 or CLA 29 is required.

Credits: 3

Every Spring

IT 266 Legal, Social and Ethical Issues

This course covers current and emerging issues 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.

Prerequisite of IT 151 is required.

Credits: 3

Every Fall and Spring

IT 279 Information Access & Retrieval

This course covers access and retrieval of information from private and public databases. Topics include the creation of database queries using SQL, QBF, and QBE.

Prerequisite of IT 172 or CS 231 or CLA 29 is required.

Credits: 3

On Occasion

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

This course is a combination of classroom instruction and field work. Students are placed in the field through the Office of Professional Experience and Career Planning 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 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

TEL 100 Introduction to Network Security

This course provides the fundamentals of security related concepts particular to networks, and examines vulnerabilities of networked systems.

A pre-requisite of CS 136 and TEL 120 is required, or by permission

Credits: 3

Alternate Fall

TEL 120 Fundamentals of Network Administration

This course examines the role and functions of a network administrator within a networked environment. Topics include: installation and administration of services on both Windows and Linux platforms; tools and techniques used by administrators in performing routine tasks, and the processing of "bulk data" using standard office suite tools and manipulation of data.

Prerequisite of CS 136 is required or by permission.

Credits: 3

Alternate Spring

TEL 211 Intro to Computer Forensics and Incident Response

This course discusses the basics of computer forensics as a discipline, and the background of the discipline from a technical, ethical, and legal perspective. Basic data recovery and a demonstration of analysis will provide the student with an appreciation of the specialist's role in responding to security and disaster related incidents.

Prerequisite of IT 151 is required.

Credits: 3

On Occasion

TEL 213 Introduction to Network Forensics and Incident Response

This course deals with responding to network-based incidents. "Live system" forensics and the analysis of data will be discussed, as well as the sourcing of pertinent data. A scripting language, such as Perl or

Python will be introduced and utilized in the processing of data. Students are expected to be familiar with the basics of networks, and manipulating data using popular spreadsheet or database software applications.

Prerequisite of TEL 100 is required.

Credits: 3

On Occasion

TEL 221 Intermediate Computer Forensics

This course focuses on the analysis of seized media as well as data recovery. Issues such as the registry analysis and data carving are presented. Students are required to recover data from a "challenge" disk. A prime consideration will be on reporting on the results of these efforts.

Prerequisite of TEL 211 is required.

Credits: 3

On Occasion

TEL 223 Intermediate Network Administration

This course discusses the configuration of Windows and Linux servers. Students will set up and administer IIS servers, including services such as WWW and FTP. Linux setups will include the installation of an Apache web server. Support for web services, such as Perl / PHP, will be demonstrated. SNMP, DNS, and DHCP will be covered. Routing support for a networked environment will be discussed, as well as monitoring of network statistics.

Prerequisite of TEL 120 is required.

Credits: 3

On Occasion

TEL 283 Special Topics in Technology Security and Forensics

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.

Credits: 3

On Occasion

Fashion Merchandising Courses

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

On Occasion

FM 12 The Business of Fashion Merchandising

As an introduction to fashion merchandising, this course covers the business side of the fashion industry. It provides students with realistic information about the evolving landscape of the retailing and apparel merchandise industries. Whether working for a fashion brand, starting a business in fashion, or moving up in a retail or fashion enterprise, this course investigates career roles and their impacts. It provides insight on how the industry is organized, how textile, apparel, accessories and home fashion companies operate, and how they are affected by changing technology and globalization.

Credits: 3

On Occasion

FM 14 Math for Merchandising

This course develops the mathematical 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, calculations, and interpretations of figures that relate to producing profitable buying and selling operations. At the same time, this course uses real world examples that reflect current industry practices and trends, so students are prepared for merchandising careers.

Credits: 3

On Occasion

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. 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.

A pre requisite of FM 10, FM 12, and FM 14 is required.

Credits: 3

On Occasion

FM 24 Fashion Trend Forecasting

Fashion trend analysis and forecasting is vital to product and brand development. This course

explores the roles of how fashion consumption impacts the environment and economic development. It looks at how socio-cultural changes, social responsibility and the digital consumer affect fashion trends. Through trend analysis and forecasting, students gain an understanding of how consumers and industry serve as product developers, gatekeepers and promoters of fashion.

A pre requisite of FM 10, FM 12, and FM 14 is required.

Credits: 3

On Occasion

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, FM 12, and FM 14 is required.

Credits: 3

On Occasion

FM 30 Advertising and Promotion in the Fashion Industry

This course introduces the various principles and methods of advertising and promotion used by producers, manufacturers, designers, and retailers in the fashion industry. Students will analyze how marketing objectives and strategies influence advertising and other forms of promotion.

A pre requisite of FM 10 and FM 12 is required.

Credits: 3

On Occasion

FM 32 Fashion Media

This course examines media from a historical perspective to today's changing landscape. From fashion plates and films to fashion magazines and blogs, this course covers the role of media from their power, importance and relevance for the fashion houses and brands. Fashion media also will be explored for themes of gender, ethnicity, design, taste, and more. Students will follow the various media of Fashion Weeks in New York, Milan and Paris, compare coverage and comments. Use of interactive and digital media by the fashion brands also will be covered.

A pre requisite of FM 30 is required.

Credits: 3

On Occasion

FM 34 Special Events

Students will learn about a variety of special events and how to organize and manage them.

Additionally, they will learn about special events

history, rationale, goals and strategies, as well as the value of special events in a public relations strategy. The types of events to be discussed include fashion shows, tours of business facilities, conferences, openings, employee and customer recognition initiatives, product and services launches, community relations, sports promotions, fundraisers, galas, anniversary celebrations, and entertainment premieres.

A pre requisite of FM 30 is required.

Credits: 3

On Occasion

FM 36 Digital Marketing Tools

Though the study and practice of real online scenarios, students learn how online businesses apply strategic online tactics to increase revenue, drive traffic and provide respective consumers with a service or information. This course provides an understanding of the internet and online business, as well as a wide variety of internet operations, such as search engine optimization, search engine marketing, email marketing, customer relationship management, promotions, viral marketing, networking and other innovative strategies.

A pre requisite of FM 30 is required.

Credits: 3

On Occasion

FM 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.

A pre requisite of FM 30 is required.

Credits: 3

On Occasion

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.

Credits: 3

On Occasion

FM 50 Visual Merchandising and Display

This course serves as a "how to" for creating a visual

look and feel for a brand and optimizing images. It provides students with methods and techniques to present products at their best: color-coordinated, accessorized, and self-explanatory. Examples from around the world demonstrate how retailers can reach their target markets by adding interest to window, interior and product displays. This course also discusses sustainability, offering tips for "green" presentation.

A pre requisite of FM 10 and FM 12 is required.

Credits: 3

On Occasion

FM 56 Branding

Students explore how brands create a name for themselves in a marketplace that is national or global to stand out from the competition. At the same time, students look at how little brands became big ones and how they stay big, whether they are Disney, Starbucks, Coke, Oprah, Martha, J-LO or even The Donald. This course looks at what defines a brand, implementation strategies, differentiation between brands, media adopted and measurements of effectiveness.

A pre requisite of FM 30 is required.

Credits: 3

On Occasion

FM 60 Fashion Law

From fashion start-ups 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 start-ups, 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.

Credits: 3

On Occasion

FM 70 Fashion Entrepreneurship

Starting a business is a daunting task whether individuals want to open their own stores, sell their own products or establish their own brands. This course focuses on the ready-to-wear process so students can identify market opportunities and execute a business plan in a competitive retail environment. It examines how products are planned and developed. From the perspectives of consumers, manufacturers and retailers in a global context, students will look at the requirements and relationships needed to develop a plan, build a business, launch a brand and channel it to the ultimate consumer.

A pre requisite of FM 20 is required.

Credits: 3

On Occasion

FM 72 The Fashion Stylist

Stylists are central to the fashion industry today. Working with brands, models, make-up artists and photographers, stylists manage the settings and

products displayed as part of editorial, advertising, and film shoots. These professionals also are integrally involved in fashion shows, special events, and image management for a range of fashion items, props and food. This course covers the historical aspects of style icons and terminology from classic films to street culture and the roles and the how-to of fashion styling.

A pre requisite of FM 10, FM 12, and FM 14 is required.

Credits: 3

On Occasion

FM 87 Fashion Merchandising Internship I

Internship I: This internship opportunity permits students 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 with the mentor. The student works approximately 120 hours per semester, with times arranged by the student and employer. Meetings with a faculty mentor, a journal, and periodic papers are required. Junior or Senior status.

A pre requisite of FM 10 or FMX 10, FM 12, and FM 14, Senior status with a 3.0 G.P.A. and permission of the Program Director is required.

Credits: 3

On Occasion

FM 88 Fashion Merchandising Internship II

Internship II: This is a second internship, which shares the same information, preparation and procedures. In order for you to take this second one, you must have taken previously FM87 as a pre-requisite and meet the other requirements as well.

A pre requisite of FM87, Senior status with a 3.0 G.P.A. and permission of the Program Director is required.

Credits: 3

On Occasion

FM 92 Capstone

The Capstone Project, a culminating project, integrates experience, knowledge and skills acquired and developed during the course of study for students. This project reflects the many ways fashion merchandisers connect with business information, media, communication professionals, and valuable assets within the fashion, textile and luxury sectors. Students may pursue a research-oriented, an interactive ethnographic, or business management-oriented project. Students take responsibility for identifying and defining a problem. Then they develop the approaches and methods needed to address the problem, carry out the investigation independently, and present findings in both written and oral forms for examination.

A pre requisite of FM 26, Senior status with a GPA of 2.75 or program director permission is required.

Credits: 4

On Demand

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 Biomedical Sciences, Health Care and Public Administration, Health Sciences, Nursing, Nutrition, and Social Work. Please refer to the departments for specific information on degrees and certificates.

Drawing from intense classroom studies, real-world internship opportunities, 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. 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.

If you have questions, please contact the dean's office at 516-299-2485, email: Post-SHPN@liu.edu, or fax: 516-299-2527.

Stacy Jaffee Gropack, PT, Ph.D., FASAHP

Dean

stacy.gropack@liu.edu

Paul Dominguez, Ph.D.

Assistant Dean

paul.dominguez@liu.edu

Grievance Policy

Undergraduate Student Grievance Procedure

The School of Health Professions and Nursing (SHPN) faculty members are committed to assist students with any academic difficulties. A student who wishes to submit a grievance has the right to do so by utilizing the following procedures:

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

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

Graduate Student Academic Grievance Procedure

1. Instructor/faculty member:

The student must first make an effort to resolve the matter with the course instructor/faculty member. The student must contact the instructor or faculty member within 10 business days of the issue. The instructor will meet with the student to discuss the grievance within 5 business days of being contacted. If there is no resolution, the student may file a formal written grievance (SHPN Grievance Form) with the chair/program director of the department within 10 business days after meeting with the instructor/faculty member.

2. Chair/Program Director:

The chair/director will schedule a meeting with the student within 5 business days of his/her receipt of the student grievance. At this time the chair/director may also consult with the faculty member/instructor to discuss the grievance and attempt to resolve the matter. The chair/director may consult other members of his/her department informally or as part of a departmental meeting/committee. Individual departments shall determine such procedures. The chair/director must advise the student in writing of his/her finding within 10 business days of the meeting with the student.

Appeal Procedure

For undergraduate students, follow the appeals link listed:

LIU Post Appeals

For graduate students:

1. Subject to the procedures outlined below, the student may appeal the decision to the dean of the School of Health Professions and Nursing within 10 business days of the issuance of the chair/director's decision. The student must submit

a written appeal to the dean (Grievance Appeal Request Form) indicating (1) the basis of the appeal and (2) all methods used to date to resolve the problem.

2. The dean will review the case and, if she/he believes the appeal has merit, will refer the matter to the dean's Academic Standing Committee. A meeting of the Academic Standing Committee will be convened within 10 business days of receipt of the referral.
3. The Academic Standing Committee will hear statements from both the student and faculty/department.
4. The Academic Standing Committee will make a recommendation to the dean within 5 business days after the conclusion of its meeting.
5. The student will be notified by the dean in writing of the decision within 10 business days of the dean receiving the recommendation from the Academic Standing Committee.
6. The dean's decision is the final decision making body within the School of Health Professions and Nursing.

It is presumed that academic decisions result from consistent, fair, and equitable application of clearly articulated standards and procedures. Students appealing such decisions (to the dean) must demonstrate that the standards and procedures were not clearly stated or that they were not applied in a consistent, fair and equitable manner. The burden of proof of an appeal is on the student.

DEPARTMENT OF BIOMEDICAL SCIENCES

Phone: 516-299-3047

Phone: 516-299-3039 (Clinical Laboratory Sciences)

Fax: 516-299-3998

Email: Post-BioMed@liu.edu

Chair: Dr. Seetha Tamma

Professors: Tamma, Vellozzi

Associate Professors: Capetandes

Assistant Professors: Tejas

Program Director, Cardiovascular Perfusion: Chan

Program Director, Clinical Laboratory Sciences: Capetandes

Capetandes

Adjunct Faculty: 20

The Department of Biomedical Sciences offers accredited bachelor degrees that prepare competent and knowledgeable professionals dedicated to the highest standards of science and health care. The Bachelor of Science degrees include Clinical Laboratory Science (CLS), Generalist (National Accrediting Agency for Clinical Laboratory Sciences [NAACLS] accredited) and Biomedical Technology.

The B.S. in Clinical Laboratory Sciences program 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 affiliates are exposed to state-of-the-art instrumentation and are educated by certified and licensed clinical laboratory staff to become laboratory professionals with comprehensive skills in CLS.

B.S. in Biomedical Sciences with Specialization in Clinical Laboratory Science (Generalists)

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 128-credit Bachelor of Science program is 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 successfully completing this generalist CLS program are eligible to take the ASCP (American Society of Clinical Pathologists) national certification examinations. Certification is necessary for employment nation-wide and is required for licensure in New York State. CLS generalists rotate through the following laboratory areas at the clinical affiliate site:

- Chemistry
- Hematology
- Immunohematology
- Microbiology
- Urinalysis
- Clinical Immunology
- Histology (optional)

If you have any questions about the admissions application process or requirements, please contact the Director of the Clinical Laboratory Science Program at 516-299-3039, or email anthony.capetandes@liu.edu, or contact the LIU Post Admissions Office at 516-299-2900 or e-mail post-enroll@liu.edu.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.67 is required for application review for the CLS program. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores. Transfer students must submit official transcript(s) from all colleges or universities attended and two letters of recommendation preferably from former science professors. Both transfer students and starting sophomores at LIU Post must follow these requirements.

B.S. in Biomedical Sciences: Clinical Laboratory Science Program applicants are required to maintain a minimum GPA of 2.67 to qualify for clinical rotations and must also complete a separate application directly to the Program Director, Clinical Laboratory Sciences prior to commencing their junior year at LIU Post.

ADMISSION APPLICATION

Students pursuing the B.S. in Biomedical Sciences: Clinical Laboratory Science must complete a Clinical Laboratory Science Application for Admission (PDF) and the LIU Application for Admission.

Please complete and mail the Clinical Laboratory Science Application for Admission to: Anthony Capetandes, Ph.D., MT(ASCP) Program Director Clinical Laboratory Sciences Department of Biomedical Sciences School of Health Professions and Nursing LIU Post

720 Northern Boulevard

Brookville, N.Y. 11548-1300

Phone: 516-299-3039

E-mail: anthony.capetandes@liu.edu

B.S. in Biomedical Sciences: Clinical Laboratory Science/Generalist

{Program Code: 06393}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Biomedical Sciences: Clinical Laboratory Science/Generalist must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	4 credits (MTH 3 or 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Must receive a grade of C or better in all major courses

Required Core Biomedical Courses

BMS 49	Laboratory Information Systems	1.00
BMS 80	Immunology	3.00
BMS 87	Clinical Immunology	3.00
BMS 90	Microbiology in Health Sciences	4.00
BMS 97	Virology	1.00
BMS 225	Histopathology of Body Systems	3.00

And one of the following:

BMS 40	Computer Applications	3.00
HPA 20	Computer Applications	3.00
CLA 6	Computer Literacy	3.00

Required Clinical Laboratory Sciences Courses

BMS 50	Clinical Chemistry I and Urinalysis	4.00
BMS 63	Introduction to Hematology/Phlebotomy	3.00
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:

BMS	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.

MTH	1	Introduction to College Mathematics	3.00
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 and GPA Requirements

Minimum Total Credits: 128
 Minimum Liberal Arts Credits: 65
 Minimum Major Credits: 63
 Minimum Overall GPA: 2.00
 Minimum Major GPA: 2.00

B.S. in Biomedical Technology

Students pursuing the Biomedical Technology degree learn basic and applied biomedical and advanced sciences which allow them to perform and evaluate test results in a research or pharmaceutical setting. The 120-credit Bachelor of Science in Biomedical Technology prepares students for career positions in the bioscience industry (biotechnology, medical devices, pharmaceuticals, life systems, project leadership or forensic pathology). Biomedical Technology students take a varied group of courses that allow them to perform a research project either on the campus or with another professional laboratory site of their choosing. Students take course pre-requisites that may be utilized for entry into professional schools of medicine, osteopathy, dentistry or pursue other doctoral degree routes.

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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

Transfer students must submit official transcript(s) from all colleges or universities attended and two letters of recommendation preferably from former science professors. Both transfer students and starting sophomores at LIU Post must follow these requirements. Applicants to the B.S. in Biomedical

Technology may be contacted for a personal interview.

B.S. in Biomedical Technology

{Program Code: 27200}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Biomedical Technology must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8 or BIO 103 and 104)
Language/Literature	6 credits
Mathematics	4 credits (MTH 3 or 7)
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

A grade of C+ or better is recommended in all courses

Required Biomedical Science Core Courses

BMS	49	Laboratory Information Systems	1.00
BMS	80	Immunology	3.00
BMS	87	Clinical Immunology	3.00
BMS	90	Microbiology in Health Sciences	4.00
BMS	211	Pathophysiology I	3.00

Choose one of the following:

BMS	40	Computer Applications	3.00
CLA	6	Computer Literacy	3.00

Required Biomedical Technology Courses

BMS	51	Pharmacology	3.00
BMS	97	Virology	1.00
BMS	212	Pathophysiology II	3.00
BMS	225	Histopathology of Body Systems	3.00
BMS	249	Bioinformatics	3.00

Required Biomedical Technology Courses

BMS	256	Diagnostic Techniques in Molecular Pathology	4.00
BMS	656	Molecular Diagnostics	3.00

One of the following:

BMS	248	Undergraduate Research Project	4.00
BMS	385	Honors Tutorial	3.00
BMS	386	Honors Tutorial	3.00

Elective Biomedical Technology Courses

At least 3 credits from any additional Undergraduate Biomedical Science (BMS) course or PHI 19 (Medical Ethics)

Required Basic & Advanced Science Courses

CHM	3	Principles of Chemistry I	4.00
CHM	4	Principles of Chemistry II	4.00

One of the following:

BIO	107	Genetics	4.00
BIO	108	Cell Biology	4.00
BIO	121	Human Genetics in Health and Disease	3.00

One of the following sequences:

BIO 7 & 8 or BIO 103 & 104

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

One of the following sequences:

CHM 21 & 22 or CHM 25 & 71

CHM	21	Organic Chemistry I	4.00
CHM	22	Organic 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
MTH	41	Biostatistics	3.00

One of the following:

Note: CHM 3 has a pre-requisite of MTH 3 or a co-requisite of MTH 7.

MTH	1	Introduction to College Mathematics	3.00
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
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MTH	16	Mathematics for Elementary Education II	3.00
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Credit and GPA Requirements

- Minimum Total Credits: 120
- Minimum Liberal Arts Credits: 60
- Minimum Major Credits: 43
- Minimum Overall GPA: 2.00
- Minimum Major GPA: 2.00

Biomedical Science Courses

BMS 20 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. Writing Across the Curriculum course.

Credits: 3

Every Fall and Spring

BMS 40 Computer Applications

This course reviews the usefulness of computers for home or business. Students learn the current Microsoft Office Programs (Word, Excel, Power Point, and Access) and the utilization of an online course management system (i.e. Blackboard or WebCT). Extensive "hands-on" computer use is involved for the completion of this course.

Credits: 3

On Occasion

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 Spring

BMS 71 Introduction to Criminalistics

The course includes an overview of forensic science laboratory techniques. The subject introduces the student to information collected and chain of custody followed at the crime scene; photography; physical evidence and its properties (trace evidence, fingerprints; firearms; fibers; paint; documents examination). This subject includes principles of microscopy; serology (blood identification procedures); origin determination; semen identification procedures; other biological substances of interest; hair comparison; drugs and toxicology; casework interpretation; quality control, proficiency testing and accreditation; and recent criminal cases. Lectures, demonstrations and basic laboratory exercises are used to present the subject matter. Two-hour lecture and three-hour laboratory.

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.

Co-requisite of BMS 80 is required.

Credits: 1

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: 1 to 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: 1 to 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 is a sequel to BMS 50. It 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.

Prerequisite 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.

Prerequisite 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.

Prerequisite 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.

Prerequisites 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.

Prerequisite of BMS 90 is required.

Credits: 3

Every 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.

Prerequisite 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.

Prerequisites of BIO 7 & 8 are required.

Credits: 3

Every Fall

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 review sessions are team-taught by program faculty. 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 249 Bioinformatics

This course addresses computational techniques used to study three-dimensional structures and orientation of macromolecules within biological systems. The subject enables students to work on a research life science problems and develop applications employed computerized biological images. Both areas of interest rely on proficiency in the use of the World Wide Web data. Training in bioinformatics is a prerequisite to the comprehension of information regarding the function of genes, proteins, and numerous cellular components. Comprehension about bioinformatics enhances the qualification of graduates in biomedical sciences by allowing them to meld computer skills with current information about the special relationships of biomolecules in living systems.

Prerequisite of BMS 40 and BMS 49 and Co requisite of MTH 19 or BIO 141 are required.

Credits: 3

Every Fall

BMS 255 Toxicology

This course introduces students to the basic principles of toxicology, the study of adverse effects of natural compounds or artificial chemicals on living organisms. Specific areas covered will include: the history of toxicology, general principles, chemical carcinogenesis, specific organ toxicology and ways to determine the risk to humans associated with toxic compounds. Students will apply toxicological concept to current and historical

events such as mass poisonings from natural or environmental disasters and individual forensic cases.

Prerequisite of CHM 22 or 71 is required.

Credits: 3

Every Fall

BMS 256 Diagnostic Techniques in Molecular Pathology

Molecular diagnostics is the application of methods in biotechnology to assist in the diagnosis of disease at the cellular level. Biotechnology involves techniques used in molecular biology that are applied to the study of abnormal cells. Techniques used in biotechnology are: cell culture, the polymerase chain reaction (PCR), immunohistochemistry, cloning and genetic probes. Formal lectures are followed by experiments in a laboratory equipped to perform some of the aforementioned techniques. Additionally, the use of the internet will be demonstrated as a means of accessing databases.

Pre-requisite of BMS 80 is required.

Credits: 4

Every Spring

BMS 257 Forensic Molecular Techniques

This subject provides a detailed introduction to, and history of, forensic molecular techniques and applications, and covers relevant principles from genetics and biochemistry. This 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.

Pre-requisite of BMS 256 is required.

Credits: 4

Every Fall

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 271 Forensic Science Internship

This course provides the culminating experience for the Forensic Science degree. 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. Students will be given pieces of evidence to assemble and describe the possible circumstances that have occurred which led to the crime. 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. *Pre-requisite of BMS 71, CHM 39 and BMS 256 are required.*

Credits: 2

Every Semester

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 hrs. total practicum time).

Credits: 3

Every Spring

DEPARTMENT OF HEALTH CARE AND PUBLIC ADMINISTRATION

Phone: 516-299-2716

Fax: 516-299-3912

Chair: Professor Figliola

Associate Professor: Forman, Henderson

Assistant Professor: Mullins, Perez, Vila

Adjunct Faculty: 38

The overall objective of the Bachelor of Science programs in health care and public administration is to prepare professionally qualified individuals to serve as generalists and specialists in administrative careers in government, public service agencies and related areas. The curriculum is designed to prepare students for entry and middle-level professional positions in public service. In addition, graduates of the program may be eligible for employment in similar capacities in the nonprofit and private sectors.

The curriculum in health care and public administration is designed to endow students with practical abilities in problem solving, ethics, program analysis and implementation.

Undergraduates can pursue the Bachelor of Science degree in either Health Care Administration or Public Administration. Students also can choose five-year Accelerated Programs that lead to both a Bachelor of Science degree in Public Administration, Health Administration or Political Science and a Master of Public Administration in either field. Undergraduate minors are available in Public Service or Health Care Administration. The degree programs welcome both full-time and part-time students.

The Public Administration honor society, Pi Alpha Alpha, plays an active role in undergraduate life on campus. The Department 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.

B.S. in Health Care Administration

The Bachelor of Science degree in Health Care 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 the course of 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 positions in 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.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

B.S. in Health Care Administration

[LIU Post Program Code: 83493]

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Health Care Administration must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits (PHI 13 required)
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

B.S. in Health Care Administration

Major Requirements

Required Health Care Administration

Courses

All of the following:

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

***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
MPA* 507	The Policy Process in Health Care and Public Administration	3.00

Required Course List 2 - one of the following:

HPA 14	Financial Management in the Health Care/Public Sectors	3.00
HAD* 603	Foundations of Budgeting and Finance in the Health Sector	3.00

Required Course List 3 - one of the following:

HPA 15	Health Resource Allocation in Health Care/Public Sectors	3.00
MPA* 503	Economics, Environment and the Public Sector	3.00

Required Course List 4 - one of the following:

HPA 20	Computer-Based Management Systems	3.00
MPA* 506	Computer Based Management Systems	3.00

Required Co-Related Courses

All of the following:

ECO 10	Introduction to Microeconomics	3.00
ECO 11	Introduction to Macroeconomics	3.00
PHI 13	Ethics and Society	3.00
PHI 19	Biomedical Ethics	3.00
POL 2	Introduction to American Politics	3.00

AND one course/three credits of the following:

POL 80	Administrative Behavior	3.00
POL 84	The Executive Process	3.00

HPA Electives (21 credits):

HPA	11	Careers in Public and Social Services	3.00
HPA	12	Citizenship and the Community	3.00
HPA	16	Health Policy	3.00
HPA	29	Managed Health Care	3.00
HPA	35	Vulnerable Populations in the USA	3.00
HPA	36	Child and Family Policy	3.00
HPA	37	The Roles and Functions of Public Agencies and Authorities	3.00
HSC	101	Intro to Health Professions	3.00
SWK	1	Intro to Social Work & Social Welfare	3.00
SWK	30	Interdisciplinary Helping Professions	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

B.S. in Public Administration

The Bachelor of Science program in Public Administration will prepare students for a rewarding career in the public sector. Despite the recent economic slowdown, Long Island has demonstrated continuing vitality as a place to live and work, and as an attractive vacation destination. But population growth has brought with it a host of challenges ranging from traffic congestion to water safety to affordable housing and health care. Meeting these challenges requires a skilled and dedicated public service work force.

This 120-credit program combines a liberal arts education with courses focused on the political, social, and economic aspects of public services. Graduates are ready to move directly into entry or mid-level positions in the public sector or to pursue advanced degrees in public administration. Public Administration is designed to prepare students for meaningful roles in government agencies or non-profit organizations, with a skill set that has applications on other fields, such as education and business.

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 GPA of 2.8 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.

B.S. in Public Administration

{Program Code: 87511}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Public Administration must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits (PHI 13 required)
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Public Administration Courses

All of the following:

HPA	12	Citizenship and the Community	3.00
HPA	13	Legal Aspects of Health Care/Public Administration	3.00
HPA	14	Financial Management in the Health Care/Public Sectors	3.00
HPA	15	Health Resource Allocation in Health Care/Public Sectors	3.00
HPA	18	Research Methods	3.00
HPA	19	Statistics for the Administrators	3.00
HPA	20	Computer-Based Management Systems	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 Care & Public Administration	3.00

HPA	32	Internships in Health and Public Administration	6.00
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Required Co-Related Courses

All of the following:

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
POL	80	Administrative Behavior	3.00
POL	82	Introduction to Public Administration	3.00
POL	83	Policy-Making in American Government	3.00

Electives (up to 21 credits):

HAD	10	American Health System	3.00
HAD	11	Management of Health Care Organizations	3.00
HPA	11	Careers in Public and Social Services	3.00
HPA	16	Health Policy	3.00
HPA	29	Managed Health Care	3.00
HPA	34	Administrative Law	3.00
HPA	35	Vulnerable Populations in the USA	3.00
HPA	36	Child and Family Policy	3.00
HPA	37	The Roles and Functions of Public Agencies and Authorities	3.00
HSC	101	Intro to Health Professions	3.00
SWK	1	Intro to Social Work & Social Welfare	3.00
SWK	30	Interdisciplinary Helping Professions	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Minimum Major GPA: 2.00
 Minimum Cumulative GPA: 2.00

DUAL DEGREE PROGRAMS

B.S./M.P.A. in Health Administration

The Department of Health Care and Public Administration offers an accelerated degree program that enables qualified students to

complete requirements for both a Bachelor of Science and a Master of Public Administration in Health Care 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.

The Master of Public Administration (M.P.A.) is accredited by the National Association of Schools of Public Affairs and Administration.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- **Transfer students:** Completion of 60-64 credits with a minimum grade point average of 3.0. If a student does not possess the necessary 3.0 average, 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./Master of Public Administration in Health Care Administration

{Program Code: 84155}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Health Care Administration/Master of Public Administration must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits (PHI 13 required)
Laboratory Science	8 credits
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 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

All of the following:

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 Care & Public Administration	3.00
HPA 32	Internship in Health and Public Administration	6.00

Required Undergraduate Co-Related

Courses

All of the following:

ECO 10	Introduction to Microeconomics	3.00
ECO 11	Introduction to Macroeconomics	3.00
PHI 13	Ethics and Society	3.00
PHI 19	Biomedical Ethics	3.00
POL 2	Introduction to American Politics	3.00
POL 80	Administrative Behavior	3.00

Required Senior Year Graduate Health Care

Administration Courses

All of the following:

MPA 503	Economic Environment and the Public Sector	3.00
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MPA 506	Performance Management and Information Systems	3.00
MPA 507	The Policy Process in Health Care and Public Administration	3.00
HAD 603	Foundations of Budgeting and Finance in the Public Sector	3.00

Required Graduate Health Care

Administration Courses

All of the following:

MPA 501	Principles of Public Administration	3.00
MPA 502	Organizational Theory and Behavior in the Health and Public Sectors	3.00
MPA 505	Analytical Methods	3.00

Required Graduate Health Care

Administration Advanced Courses

All of the following:

HAD 602	Human Resource Administration in the Health Sector	3.00
HAD 604	Administrative Responsibility and the Legal Environment in the Health Sector	3.00

Elective Graduate Health Care

Administration Courses

Three courses/nine credits of the following:

HAD 701	Hospitals & Health Care Organizations	3.00
HAD 702	Epidemiology & Public Health	3.00
HAD 709	Legal Aspects In Health	3.00
HAD 710	Gerontology: Processes of Aging	3.00
HAD 711	Long-Term Care Administration	3.00
HAD 712	The Management of Senior Community Programs	3.00
HAD 713	Rehabilitation and Restorative Programs	3.00
HAD 714	Planning and Marketing in Health Care	3.00
HAD 715	Mental Health Administration	3.00
HAD 723	Economics of Health	3.00
HAD 724	Managed Care Administration	3.00
HAD 725	Financial Management of Health Care Institutions	3.00

HAD	726	Interdisciplinary Assessment	3.00
HAD	727	Entrepreneurship in Gerontology	3.00
HAD	780	Current Issues in Health Administration	3.00
MPA	701	Managerial Communications	3.00
MPA	704	Intergovernmental Relations	3.00
MPA	705	Training and Development	3.00
MPA	706	Work, People and Productivity	3.00
MPA	710	Labor Relations in the Public Sector	3.00
MPA	712	Managing Diversity in the Workplace	3.00
MPA	713	Grant Writing and Administration	3.00
MPA	721	Quality Improvement and Program Evaluation Strategies	3.00
MPA	777	Critical Issues in the Health, Public and Private Sectors	3.00
MPA	785	Independent Study	3.00
MPA	788	Graduate Internship in Administration	3.00

Required Graduate Health Care Administration Capstone Seminar

Courses

All of the following:

MPA	707	Thesis Research Consultation	3.00
MPA	708	Thesis Research Consultation	3.00

Credit and GPA Requirements

Minimum Total Credits: 150
 Minimum Total Undergraduate Credits: 108
 Minimum Graduate Credits: 42
 Minimum Undergraduate Liberal Arts Credits: 60
 Minimum Undergraduate Major GPA: 3.00
 Minimum Undergraduate Cumulative GPA: 3.00
 Minimum Graduate GPA: 3.00

B.S./M.P.A. in Public Administration

The Department of Health Care and Public Administration offers an accelerated program that leads to a Bachelor of Science degree and a Master of Public Administration in Public Administration in only five years. In the student's senior year, he

or she will complete 12 graduate credits in required courses. Upon successful completion of the 120 undergraduate credits required for the baccalaureate degree, the student will not receive the B.S. degree, but will be awarded 12 credits of advanced standing in the M.P.A. in Public Administration program. The student will then be required to complete 30 credits in the graduate program, rather than the standard 48 credits required. After completing the 30 credits and meeting all the graduation requirements, the student will be awarded both the B.S. and M.P.A. degrees. If, for any reason, the student, after completing the 120 undergraduate credits, forgoes the M.P.A. degree, then he or she will be entitled to the B.S. in Public Administration. Undergraduate financial assistance does not apply to the graduate portion of this program.

The Master of Public Administration is accredited by the National Association of Schools of Public Affairs and Administration.

Admission Requirements

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- **Transfer students** Completion of 60-64 credits with a minimum grade point average of 3.0. If a student does not possess the necessary 3.0 average, 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 Public 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. in Public Administration/Master of Public Administration

{Program Code: 87512}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Public Administration/Master of Public Administration must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 and 11)
Fine Arts	3 credits
History/Philosophy	6 credits (PHI 13 required)
Laboratory Science	8 credits
Language/Literature	6 credits

Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Undergraduate Public

Administration Courses

All of the following:

HPA	12	Citizenship and the Community	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	28	Strategic Planning and Program Evaluation	3.00
		Critical Issues in Health Care & Public Administration	3.00
HPA	30	Care & Public Administration	3.00
HPA	32	Internships in Health and Public Administration	6.00

Required Undergraduate Co-Related Courses

All of the following:

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
POL	80	Administrative Behavior	3.00
POL	82	Introduction to Public Administration	3.00
POL	83	Policy-Making in American Government	3.00

Required Senior Year Graduate Public

Administration Courses

All of the following:

MPA	503	Economic Environment and the Public Sector	3.00
MPA	506	Computer Based Management Systems	3.00
PAD	602	Human Resource Administration in the Public Sector	3.00
PAD	603	Foundations of Budgeting and Finance in the Public Sector	3.00

Required Graduate Public Administration Courses

All of the following:

MPA	501	Principles of Public Administration	3.00
MPA	502	Organizational Theory and Behavior in the Health and Public Sectors	3.00
MPA	505	Analytical Methods	3.00
MPA	507	The Policy Process in Health Care and Public Administration	3.00
PAD	604	Administrative Responsibility and the Legal Environment in the Public Sector	3.00

Elective Graduate Public Administration Courses

Three courses/nine credits of the following:

MPA	701	Managerial Communications	3.00
MPA	704	Intergovernmental Relations	3.00
MPA	705	Training and Development	3.00
MPA	706	Work, People and Productivity	3.00
MPA	710	Labor Relations in the Public Sector	3.00
MPA	712	Managing Diversity in the Workplace	3.00
MPA	713	Grant Writing and Administration	3.00
MPA	721	Quality Improvement and Program Evaluation Strategies	3.00
MPA	777	Critical Issues in the Health Public and Private Sectors	3.00
MPA	785	Independent Study	3.00
MPA	788	Graduate Internship in Administration	3.00
PAD	712	Environmental Law and Administration	3.00
PAD	714	Seminar in the Politics of Environmental Control	3.00
PAD	715	Environmental Pollution	3.00
PAD	716	Coastal Zone Management	3.00
PAD	717	Environmental Impact Analysis	3.00
PAD	725	Governmental Regulation of Land Use	3.00
PAD	729	Environmental Planning	3.00

PAD	748	Managing Metropolitan Government	3.00
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PAD	780	Current Issues in Public Administration	3.00
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Required Graduate Public Administration

Capstone Seminar Courses

All of the following:

MPA	707	Thesis Research Consultation	3.00
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MPA	708	Thesis Research Consultation	3.00
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Credit and GPA Requirements

Minimum Total Credits: 150
 Minimum Total Undergraduate Credits: 108
 Minimum Graduate Credits: 42
 Minimum Undergraduate Liberal Arts Credits: 60
 Minimum Undergraduate Major GPA: 3.00
 Minimum Undergraduate Cumulative GPA: 3.00
 Minimum Graduate GPA: 3.00

MINORS

Minor in Public Service

Undergraduate students who are pursuing a major in another subject area can apply 18 credits toward a minor in Public Service. This minor is designed for students who have an interest in the area of public service. Contact your academic and career counselor for additional information.

Minor in Public Service Requirements

Required Public Service Courses

All of the following:

HPA	11	Careers in Public and Social Service	3.00
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HPA	12	Citizenship and the Community	3.00
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HPA	15	Health Resource Allocation in the Health Care/Public Sectors	3.00
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HPA	30	Critical issues in Health and Public Administration	3.00
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PHI	13	Ethics and Society	3.00
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POL	83	Policy-Making in American Government	3.00
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Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Minor GPA: 2.00

Minor in Health Care Administration

Undergraduate students who are pursuing a major in another subject area can apply 18 credits

toward a minor in Health Care Administration. This minor is designed for students who have an interest in the health care field, and more specifically health care administration. Contact your academic and career counselor for additional information.

Minor in Health Care Administration Requirements

Required Health Care Administration Courses

All of the following:

HAD	10	American Health Systems	3.00
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HPA	11	Careers in Public and Social Service	3.00
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HPA	14	Financial Management in the Health Care/Public Administration	3.00
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HPA	18	Research Methods	3.00
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HPA	20	Computer-Based Management Systems	3.00
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PHI	19	Biomedical Ethics	3.00
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Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Minor GPA: 2.00

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 Fall and 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

Considers the importance of law and regulations in the administrative process. Areas to be emphasized include a general introduction to the law, 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 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

Alternate Years

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 Health Policy

An examination of the political processes, agencies, and policies affecting the organization and delivery of health services in the United States.

Prerequisite of HAD 10 is required.

Credits: 3

On Occasion

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 Junior status or greater is required if in Social Work plan of study. Open to all non-majors without prerequisite.

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 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 22 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.

Prerequisites of (HAD 10 & POL 80) or POL 84 are required.

Credits: 3

Every Fall and Spring

HPA 29 Managed Health Care

Examines the forces at work in the American health care system which have resulted in the formation of managed care. Explores the alliances and conflicts among managed care organizations, service providers and consumers. The prevalent models of managed care are described and compared, as well as the applicability of the managed care concept to the various types of medical service.

Prerequisite of HAD 10 is required.

Credits: 3

On Occasion

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

HPA 36 Child and Family Policy

This undergraduate course introduces theories and applications of child and family policy. It explores the intersections of children and families and U.S. federal, state and local governments within the policy process, while considering the distributional effects of such policies. The course examines how policy problems are defined within political and historical contexts and how evidence-based research can influence policy-making. Topics such as social welfare, childcare, family and medical leave, early childhood education and child health will be analyzed.

Credits: 3

Annually

HPA 37 The Roles and Functions of Public Agencies and Authorities in Times of Uncertainty

Public Agencies and authorities have a major impact on society and the delivery of services to them. Presently, there is much uncertainty facing public agencies and authorities. This course will examine a variety of current substantive issues including Hurricanes Katrina and Sandy, environmental Issues, public subsidized housing, emergency and disaster management.

Credits: 3

Annually

DEPARTMENT OF HEALTH SCIENCES

Phone: 516-299-2743

Fax: 516-299-3081

Email: Post-Health_Sciences@liu.edu

Chair: Dr. Marci J. Swede

Associate Professors: Swede, Thomas

Assistant Professors: Cloward, Colin-Eugene, Labos, Raven

Clinical Coordinator, Medical Imaging: Gathy

Adjunct Faculty: 11

The Department of Health Sciences offers bachelor's degrees that prepare professionals for diverse fields within the health care industry. Built on a solid foundation of liberal arts and sciences, these programs are structured to provide a professional education with a comprehensive curriculum. The department houses the Health Information Management Program and, the Medical Imaging Program, and the Bachelor of Science degree in Health Sciences. The Department also guides students pursuing pre-baccalaureate entry into professional programs such as Pharmacy and Respiratory Care.

The Department of Health Sciences' academic programs include the Joint Review Committee on Education in Radiologic Technology (JRCERT) accredited Bachelor of Science in Radiologic Technology and the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) accredited Bachelor of Science and Certificate in Health Information Management.

B.S. in Health Sciences

Phone: 516-299-2743

Fax: 516-299-3081

Email: Post-Health_Sciences@liu.edu

Program Director: Dr. Marci J. Swede

Associate Professors: Swede

Adjunct Faculty: 2

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 120-credit 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, medical imaging, medicine, or health information management. Even if you have not yet decided on a career path with 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 along side evidence-based healthcare. As part of the curriculum, you will select one of six minors - business administration, accountancy, health care 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. Full-time academic counselors with expertise in health care education will assist students in planning their course of study.

B.S. in Health Sciences

{Program Code: 35200}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Health Sciences must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits (PHI 13 required in Public Service sub-plan)
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	4 credits (MTH 3 or 7)
Social Sciences	6 credits (PSY 1 and 2)

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

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 1	General Psychology I	3.00
PSY 2	General Psychology II	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:

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
MTH 19	Basic Statistics	3.00
MTH 41	Biostatistics	3.00

Selection of one of the following:

1. Accountancy minor
2. Business minor
3. Health Care Administration minor
4. Healthcare Coding and Reimbursement minor
5. Nutrition minor
6. Public Service minor
7. Social Work minor
8. Spanish minor for Health Professions
9. Sports Management minor

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 Minor Requirements

Students completing this degree are eligible for Accountancy minor. Please see advisor to declare minor officially.

Required Accountancy Courses

ACC 11	Accounting Principles I	3.00
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ACC	12	Accounting Principles II	3.00
ACC	21	External Reporting I	3.00
ACC	22	External Reporting II	3.00

Two of the following:

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

Minimum Major and Overall GPA of 2.8 is required

Business Minor Requirements

Students completing this degree are eligible for Business minor. Please see advisor to declare minor officially.

Required Business Courses

MAN	11	Principles of Management	3.00
MKT	11	Marketing Principles and Practices	3.00

One of the following:

ACC	11	Accounting Principles I	3.00
FIN	11	Corporation Finance	3.00

Elective Business Courses (9 credits)

Nine credits of any FIN, MAN, MKT, MIS courses.

Minimum Major and Overall GPA of 2.8 is required

Health Care Administration Minor Requirements

Students completing this degree are eligible for Health Care Administration minor. Please see advisor to declare minor officially.

Required Health Care Administration Courses

HAD	10	American Health Systems	3.00
HPA	11	Careers in Public and Social Service	3.00
HPA	14	Financial Management in the Health Care/Public Administration	3.00
HPA	18	Research Methods	3.00
HPA	20	Computer-Based Management Systems	3.00
PHI	19	Medical Ethics	3.00

Minimum Major and Overall GPA of 2.8 is required

Healthcare Coding and Reimbursement Minor Requirements

Students completing this degree are eligible for Healthcare Coding and Reimbursement minor. Please see advisor to declare minor officially.

Required Healthcare Coding and Reimbursement Courses

HIM	104	Health Information Management	3.00
HIM	106	ICD Inpatient Coding	3.00
HIM	110	Healthcare Reimbursement Methodologies	3.00
HIM	206	CPT Outpatient Coding	3.00
HIM	210	Computer-Based Health Information Systems	3.00
HIM	52	Medical Terminology	3.00

Minimum Major and Overall GPA of 2.0 is required

Nutrition Minor Requirements

Students completing this degree are eligible for Nutrition minor. Please see advisor to declare minor officially.

Required Nutrition Courses

NTR	100	Concepts in Nutrition	3.00
NTR	101	Contemporary Nutrition Strategies	3.00
NTR	222	Designing Cuisine	3.00

One of the following set of courses

NTR	16	Cultural & Social Aspects of Food	2.00
NTR	16L	Cultural & Social Aspects of Food Lab	1.00

or

NTR	21	Introductory Food Science	3.00
NTR	21L	Introductory Food Science Laboratory	1.00

Minimum Major and Overall GPA of 2.5 is required

Public Service Minor Requirements

Students completing this degree are eligible for Public Service minor. Please see advisor to declare minor officially.

Required Public Service Courses

HPA	11	Careers in Public and Social Service	3.00
HPA	12	Citizenship and the Community	3.00

HPA	15	Health Resource Allocation in Health Care/Public Sectors	3.00
HPA	30	Critical Issues in Health/Public Administration	3.00
PHI	13	Ethics and Society	3.00
POL	83	Policy-Making in American Government	3.00

Minimum Major and Overall GPA of 2.8 is required

Social Work Minor Requirements

Students completing this degree are eligible for Social Work minor. Please see advisor to declare minor officially.

Required Social Work Courses

SWK	1	Introduction to Social Work and Social Welfare	3.00
SWK	50	Social Welfare Programs & Policies I	3.00
SWK	51	Social Welfare Programs & Policies II	3.00
SWK	60	Human Behavior in the Social Environment I	3.00
SWK	61	Human Behavior in the Social Environment II	3.00
POL	80	Administrative Behavior	3.00

Minimum Major and Overall GPA of 2.8 is required

Spanish Minor for Health Professions Requirements

Students completing this degree are eligible for Spanish minor for Health Professions. Please see advisor to declare minor 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.

SPA	1	Introductory Spanish I	3.00
SPA	2	Introductory Spanish II	3.00
SPA	3	Intermediate Spanish III	3.00
SPA	4	Intermediate Spanish II	3.00
SPA	15	Spanish Medical Terminology and Conversation 1	3.00
SPA	16	Spanish Medical Terminology and Conversation 2	3.00

Minimum Major and Overall GPA of 2.25 is required

Sports Management Minor

Requirements

Students completing this degree are eligible for Sports Management minor. Please see advisor to declare minor officially.

Required Sports Management Courses

PE	140	Introduction to Sports Management	3.00
PE	141	Facility Management	3.00
PE	142	Sports Marketing	3.00
PE	143	The Economics of Sports	3.00
PE	144	Sports Law	3.00
PE	145	Sports Management Internship	3.00

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 60

Minimum Major Credits: 41

Minimum Requisite Minor Credits: 9-19

Minimum Overall GPA: 2.0

Minimum Major GPA: 2.0

HEALTH INFORMATION MANAGEMENT PROGRAM

Phone: 516-299-4158

Email: Post-HIM@liu.edu

Program Director: Marie M. Colin-Eugene
Assistant Professor: Cloward, Colin-Eugene
Adjunct Faculty: 1

Health information managers are a vital and integral part of the health care team. They play an important role in the planning, design, implementation, management, use and evaluation of information systems and electronic health records. Health information managers are the specialists who secure, analyze, integrate, maintain and provide the reliable and accurate information that steers the healthcare industry.

The School of Health Professions and Nursing offers the Bachelor of Science degree and the post-baccalaureate Certificate Program in Health Information Management that are nationally accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The curriculum prepares students to monitor and manage the medical data systems critical to institutional operations and patient care. Completion of the requirements will establish eligibility to sit for the national certification examination administered by the American Health Information Management Association (AHIMA). Students who successfully pass the national examination receive certification and the designation of Registered Health Information Administrator (RHIA).

Built on a solid foundation of liberal arts and sciences, the program is structured to provide a professional education with a comprehensive curriculum. The program is guided by the principle of quality health care through quality information.

B.S. in Health Information Management

Blended Learning - Onsite & Online

In the competitive and complex environment of today's health care system, the proper management of health information is essential. The 120-credit Bachelor of Science degree in Health Information Management offers a course of study that prepares students to monitor and manage the medical data systems critical to institutional operations and patient care.

Completion of the requirements will establish eligibility to sit for the national certification examination administered by the American Health Information Management Association (AHIMA). Students who successfully pass the national examination receive certification and the designation of Registered Health Information Administrator (RHIA). The program is structured to provide a professional education with a comprehensive curriculum and is guided by the principle of quality health care through quality information.

Health Information Management classes are offered online, enabling students to complete their studies at home or office. Students who have a bachelor's degree in another field of study can expand their career prospects by earning a 30-credit Certificate in Health Information Management.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT of 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

RHIT CREDENTIALLED APPLICANTS

Applicants who hold the Registered Health Information Technician (RHIT) credential are exempt from program pre-requisite requirements. General University degree requirements, which may include college core and liberal arts coursework, must be completed for graduation. Review of these requirements with your academic advisor and program director are necessary.

ADDITIONAL ADMISSION REQUIREMENTS

Individuals who are practicing the field of health information management may be granted

some life experience credits toward the Bachelor of Science degree. Life Experience credits will be evaluated after a matriculated student completes 6 earned credits at LIU Post. The student must formally apply to the Health Information Management Program Director for evaluation of eligible credits. (Please note: certain restrictions apply). Life Experience applications will not be accepted once the student has begun the senior residency.

Method of delivery

(All of the HIM core courses are 100% online)

The final 30 credits of the program are delivered in a completely online format. It is expected that students will be logging into the learning management system on a daily basis to review the material posted and complete all assigned work. The HIM core courses are spread out in the last two years between the junior and senior years. Both part-time and full-time options are available.

B.S. Health Information Management

{Program Code: 83326}

Core Requirements

Due to classification system, regulations, technologies, and other pertinent changes affecting the HIM field, any student who has re-entered the LIU HIM Program, must re-enroll and re-take *all major courses* which the student had completed prior to 2010 in order to meet current content requirements for completion of the Health Information Management degree and for certification as registered health information administrators. Please contact the program director to discuss these curriculum changes and how it will impact the fulfillment of your degree requirements. For coding courses, even if taken after 2010, students must re-take if not ICD-10-CM & PCS.

In addition to all major requirements, students pursuing the B.S. in Health Information Management must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits (ART 1, ART 101, CIN 11, DNC 108, MUS 1 or THE 142)
History/Philosophy	6 credits
Laboratory Sciences	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Health Information Management Courses

HIM	104	Health Information Department	3.00
HIM	104C	Professional Practice Experience I (PPEI)	1.00
HIM	106	Coding I	3.00
HIM	106C	Coding/Virtual Lab Professional Practice Experience (PPEII)	1.00
HIM	108	Regulatory, Compliance, Medical Staff and Hospital Organization	3.00
HIM	110	Reimbursement Methodologies	3.00
HIM	206	Coding II	3.00
HIM	210	Computer-based Health Information Systems	3.00
HIM	211	Health Information in Non- Hospital Settings	3.00
HIM	212	Quality Management and Regulatory Agencies	3.00
HIM	213	Organization and Management of a Health Information Department	4.00
HIM	213R	RHIA Exam Capstone	0.00
HIM	220	Research Evaluation and Health Informatics	3.00

One of the following:

HIM	54	Statistics and Research for Health Information Manager	3.00
MTH	19	Basic Statistics	3.00
ECO	72	Statistics	3.00
MTH	41	Biostatistics	3.00

Required Co-Related Courses

BIO	7	Human Anatomy and Physiology I	4.00
BIO	8	Human Anatomy and Physiology II	4.00
HIM	52	Medical Terminology	3.00
HPA	13	Legal Aspects of Health Care/Public Administration	3.00
MAN	11	Principles of Management	3.00

One of the following:

BMS	40	Computer Applications	3.00
CLA	6	Computer Literacy	3.00
HPA	20	Computer-Based Management Systems	3.00

One of the following:

CLA	29	Structuring & Managing Dat	3.00
CS	231	Database Fundamental	3.00

One of the following:

HIM	107	Pathophysiology	3.00
NUR	99	Pathophysiology	3.00
BMS	211	Pathophysiology	3.00

Electives

20 credits of elective courses are available with 7 credits of electives limited to Liberal Arts courses. Please see you academic advisor for a list of recommended elective courses.

Suggested Minors

The following minors are recommended for Health Information Management students to enrich their HIM degrees. The courses in the minors must be completed before beginning of the senior year.

Public Service Minor Requirements

PHI	13	Ethics and Society	3.00
POL	83	Policy Making in American Government	3.00
HPA	12	Citizenship & Community	3.00
HPA	11	Careers in Public/Social Service	3.00
HPA	15	Resource Allocation in the Public Service	3.00
HPA	30	Critical Issues in Public Administration	3.00

Healthcare Administration Minor Requirements

HAD	10	American Health Systems	3.00
HPA	11	Careers in Public/Social Services	3.00
HPA	14	Financial Management in Health Care	3.00
HPA	18	Research Methods	3.00
PHI	19	Biomedical Ethics	3.00
HPA	20	Computer-based Management Systems	3.00

Information Systems Minor Requirements

CS	101	Introduction to Computers and Programming	3.00
CS	106	Graphical User Interphase Programming	3.00
CS	133	Analysis and Logical Design	3.00
CS	136	Analysis and Information Technology	3.00
CS	229	Foundations of Information Systems	3.00

CS	231	Database Fundamentals or other approved CS elective	3.00
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Computer Science Minor Requirements

CS	101	Introduction to Computers and Programming	3.00
CS	106	Graphical User Interphase Programming	3.00
CS	111	Computer Program Development I (Fall)	3.00
CS	116	Computer Program Development II (Spring)	3.00
CS	127	Introduction to Game Design	3.00
CS	231	Database Fundamentals (Spring) or other approved CS elective	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Minimum Major Credits: 40
 Minimum Requisite Minor Credits: 20
 Minimum Overall GPA: 2.00
 Minimum Major GPA: 2.00

Certificate in Health Information Management

Offered Fully Online

The 30-credit online Certificate in Health Information Management offered by LIU Post is designed for career changers and health care professionals to serve as managers of electronic medical records in hospitals, doctor's offices, nursing homes, insurance companies and other health-related offices. Students currently holding a baccalaureate degree from an accredited institution of higher learning and having completed all pre-requisite coursework will have an opportunity to complete the certificate program in one year (two semesters) full time. A part-time option is available. Upon completion of the program, graduates will be ready to take the national Registered Health Information Administrator (RHIA) examination. The program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM) and also adheres to the standards of the American Health Information Management Association (AHIMA).

The online program adheres to the latest standards and documentation procedures from the federal government, including new coding of medical records and HIPAA guidelines. From the privacy of the home or office, students will gain the necessary skills in health data management; health statistics, biomedical research, and quality management; health services organization and

delivery; information technology and systems; and organization and management.

Method of delivery

(Courses are 100% Online)

The 30 credits of this program are delivered in a completely online format. It is expected that students will be logging into the learning management system on a daily basis to review the material posted and complete all assigned work. This portion is designed as a cohort program that must be completed in one year. A part-time option is available.

Program Requirements

The minimum grade requirement for major courses for enrolled students is C.

To be granted a Certificate in Health Information Management, the student must complete a total of 30 credits.

The curriculum in the Health Information Management Certificate utilizes online, virtual class work and one professional practice experience.

Certificate in Health Information Management

{Program Code: 90293}

Required Health Information Management Courses

HIM	104	Health Information Department	3.00
HIM	104C	Professional Practice Experience I	1.00
HIM	106	ICD Inpatient Coding System	3.00
HIM	106C	Coding Professional Practice Experience	1.00
HIM	108	Regulatory, Compliance, Medical Staff and Hospital Organization	3.00
HIM	110	Reimbursement Methodologies	3.00
HIM	206	CPT Outpatient Coding System	3.00
HIM	210	Computer-based Health Information Systems	3.00
HIM	220	Research Evaluation and Health Information	3.00
HIM	212	Quality Management and Regulatory Agencies	3.00
HIM	213	Organization and Management of a Health Information Department	4.00

Credit and GPA Requirements

Minimum Total Credits: 30
 Minimum Major GPA: 2.00

MEDICAL IMAGING PROGRAM

Phone: 516-299-2743

Fax: 516-299-3081

Email: Post-MedicalImaging@liu.edu

Program Director: Thomas

Clinical Coordinator: Gathy

Associate Professor: Thomas

Assistant Professor: Labos, Raven

Adjunct Faculty: 10

The Medical Imaging Program at LIU Post has been a provider of education in diagnostic imaging since 1973 and is one of only a few programs in the country to offer the entry-level Bachelor of Science (B.S.) degree in Radiologic Technology. Radiologic technologists perform general and specialized studies using computed and digital imaging equipment, computed tomography (CT scan) machines and magnetic resonance imaging (MRI) to provide physicians with images of the skeletal system, organs, tissues and vascular structures of the body. These important diagnostic tests assist physicians detect and treat illness and injury. The B.S. degree in Radiologic Technology is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). LIU Post's faculty members are deeply committed to progressive education in medical imaging and share a dedication to excellence in the pursuit of knowledge.

B.S. in Radiologic Technology

Radiologic technologists are essential members of the health care team who perform diagnostic tests such as mammograms, Magnetic Resonance Imaging (MRI) scans, and Computed Tomography (CT) scans for patients with a variety of illnesses and injuries, from concussion, to osteoporosis, to cancer. They provide images of bones, tissues and organs to help radiologists and other physicians determine the best course of care for patients.

The Bachelor of Science in Radiologic Technology at LIU Post helps fill the growing need for these professionals, many whom go on to specialize in specific diagnostic modalities. The campus has provided education in diagnostic imaging since 1973.

Students must complete a total of 120 credits, including 62 credits prior to entering the major in the liberal arts and sciences, and they enter the professional portion of the program in the fall semester of the junior year. The major course schedule is complemented by general anatomy and physiology or an elective course in the student's area of interest.

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 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.

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 My LIU or by using the Apply Now button in the upper right-hand corner of this page. For more information on the application process, visit the Admissions Office home page.

Admission requirements include the following:

- **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.
- **Transfer students** must have completed more than 24 college credits. A minimum college GPA of 2.0 is required for application review. If you have completed fewer than 24 credits, you must also submit high school transcripts and SAT/ACT scores.

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. 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 in the fall semester of their junior year. Freshmen and transfer students desiring to enter the program must have completed 62 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 2.5 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 algebra or higher), and a basic computer course prior to starting the program. All applicants must complete and submit written documentation of six hours of observation in a hospital or office setting.

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. in Radiologic Technology

{Program Code: 07045}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Radiologic Technology must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits

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

RDT 103	Methods Of Patient Care	3.00
RDT 103L	Venipuncture/Patient Care Lab	0.00
RDT 105	Principles Of Radiation Protection	3.00
RDT 116	Radiographic Pathology	3.00
RDT 118	Breast Imaging	1.00
RDT 120	Medical Language	3.00
RDT 121	Quality Assurance and Quality Control	1.00
RDT 123	Pharmacology	1.00
RDT 125	Radiation Physics	3.00

RDT 144	Computed Tomography	3.00
RDT 145	Magnetic Resonance Imaging	3.00
RDT 147	Principles in Medical Imaging I	3.00
RDT 147L	Principles in Medical Imaging I Laboratory	0.00
RDT 148	Principles of Medical Imaging II	3.00
RDT 155	Medical Imaging Procedures I	4.00
RDT 155L	Medical Imaging Procedures I Laboratory	0.00
RDT 156	Medical Imaging Procedures II	4.00
RDT 156L	Medical Imaging Procedures II Laboratory	0.00
RDT 157	Medical Imaging Procedures III	4.00
RDT 170	Medical Imaging Capstone Seminar	3.00
RDT 180	Advanced Topics in Digital Imaging	3.00
RDT 200	Introduction to Clinical Practice	1.00
RDT 201	Medical Imaging Practicum I	1.00
RDT 202	Medical Imaging Practicum II	2.00
RDT 203	Medical Imaging Practicum III	3.00
RDT 204	Medical Imaging Practicum IV	3.00

Required Co-related Courses

BIO 7	Human Anatomy and Physiology I	4.00
BIO 8	Human Anatomy and Physiology II	4.00
BIO 9	Gross Primate Anatomy	3.00
BIO 10	Primate Sectional Anatomy	3.00

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:

HSC 101	Introduction to Health Professions	3.00
BIO 103	General Biology I	4.00
BMS 211	Pathophysiology I	3.00

CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
HPA 20	Computer-Based Management Systems	3.00
MTH 7	Calculus and Analytic Geometry I	4.00
MTH 8	Calculus and Analytic Geometry II	4.00
PHY 3	University Physics I	4.00
PHY 4	University Physics II	4.00
SOC 20	Sociology of Aging	3.00
SOC 21	Sociology of Health & Illness	3.00

Students in the Medical Imaging program typically need a minimum of 11 elective credits

Credit and GPA Requirements

Minimum Total Credits: 120

Minimum Liberal Arts Credits: 62

Minimum Major Credits: 58

Minimum Overall GPA: 2.0

Minimum Major GPA: 2.0

PRE-PHARMACY PROGRAM

The Pre-Pharmacy Program is designed to prepare qualified students to enter the LIU Pharmacy program at LIU's Brooklyn campus. The program consists of a six year curriculum leading to a Pharm.D. degree and is separated into two phases:

- Pre-professional (Pre-Pharmacy) Phase - two years of study to be completed at LIU Post
- Professional Phase - four years of study to be completed at LIU

Admission to the LIU Pharmacy program is offered to students of scientific aptitude whose prior academic performance indicates that they are capable of successfully completing a challenging profession-oriented curriculum. Successful completion of two years of pre-professional study (P-1 and P-2) in the basic sciences, mathematics and humanities provides the foundation for admission to the professional pharmacy curriculum. Students may enter the pre-professional phase (P1, P2) of the PharmD program through two pathways based on the strength of the applicant's application:

Early Assurance

Early assurance guarantees admission into the first professional year (P3) provided all progression requirements are met. There is no need to apply through the Pharmacy College Application Service (PharmCAS). Students offered a guaranteed seat in the professional phase are expected to satisfy all of the prerequisite classes for entry into the Pharm.D. program with a minimum cumulative grade point average of 3.25 in all course work, a math/science grade point average of 3.25 and a grade of at least a "C-" in each prerequisite class; participate in the academic advising and career

seminar programs provided by the pre-pharmacy advisors at LIU; participate in community service for at least 20 hours per year, and successfully complete an on-site interview during the second year of pre-professional phase.

Regular Entry

Regular pre-professional phase (P1, P2) admission does not constitute acceptance to the professional year (P3). Applicants must apply for admission into the professional phase through PharmCAS. Acceptance to the professional phase of the program is competitive. Qualified candidates from the preprofessional phase who start as first-year students, who have a minimum cumulative 3.00 GPA overall and in the required math and science courses, and who complete all preprofessional courses no later than the end of the spring semester for the next fall semester professional class will receive a preference for consideration of admission into the professional program. The preference is expressed as a weighting factor that is part of the analysis done of the other components of the admission selection process.

Students not accepted into the Pharmacy Program at LIU Brooklyn may continue at LIU Post as Biomedical Sciences, Health Information Management, Medical Imaging, Biology, Chemistry or Physics majors (or other appropriate fields).

For students that seek to secure placement in other Pharmacy programs outside of LIU, additional pre-requisite courses may be required. The undergraduate classes required for admission into a pharmacy degree program vary significantly from one institution to the next. Due to the variations in admission requirements and procedures among the colleges and schools of pharmacy, it is advisable to research different pharmacy programs. Visit the pharmacy school websites for course requirements. School specific information is also available on the PharmCAS site and in the American Association of Colleges of Pharmacy (AACP) annual publication, "Pharmacy School Admission Requirements." These publications can be found at <http://www.aacp.org/resources/student/pharmacyforyou/admissions/Pages/PSAR.aspx>

Pre-requisite course for some Pharmacy schools may also include:

CHM	71	Basic Biochemistry	4.00
MTH	19	Basic Statistics	3.00
PHY	4	University Physics II	4.00

Admission Requirements

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT score of at least 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.

- **Transfer students** would benefit from applying directly to LIU Pharmacy located at LIU Brooklyn.

For additional information, please contact:
 Dr. Marci Swede
 Chairperson, Department of Health Sciences
 School of Health Professions and Nursing
 LIU Post
 Life Sciences, Room 2
 720 Northern Blvd.
 Brookville, N.Y. 11548-1300
 Phone: 516-299-2743
 E-mail: Post-Health_Sciences@liu.edu

Students should consult with the admissions requirements of those schools. Students who matriculate into another LIU Post degree program will be required to take additional courses to satisfy core requirements.

Successful completion of two years of pre-professional study in the basic sciences, mathematics and humanities provides the foundation for admission to the professional pharmacy curriculum. Completion of these requirements by current LIU students does not guarantee admission.

Pre-Professional Program (P-1 and P-2)

This curriculum is based on the existing LIU Pharmacy requirements. Please consult your academic advisor for updated information regarding these requirements.

**Pre-Pharmacy Core Requirements
 Pre-Pharmacy 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
CHM	3	Principles of Chemistry I	4.00
CHM	4	Principles of Chemistry II	4.00
CHM	21	Organic Chemistry I	4.00
CHM	22	Organic Chemistry II	4.00
MTH	7	Calculus and Analytic Geometry I	4.00
PHY	3	University Physics I	4.00

General Education Courses

POST	101	Post Foundations	1.00
ECO	10	Introduction to Microeconomics	3.00
ENG	1	Writing I: Composition and Analysis	3.00
ENG	2	Writing II: Research and Argumentation	3.00

ENG	7	Western Literature:From Antiquity to the Renaissance	3.00
ENG	8	Western Literature: From the Enlightenment to the Present	3.00
PSY	1	General Psychology I	3.00

And

Two of the following HIS or PHI courses (PHI 8 to 37 only)

PHI 19 is strongly recommended by advisement (6 credits):

HIS	1	The West and the World to 1750	3.00
HIS	2	The West and the World Since 1750	3.00
PHI	8	Introduction to Philosophy	3.00
PHI	13	Ethics and Society	3.00
PHI	14	Introduction to Critical Reasoning	3.00
PHI	16	The Philosophy of Art and Beauty	3.00
PHI	18	Social and Political Philosophy	3.00
PHI	19	Biomedical Ethics	3.00
PHI	20	Faith, Reason, and Spirituality	3.00
PHI	21	Literature as Philosophy	3.00
PHI	25	The Birth of Philosophy in the Ancient World	3.00
PHI	26	Origins of Modern Philosophy	3.00
PHI	27	Philosophy of History	3.00
PHI	28	Environmental Philosophy	3.00
PHI	29	Dreams and the Philosophy of the Unconscious	3.00
PHI	30	Existentialism: Philosophy in the Age of Anxiety	3.00
PHI	31	19th-Century Philosophy: From the End of History to the Death of God	3.00
PHI	33	Philosophy and Film	3.00
PHI	34	Philosophies of Love and Sex	3.00
PHI	35	Justice	3.00
PHI	37	The American Philosophical Revolution	3.00

GPA Requirement

Minimum Overall GPA: 3.00

PRE-RESPIRATORY CARE PROGRAM

The Pre-Respiratory Care Program leads to a Bachelor of Science degree in Respiratory Care and can be completed in four years: two years at the LIU Post campus and two years at the LIU Brooklyn campus which is within walking distance of the LIRR station in Brooklyn. Qualified students will be admitted into the Respiratory Care major. Admission is competitive (GPA 2.50 and C+ grades or higher in Math and Science courses) and students should apply by contacting the program at LIU Brooklyn.

Completion of these requirements by current LIU students does not guarantee admission. Students not accepted into the specialty of Respiratory Care may continue at LIU Post as Biology, Chemistry, Biomedical Sciences, Health Information Management, Health Sciences, Radiologic Technology or Social Work majors (or other appropriate fields). Students who matriculate into another LIU Post degree program will be required to take additional courses to satisfy core requirements. Students should consult with the admissions requirements of those schools.

Students who are Registered Respiratory Therapists (R.R.T.) by the National Board for Respiratory Care (NBRC) are exempt from clinical experience and may receive up to 21 credits for life experience. Those students who are Certified Respiratory Therapists (CRT) by the NBRC may be exempted from some courses depending upon evaluation of their transcripts. Students transferring from Respiratory Care programs at another college or university may receive transfer credit for courses. Students are required to be resident in the major by taking 15 credits in Respiratory Care and at least 32 credits at LIU Brooklyn.

ADMISSION REQUIREMENTS

- **Incoming freshmen** must have a solid B average (3.0 or 82-85 grade point average) and an average SAT score of at least 1000 (Critical Reading and Math combined) or ACT Composite of 20 or above.
- **Transfer students** may benefit from applying directly to the School of Health Professions located at LIU Brooklyn.

For additional information, please contact:

Dr. Marci Swede
 Chairperson, Department of Health Sciences
 School of Health Professions and Nursing
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PRE-RESPIRATORY CARE PROGRAM

REQUIREMENTS

Pre-Respiratory Care Core Requirements (69-70 credits)

Pre-Respiratory Care Courses (45 credits):

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
CHM	3	Principles of Chemistry I	4.00
CHM	4	Principles of Chemistry II	4.00
HIM	52	Medical Terminology	3.00
MTH	3	College Algebra and Trigonometry2	4.00
MTH	19	Basic Statistics	3.00
ORC	17	Speech Communication in Organizations	3.00
PHY	11	College Physics I	4.00

General Education Courses (18-19 credits):

POST	101	POST Foundations (freshmen only)	1.00
ENG	1	Composition	3.00
ENG	2	Composition: Argument and Analysis	3.00
ENG	7	Western Literature: Classical, Medieval, Renaissance	3.00
ENG	8	Western Literature: Enlightenment to Modern	3.00
PSY	1	General Psychology I	3.00
SOC	1	Introduction to Sociology	3.00

Two of the following HIS or PHI courses (PHI 8 to 37 only)

PHI 19 is strongly recommended by advisement (6 credits):

HIS	1	Western Civilization to the 18th Century	3.00
HIS	2	Western Civilization since 1789	3.00
HIS	8	Beginning Philosophy	3.00
PHI	13	Human Values	3.00
PHI	14	Symbolic Logic	3.00
PHI	16	The Philosophy of Art	3.00

PHI	18	Social and Political Philosophy	3.00
PHI	19	Biomedical Ethics	3.00
PHI	20	Faith, Reason, and Spirituality	3.00
PHI	21	Literature as Philosophy	3.00
PHI	25	The Birth of Philosophy in the Ancient World	3.00
PHI	27	Philosophy of History	3.00
PHI	28	Environmental Philosophy	3.00
PHI	29	Dreams and the Philosophy of the Unconscious	3.00
PHI	30	Existentialism: Philosophy in the Age of Anxiety	3.00
PHI	31	19th Century Philosophy: From the End of History to the Death of God	3.00
PHI	33	Philosophy and Film	3.00
PHI	34	Philosophies of Love and Sex	3.00
PHI	35	Justice	3.00
PHI	37	The American Philosophical Revolution	3.00

* CHM 3 - One semester of Inorganic Chemistry is required; two semesters (CHM 3 & CHM 4) are recommended.

** The MTH 3 (College Algebra and Trigonometry) course satisfies the minimum pre-respiratory care mathematics requirement. Consult your advisor for a list of additional advanced courses which may be substituted in this plan. Students who matriculate into another LIU Post degree program will be required to take additional courses to satisfy core requirements. Students should consult with the admissions requirements of those schools.

Credit and GPA Requirements

Minimum Total Credits: 70
 Minimum Major Credits: 45
 Minimum Overall GPA: 2.5
 Minimum Major GPA: 2.75

Freshman Year

Course	Credits
POST 101 ***	1
BIO 7, 8	8
BMS 90	4

HIS	1**	3
ENG	1, 2	6
MTH	3	4
ORC	17	3
PHI	19 **	3
SOC	1	3
		Total 35

*** (not required for transfer students)

Sophomore Year

Course		Credits
BIO	103	8
	104	
CHM	3*, 4	8
ENG	7, 8	6
HIM	52	3
MTH	19	3
PSY	1	3
PHY	3	4
		Total 35

**Mathematics 3 is a pre-requisite for Chemistry 3. CHM 3 is required; CHM 4 is recommended.*

***Students must take both History 1 and History 2 or any two courses from Philosophy 8 through 37. The following philosophy courses are particularly recommended for students in the pre-pharmacy program: PHI 8, PHI 13, PHI 14, PHI 18, PHI 19.*

HEALTH SCIENCE MINORS

Healthcare Coding and Reimbursement

**Minor in Healthcare Coding and Reimbursement Requirements
Required Health Information Management Courses**

HIM	52	Medical Terminology	3.00
HIM	104	Health Information Management and Systems	3.00
HIM	106	ICD Inpatient Coding System	3.00
HIM	110	Reimbursement Methodology	3.00
HIM	206	CPT Outpatient Coding System	3.00
HIM	210	Computer-based Health Information Systems	3.00

Credit and GPA Requirements

Minimum Total Credits: 18
Minimum Minor GPA: 2.0

Healthcare Data Management

Minor in Healthcare Data Management Requirements

Required Health Information Management Courses

HIM	104	Health Information Management and Systems	3.00
HIM	110	Reimbursement Methodology	3.00
HIM	210	Computer-based Health Information Systems	3.00
HIM	212	Quality Improvement	3.00
HIM	220	Health Informatics Research Methods and Evaluation	3.00

Credit and GPA Requirements

Minimum Total Credits: 15
Minimum Minor GPA: 2.0

Health Sciences Courses

Health Information Management Courses

HIM 52 Medical Terminology

This course introduces the student to medical terminology based on an understanding of human body systems and their interaction, meanings of combining forms, suffixes and prefixes. Students gain the ability to define, build and interpret medical terms. Mode of instruction: Online format.

Credits: 3

Every Fall and Spring

HIM 54 Statistics and Research for Health Information Manager

This course assists the student in understanding and interpreting numerical data. Topics covered include: descriptive statistics, regression, correlation, sampling techniques and elements of inferential statistics.

Credits: 3

On Demand

HIM 104 Health Information Department

This course provides the student with the knowledge necessary to function in a manual or electronic environment within the Health Information Management field. This includes a discussion of the historical development of medical care, and defining primary and secondary health information. The student learns to analyze, abstract and assess the timeliness and quality of health care data. Instruction on filing systems and controls is also included. Mode of instruction: Online format.

HIM Milestone required.

Credits: 3

Every Fall

HIM 104C Professional Practice Experience I

This is a supervised learning experience to develop understanding, skill and insight into medical procedures; develop awareness of the confidential nature of information given by the patient to the physician; and to observe interaction among departments.

Co-requisite of HIM 104 is required.

Credits: 1

Every Fall

HIM 106 ICD Inpatient Coding System

Purposes and methods of classifying diseases and operations; differences between nomenclature and classification systems ICD-10-CM Coding; other systems of classification and the value of indexes and registers are emphasized. Appropriate methods of supervising ICD-10-CM coding are achieved through actual training in the coding process. Mode of instruction: Online format.

Pre requisites: BIO 7& 8 and (HIM 107 or NUR 99 or BMS 211)

Credits: 3

Every Spring

HIM 106C Coding / Virtual Lab Professional Practice Experience

This is a Virtual Lab PPE designed to provide students with practical experience in the HIM competencies and domains that focus on skill building and practical application theory including ICD-10 coding using EHR systems. This course contains independent projects and exercises that foster critical thinking and use of data analytic and decision support skills. All instructions and assignments are in the AHIMA Virtual Lab.

Instructions and login information to the virtual lab are provided to students who are enrolled in this course on the first day of class. Mode of instruction: Online format.

Prerequisite of HIM 104 is required.

Credits: 1

Every Spring

HIM 107 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.

Cross-referenced with BMS 20.

Prerequisites of BIO 7 & 8 are required.

HIM 108 Regulatory, Compliance, Medical Staff and Hospital Organization

This course is a comprehensive overview of the fundamental laws and regulations applicable to healthcare organizations and staffs. It focuses on the impact of government regulations and compliance of healthcare facilities and medical staff. Areas to be emphasized in this course include a general introduction to health law, legal environment of healthcare organizations, the impact of healthcare laws and regulations on administrative decisions making and medical staff roles and responsibilities. Other topics include but not limited to: legal health records, HIPAA privacy and security rules, security threats and controls, access/use/disclosure of health care data, information integrity and data quality, and corporate compliance policies and procedures. The structure of health care facilities is also presented and includes medical staff and physician extenders roles and responsibilities. Virtual lab will be used for experiential learning. Mode of instruction: Online format.

Co-requisite of HIM 104 is required.

HIM 109 Legal Aspects of Health Care

This course considers the importance of law and regulations in the administrative process. Areas to be emphasized in this course include a general introduction to the law, 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 examined. An attempt is made to acquaint the student with critical legal issues that are faced by managers. Cross-referenced with HPA 13.

Prerequisite of HIM 104 is required.

Credits: 3

Annually

HIM 110 Reimbursement Methodologies

This course is designed to familiarize students with the basics of healthcare reimbursement methodologies and revenue cycle management. The various types of prospective payment systems (PPS) used in health care reimbursement are discussed. Students examine the various voluntary healthcare insurance plans and government sponsored healthcare programs. Reimbursement concepts include fee-for-service, managed care, capitation systems, Diagnosis-Related Groups (DRGs), Medicare-severity diagnosis-related group (MS-DRG), Resource Based Relative Value Scale (RBRVS), Ambulatory Payment Classifications (APCs), and other related concepts. The description and use of the charge master in reimbursement will be discussed. The importance of compliance with regulations and the related issues of fraud and abuse will also be addressed. The Patient Protection and Affordable Care Act (ACA) will also be discussed. Mode of instruction: Online format.

Credits: 3

Every Fall

HIM 206 CPT Outpatient Coding System

This course emphasizes the unique coding requirements in the D.R.G. environment (Diagnosis Related Groups). The student learns to code procedures utilizing the CPT-4 coding methodology. Coding supervision is emphasized as well as coding TQM (Time Quality Management). Mode of instruction: Online format

Pre requisites: BIO 7& 8 and (HIM 107 or NUR 99 or BMS 211)

Credits: 3

Every Fall

HIM 210 Computer-based Health Information Systems

This course is a comprehensive review of health information systems. Establishment of a health information system is outlined in addition to a detailed analysis of patient care, administration, and research subsystems. Mode of instruction: Online format.

Prerequisites: HIM 104 and BMS 40, or CLA 6 or CLA 29 or CS 231 or HIM 53.

Credits: 3

Every Spring

HIM 211 Health Information in Non-Hospital Settings

This online course is a survey of the problem oriented medical system and health Information Management practices in different healthcare settings other than hospitals. Information systems for ambulatory care, home health and hospice care,

Long-term care, psychiatric and behavioral healthcare will be explored. Record maintenance and documentation processes for reimbursement, regulations and accreditation standards are addressed. HIPAA Privacy and Security practices and challenges will also be explored. Virtual lab will be used for experiential learning. Mode of instruction: Online format.

Co-requisite of HIM 104 is required.

Credits: 3

Every Spring

HIM 212 Quality Management and Regulatory Agencies

This course is a comprehensive review of the evolution of Quality Improvement in the Health Care field. It provides a fundamental concepts of quality improvement in healthcare systems and the essential tools to measure and analyze a system, evaluate problems, and implement necessary changes to improve system performance. It introduces concepts of quality control in health care settings. The first part deals with the internal systems for setting standards, as well as measuring quality and professional accountability. The second part of the course covers external review agencies such as IPRO and JC. You will be studying system model theory and utilize critical thinking to evaluate and create changes in healthcare organization to improve patient care, patient safety, and other essential organizational services. There are writing assignments and discussions that are crucial to the successful completion of the course. We will also be working with health statistics and creating different modes of displaying data in EXCEL. Mode of instruction: Online format.

Co-requisite: HIM 108

Credits: 3

Every Spring

HIM 213 Organization and Management of a Health Information Department

This senior seminar utilizes case studies, case problems and examples; the student applies the basic health information science principles through the management process. Prerequisite: All HIM courses or permission of instructor. This course utilizes the AHIMA virtual hospital laboratory environment to integrate the practical application of the theoretical management techniques employed by health information administrators. Mode of instruction: Online format.

Prerequisite or Corequisite: HIM 108, HIM 110, MAN 11 and HIM 213R

Credits: 4

Every Spring

HIM 213C Directed Practicum

Practical applications of concepts learned in the didactic setting are provided in a supervised learning experience. 120 hours.

Prerequisite or Co-requisite of HIM 213 is required.

Credits: 3

On Demand

HIM 213R RHIA Capstone

This is an exam preparation course designed to help senior level HIM students to prepare for their national RHIA exam. This course will run together as a co-requisite with HIM 213.

Prerequisite or Co-requisite of HIM 213 is required.

Credits: 0

Every Spring

HIM 220 Research, Evaluation and Health Informatics

This course provides students with a foundation in the types, methods, and presentation of health information research, as well as a review of basic descriptive and inferential statistics used when conducting research with large amounts of structured health data. The course will cover the basic theoretical principles of health informatics research, the rules of medical ethics and the role of the Institutional Review Board (IRB). Students will learn various research designs and models as well as different methods of data collection and analysis. This course will culminate in health informatics research project using online clinical health databases and current statistical applications such as SAS and Tableau.

Pre requisites: MTH 19, HIM 104, CLA 29 and CS 231

Credits: 3

Every Spring

Health Science and Pharmacy

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 to various professions in the health care field. Students will be exposed to an overview of health care systems and major aspects of health care delivery. Students will understand health care priorities on the national and local level. Various health careers will be reviewed with a goal to understand underlying qualities and characteristics of health professions and professional behavior, related values, interests

and ethics. In addition, students can begin to explore health career options based on an understanding of professional tasks, skills, tools and technology, abilities, work activities, work context/environment and educational, training and legal requirements. In addition, the course will provide an introduction to medical terminology, as well as library skills. Students will also be required to create a professional resume that may be used for future opportunities.

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 professions such as social work, physician assistants, physical therapy, medicine and all related healthcare professions. The course is focused on four domains critical to successful health care: the practitioner/patient (client) relationship, the practitioner/practitioner (interdisciplinary team) relationship, the practitioner-community (community of care) relationship and the practitioner-self relationship. It emphasizes the need to attune to and act on the narratives of suffering and strengths of those who seek care as well as all others involved in caregiving, including the clinician, for effective practice of healthcare. 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. This can include topics ranging from human disease and pathologies

to current event 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 and its extensions and exceptions. Students will then be exposed to current advances in the understanding of various human genetic disorders including cancer, immunological diseases, the genetics of aging and others and the strategies for studying such diseases. Students will explore these topics through lectures, classroom discussion, reviewing current research and hands-on activities. The ethical implications of genetic testing and genetic therapies will be discussed. 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 possibilities and processes of professional life in pharmacy. Utilizing a social/historical approach, the seminar provides a survey of the development of pharmacy practice since the emergence of scientific medicine through the current pharmaceutical-care movement. Students will be introduced to ethical foundations, regulation, drug discovery and development, and other contemporary issues facing the profession. The various roles and career pathways available to pharmacists will also be examined. The seminar also provides a support system for the preprofessional student and a source of information about the requirements, responsibilities and attitudes necessary for success in the professional phase of the program. One lecture hour.

Credits: 1

Every Fall and Spring

Radiologic Technology Courses

RDT 103 Methods Of Patient Care

Designed to provide 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.

Co-requisite 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 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 155 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 121 Quality Assurance and Quality Control

Concepts and benefits of quality assurance and control programs. Introduction to the evaluation of radiographic systems to assure consistency in the production of quality images. Identifies components, tests, procedures and the agencies involved in regulating, inspecting and enforcing guidelines.

Prerequisite of RDT 148 is required.

Credits: 1

Every Fall

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: 1

Every Spring

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.

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.

Co-requisite of BIO 9 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.

Co-requisite of BIO 10 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: 3

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.

Credits: 3

Every Spring

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.

Pre-requisites of BIO 7 and 8 and Co-requisites 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 156L 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 and Co-requisite of BIO 9 are required.

Credits: 4

Every Fall

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.

Co-requisite of RDT 204 is required.

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 148 and Co-requisite of RDT 144 are 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. The student has the opportunity to apply theories and knowledge acquired in the classroom and laboratory in a clinical setting. The student also assumes a more active role in performing procedures.

Co-requisite of RDT 103 and RDT 105 are 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.

Prerequisite of RDT 200 is 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).

Prerequisite of RDT 201 is required.

Credits: 2

Every Summer

RDT 203 Medical Imaging Practicum III

A continuation of the two previous practica where students continue to improve skills in all routine and contrast medical imaging procedures under the supervision of a registered licensed technologist. The student will be introduced to more advanced projections as well as principles of skull imaging.

Prerequisite of RDT 202 is required.

Credits: 3

Every Fall

RDT 204 Medical Imaging Practicum IV

An opportunity for the student to improve skills in the areas of general, contrast, advanced and skull imaging at the assigned medical center under close supervision. An introduction to specialty areas such as Computed Tomography, Magnetic Resonance Imaging and Advanced Special and Angiographic Imaging.

Prerequisite of RDT 203 is required.

Credits: 3

Every Spring

RDT 259 Clinical Experience Practicum X

Students, under supervision, continue their clinical experience in advanced Diagnostic Imaging Procedures.

Credits: 1 to 3

Every Semester

RDT 281 Principles Of MRI I

This introductory course will familiarize the student with the basic physics of Magnetic Resonance Imaging emphasizing the historical development of MRI, electricity and magnetism, atomic structure, the hydrogen atom, precession, resonance, signal induction, tissue contrast characteristics, generation and encoding the MR signal, pulse sequences, pulse sequence charting, instrumentation, and artifacts.

Credits: 3

On Occasion

RDT 282 Principles of MRI II

This introductory course will familiarize the student with the basic physics of Magnetic Resonance Imaging emphasizing the historical development of MRI, electricity and magnetism, atomic structure, the hydrogen atom, precession, resonance, signal induction, tissue contrast characteristics, generation and encoding the MR signal, pulse sequences, pulse sequence charting, instrumentation, and artifacts.

Prerequisite of RDT 281 is required.

Credits: 3

On Occasion

RDT 283 MRI Laboratory

This course is designed as a precursor or cohort course to a clinical internship in MRI. Through discussion, lecture, films, and workstations, students will learn the basics of patient positioning, coil selection, common protocols for specific pathologies, cross-sectional anatomy, artifacts, motion suppression techniques, the use of contrast material, appropriate uses of scanning options and sequence parameters for imaging procedures including head and neck, spine, thorax, abdomen, pelvis, musculoskeletal and vascular imaging. Students will also be introduced to advanced imaging techniques such as breast imaging and cardiovascular imaging.

Prerequisite of RDT 281 is required.

Credits: 3

On Occasion

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.

Credits: 3

On Occasion

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.

Credits: 2

On Occasion

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.

Credits: 2

On Occasion

RDT 287 MRI Capstone Seminar

This course provides an opportunity for students to prepare for the Advanced Registry in MRI by creating an environment similar to the registry and an opportunity for review. Each session will provide a mock exam on the selected topic, as well as a review of the exam, with ample opportunities for questions and answers.

Prerequisite of RDT 284 is required.

Credits: 2

On Occasion

DEPARTMENT OF NURSING

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Chair: Dr. Mary Infantino

Acting Director of Undergraduate Nursing

Program: Dr. Laura Prager

Director of Family Nurse Practitioner (FNP)

Program: Dr. Susan Marks

Acting Director of Family Nurse Practitioner

(FNP) Program: Prof. Daniel Jacobsen

Director/Director Nursing Education Program: Dr.

Waitline Williams

Clinical Field Coordinator, FNP Program: Prof.

Daniel Jacobsen

Associate Professors: Infantino, Messina

Assistant Professors: Darcy, Jacobson, Marks,

Olivieri, Prager, Williams

Emerita: Dr. Amy Wysoker

Adjunct Faculty: 20

The Department of Nursing offers a Commission on Collegiate Nursing Education (CCNE) accredited program leading to the Bachelor of Science degree in Nursing exclusively for registered nurses. Through baccalaureate education, the Registered Nurse (RN) student is provided with an opportunity for advancement in professional nursing practice. The graduate is also provided with a foundation in liberal arts, the humanities, sciences, and nursing as a basis for post-baccalaureate education. The Department of Nursing offers a comprehensive range of undergraduate courses that prepare nurses to become strong, effective leaders who excel in compassionate care and management.

The Department of Nursing also offers the Bachelor of Science in Nursing which 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 major courses throughout the four years.

B.S. in 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 major courses throughout the four years. Students complete the program in eight full-time consecutive semesters, in four academic 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.

ADMISSION REQUIREMENTS

The licensure-qualifying four-year Bachelor of Science in Nursing is open to both freshman and transfer students.

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 field work will result in the inability to meet program objectives and outcomes. Inability to meet objectives and outcomes may result in your failure to complete the program requirements, thus requiring your withdrawal from the program. In addition, the presence of a criminal conviction may also prevent your completion of the required state or federal licensure, certification or registration process.

Applicants for admission to LIU Post as nursing majors are required to possess:

Incoming Freshman:

A B average (3.0 or 80 grade point average) and an average SAT score of 1000 (Critical Reading and Math combined) or ACT Composite of 21 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 GPA of 3.0 in all pre-requisite coursework completed prior to 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 credits for liberal arts and sciences courses taken at other colleges or universities will be evaluated individually. A total of up to 72 credits (including the 28 credits of nursing) can be

transferred to LIU Post from associate degree programs and up to 96 credits from baccalaureate programs. Nursing courses from other institutions may not transfer in to the Bachelor of Science in Nursing. Any completed prerequisite/co-requisite course work (i.e., anatomy and physiology, chemistry, genetics, microbiology, 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.

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 may result in dismissal from the 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 Assessment Technology Institute (ATI). The TEAS V will serve as a predictor for nursing student academic success. The required passing level for the TEAS V exam is "Proficiency."

Students are required to demonstrate "Proficiency" in the TEAS V within *one (1) year* of the official admission date to the LIU Post Bachelor of Science in Nursing program to remain in the program. TEAS test scores have been found to be a statistically significant predictor of early nursing program success (Bremner, Blake, Long & Yanosky, 2014; McCarthy, Harris & Tracz, 2014). Students who fall below this level will be given the opportunity 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

B.S. in Nursing

(Program Code: 37706)

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Nursing must satisfy all core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits

Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	3 credits (satisfied in major)
Social Sciences	6 credits (PSY 1 and 25)

For a more detailed listing of these requirements, see the Undergraduate 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 1	General Psychology I	3.00
PSY 25	Developmental Psychology	3.00

Choose one of the following:

BIO 121	Human Genetics in Health and Disease	3.00
BMS 211	Introduction to Disease Processes	3.00

Choose one of the following:

BIO 250	Microbiology	4.00
BMS 90	Microbiology in Health Sciences	4.00

B.S. in Nursing (four year program) Requirements

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	Pharmacotherapeutics	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

Credit and GPA Requirements

Minimum Total Credits: 121
 Minimum Liberal Arts Credits: 60
 Minimum Major Credits: 61
 Minimum Major GPA = 3.0
 Minimum Overall GPA = 3.0

B.S. in Nursing (For RN'S Only)

The LIU Post Department of Nursing offers the Bachelor of Science degree in Nursing exclusively for Registered Nurses. This upper-division 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 professional issues, research, management, human growth and development, communication, pathophysiology, health assessment and family and community nursing. Students also take required liberal arts and sciences courses as well as other courses related to their major.

Courses are offered on flexible day and evening schedules to meet the needs of the working nurse seeking to complete their baccalaureate degree. The nursing courses build on the knowledge and experience that registered nurses already possess as graduates of diploma and associate degree

nursing programs. LIU Post offers a wide range of courses in liberal arts and sciences to enhance and broaden your nursing expertise. Classes with your peers in an atmosphere of respect for the needs of the adult learner make returning to school a positive experience.

ADMISSION REQUIREMENTS

The Bachelor of Science in Nursing is open to Registered Nurses only. Applicants are considered "transfer students." Graduates of associate degree programs in nursing transfer credits for their previous nursing education as noted below and graduates of diploma schools receive 28 credits of advanced standing toward the degree.

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 (including the 28 credits of nursing) can be transferred to LIU Post from associate degree programs and up to 96 credits from baccalaureate programs. A total of 120 credits are needed for graduation with the Bachelor of Science in Nursing.

Applicants for admission to LIU Post as nursing majors are required to possess:

1. a New York State Registered Nurse license
2. an Associate Degree or Diploma in nursing
3. a minimum overall GPA of 3.0
4. International students are also required to achieve a minimum Test of English as a Foreign Language (TOEFL) score of 90 Internet-based (a minimum listening score of 22 is also required); 225 Computer-based; or 563 Paper-based. IELTS of 7.0 or above is also acceptable.

Applicants who have taken but have not received notification of having passed the RN-NCLEX exam may be admitted to LIU Post as limited matriculants.

Applicants who received their licensure or degree from outside of the United States may be admitted to LIU Post after appropriate evaluation of degree and prior coursework.

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 may result in dismissal from the program.

B.S. Nursing (RN's Only)

{Program Code: 00193}

Core Requirements

As an upper division B.S. in Nursing program, the Core Requirements may have been met by

associate degree requirements completed in becoming a licensed New York State Registered Nurse. Please consult your advisor for more information.

In addition to all major requirements, students pursuing the B.S. in Nursing must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	3 credits (satisfied in major)
Social Sciences	6 credits (PSY 1 and 25)

For a more detailed listing of these requirements, see the Undergraduate Core Curriculum section of this bulletin.

Major Requirements

THIS UPPER DIVISION PROGRAM IS OPEN ONLY TO NEW YORK STATE REGISTERED NURSES (R.N.). PROOF OF N.Y.S. R.N. LICENSE IS REQUIRED.

Required Courses

NUR 79	The Philosophical and Conceptual Basis of Nursing	3.00
NUR 81	Issues in Professional Nursing	3.00
NUR 160	Health Assessment	5.00
NUR 160C	Health Assessment (Practicum)	0.00
NUR 86	Family Health Nursing Theory	3.00
NUR 86L	Family Health Nursing Clinical	1.00
NUR 86S	Family Health Nursing Seminar	0.00
NUR 90	Management, Leadership and Nursing	3.00
NUR 91	Communication and Group Skills for the Health Care Setting	3.00
NUR 230	Public Health Nursing	4.00
NUR 230C	Public Health Nursing (Practicum)	0.00
NUR 400	Nursing Research & Evidence-Based Practice	3.00

Elective Nursing Courses (6 credits):

NUR 85	Health Assessment	2.00
NUR 85L	Health Assessment Lab	2.00
NUR 95	Integrative Nursing Practice	1.00 or 2.00
NUR 99	Pathophysiology	3.00
NRS 110	Nursing Informatics	3.00
NUR 140	Nutrition in Nursing	3.00
NUR 150	Pharmacotherapeutics	3.00

Required Co-Related Courses List 1

BIO 7	Human Anatomy and Physiology I	4.00
BIO 8	Human Anatomy and Physiology II	4.00
PSY 1	General Psychology I	3.00
PSY 25	Developmental Psychology	3.00

Required Co-Related Courses List 2

One of the following:

BIO 250	Microbiology	4.00
BMS 90	Microbiology in Health Sciences	4.00

Required Co-Related Courses List 3

One of the following:

BIO 121	Human Genetics in Health and Disease	3.00
HSC 221	Topics in Human Genetics	3.00

Required Co-Related Courses List 4

One of the following:

CHM 1	Introduction to Forensic Chemistry I	4.00
CHM 2	Introduction to Forensic Chemistry II	4.00
CHM 3	Principles of Chemistry I	4.00
CHM 4	Principles of Chemistry II	4.00
CHM 6	Chemistry of Life	4.00
CHM 21	Organic Chemistry I	4.00
CHM 22	Organic Chemistry II	4.00
CHM 25	Basic Organic Chemistry	4.00
CHM 71	Basic Biochemistry	4.00

Required Co-Related Courses List 5

One of the following:

MTH 19	Basic Statistics	3.00
MTH 41	Biostatistics	3.00

Elective Social Science Course

One course from the following areas listed may be required:

ANT	Any Elective Anthropology course
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SOC	Any Elective Sociology course
GGR	Any Elective Geography course
PSY	Any Elective Psychology course

Electives: Courses that are not being used to satisfy major or core requirements. There may be 2 credits in electives which result from transfer credits. Please consult with the Department of Nursing or your advisor should you have any questions.

Credit and GPA Requirements

Minimum Total Credits:	120
Minimum Liberal Arts Credits:	62
Minimum Major GPA:	3.00
Minimum Cumulative GPA:	3.00

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.

Credits: 3

Every Fall

NRS 110 Nursing Informatics

This is an introductory integrative course which will explore advances in technology as recommended by the Institute of Medicine – Future of Nursing, 2010 in order for healthcare providers to be competent with information technology. Students will use a variety of electronic strategies to include simulation to access, store, communicate, and chart in order to support and improve patient care systems.

Credits: 3

Every Spring

NRS 120 Health and the Human Life Cycle

Same as NUR 84. -

The purpose of this course is to examine the progress of human development throughout the lifespan. Cognitive, emotional, and physiological growth and development are set forth within the context of critical tasks and crises inherent within each stage of maturation. Emphasis is placed on the second half of the life cycle, and the role of the nurse in caring for an aging population.

Credits: 3

On Occasion

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 underpinning safe, high quality, patient centered, and effective, efficient, equitable and timely care. Classroom discussions and activities will focus on acquiring a knowledge base essential to developing beginner level competencies of the nurse generalist. Core principles regarding integrating knowledge from multiple sources that may include quality care and safety; use of best evidence; policy, finance, and regulatory forces; effective communication; clinical prevention, health promotion, and health restoration; and professional values to guide nursing care will be covered.

A pre requisite of NUR 100 and BIO 8 is required.

Credits: 4

Every Fall

NRS 130C Fundamentals of Nursing

tudents will explore foundational elements of nursing interventions with individual patients in controlled and predictable environments based on the core principles underpinning safe, high quality, patient centered, and effective, efficient, equitable and timely care. Classroom discussions and activities will focus on acquiring a knowledge base essential to developing beginner level competencies of the nurse generalist. Core principles regarding integrating knowledge from multiple sources that may include quality care and safety; use of best evidence; policy, finance, and regulatory forces; effective communication; clinical prevention, health promotion, and health restoration; and professional values to guide nursing care will be covered.

A pre requisite of NUR 100 and BIO 8 is required.

Credits: 1

Every Fall

NRS 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.

A co-requisite or pre-requisite of BIO 8 is required.

Credits: 3

Every Spring

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 and across health care environments. Legal and ethical principles and 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 of CHM 6 and BIO 121 or HSC 221 are required

Credits: 3

Every Spring

NRS 160 Health Assessment

This course presents the didactic theory and 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.

A pre requisite of NUR 130 and BIO 8 are required

Credits: 5

Every Spring

NRS 160C Health Assessment

This course presents the didactic theory and 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.

A pre requisite of NUR 130 and BIO 8 are required

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.

A pre requisite of NRS 160 is required.

Credits: 7

Every Fall

NRS 200C Adult and Gerontological Nursing I

This course presents the didactic theory and 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.

A pre requisite of NRS 160 is required.

Credits: 0

Every Fall

NRS 210 Psychiatric-Mental Health Nursing

Students explore the promotion, maintenance and restoration of mental health across the lifespan. Key factors in mental health care for patients, families and vulnerable groups cared for in varied community settings are reviewed. Emphasis is placed on therapeutic communication, critical thinking, professional standards, therapeutic modalities and an understanding of psychopathology.

A pre requisite of NRS 160 is required.

Credits: 4

Every Fall

NRS 210C Psychiatric-Mental Health Nursing

Students explore the promotion, maintenance and restoration of mental health across the lifespan. Key factors in mental health care for patients,

families and vulnerable groups cared for in varied community settings are reviewed. Emphasis is placed on therapeutic communication, critical thinking, professional standards, therapeutic modalities and an understanding of psychopathology.

A pre requisite of NRS 160 is required.

Credits: 0

Every Fall

NRS 220 Adult and Gerontological Nursing II

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.

A pre requisite of NUR 210 is required.

Credits: 7

Every Spring

NRS 220C Adult and Gerontological Nursing II

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.

A pre requisite of NUR 210 is required.

Credits: 0

Every Spring

NRS 230 Public Health Nursing

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.

A pre requisite of NRS 160 is required.

Credits: 4

Every Spring

NRS 230C Public Health Nursing

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.

A pre requisite of NRS 160 is required.

Credits: 0

Every Spring

NRS 240 Obstetrical and Pediatric Nursing

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 post-partum period, and issues of women's health.

A pre requisite of NUR 220 is required.

Credits: 7

Every Fall

NRS 240C Obstetrical and Pediatric Nursing

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 post-partum period, and issues of women's health.

A pre requisite of NUR 220 is required.

Credits: 0

Every Fall

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 evidenced-based practice into their delivery of nursing care.

Pre requisites of NRS 240 and MTH 19 are required.

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.

A pre requisite of NUR 240 is required.

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.

A pre requisite of NUR 240 is required.

Credits: 0

Every Spring

NUR 79 The Philosophical and Conceptual Basis of Nursing

An introduction to professional nursing. Content focuses on systems, human needs, therapeutic communication, change and leadership theories. Nursing theory as it relates to professional nursing will be examined. Writing Across the Curriculum (WAC) course.

Credits: 3

Annually

NUR 81 Issues in Professional Nursing

An exploration and critical analysis of issues influencing nursing practice, nursing education and the delivery of health care. The political, social and economic factors influencing health care and health policy will be studied.

Credits: 3

Annually

NUR 82 Nursing Research

An introduction to a conceptual understanding of the research process. Learning experiences will focus on preparing a research-oriented practitioner. The major steps in the research process and various research approaches will be presented. Students will identify a researchable problem. Writing Across the Curriculum course (WAC).

Prerequisite of MTH 19 or MTH 41 and NUR 79, as well as a co-requisite of NUR 82P are required.

Credits: 3

On Demand

NUR 82P Nursing Research Proposal

A researchable problem will be identified and formulated appropriate to the student's area of clinical interest/expertise. This independent study will bridge the gap between theory (NUR 82) and the application of the research process. The student will develop a proposal using the steps of the research process.

Credits: 1

On Demand

NUR 84 Health and the Human Life Cycle

The purpose of this course is to examine the progress of human development throughout the lifespan. Cognitive, emotional, and physiological growth and development are set forth within the context of critical tasks and crises inherent within each stage of maturation. Emphasis is placed on the second half of the life cycle, and the role of the nurse in caring for an aging population.

Credits: 3

On Occasion

NUR 85 Health Assessment

This 4-credit course has a theory and laboratory component. This theoretical component introduces students to professional nursing skills used in health assessment of a client across the life span. Content will address developmental, psychosocial, environmental, cultural, as well as the pharmaceutical agents utilized in the treatment of various specific health problems associated with specific body systems.

Prerequisites of (NUR 99 or BMS 20) and (CHM 1 or CHM 6) and BIO 7 and BIO 8 and NUR 79, NUR 81, NUR 82 and NUR 84 and Co-requisite of NUR 85L are required.

Credits: 2

On Occasion

NUR 85L Health Assessment Lab

This course is the laboratory component of NUR 85. Students practice skills of physical examination and health assessment, and apply the concepts learned in NUR 85.

Co-requisite of NUR 85 is required.

Credits: 2

On Occasion

NUR 86 Family Health Nursing Theory

Family Health Nursing focuses on delivery of health care to culturally diverse individuals and their families utilizing the organized framework of the Structural-Functional Theory.

Prerequisite of NUR 79, NUR 81, NUR 82 and NUR 84 and Co-requisites of NUR 86L and NUR 86S are required.

Credits: 3

Annually

NUR 86L Family Health Nursing Clinical

Students work with assigned families to assess various dimensions of health and promotion and apply the family nursing process based on this assessment.

Co-requisites of NUR 86 and NUR 86S are required.

Credits: 1

Annually

NUR 86S Family Health Nursing Seminar

Students identify and discuss important issues that emanate from their clinical experiences as they work with culturally diverse families.

Co-requisites of NUR 86 and NUR 86L are required.

Credits: 0

Annually

NUR 87 Community Health Nursing Theory

The focus of this course is on individuals, families, and groups within the community. Theoretical concepts integral to community health nursing and strategies for nursing intervention for the promotion of community health will be identified.

Prerequisite of NUR 79, NUR 81, NUR 82, NUR 84, NUR 85, NUR 86 and NUR 91 and Co-requisites of NUR 87L and NUR 87S are required.

Credits: 3

On Demand

NUR 87L Community Health Nursing Practice

This course focuses on community nursing practice. Students will work with culturally diverse individuals, families, and identified groups within selected community health settings.

Co-requisites of NUR 87 and NUR 87S are required.

Credits: 3

On Demand

NUR 87S Community Health Nursing Seminar

This course focuses on a discussion of important issues that students identify from their clinical experiences working in various community health settings.

Co-requisites of NUR 87 and NUR 87L are required.

Credits: 0

On Demand

NUR 90 Management, Leadership and Nursing

The focus is on the leadership and management concepts and principles, and their application to managing groups of healthcare providers. Nursing management and changes in the current health care system will be explored.

Pre requisite of NUR 79 is required.

Credits: 3

Annually

NUR 91 Communication and Group Skills for the Health Care Setting

This course provides the theoretical basis and clinical application of communication techniques, group dynamics, and group process for healthcare professionals working in a variety of health care settings. The knowledge, strategies, and techniques needed to communicate effectively with others and in groups will be the focus of this course.

Credits: 3

Annually

NUR 95 Integrative Nursing Practice

This course is an introduction to the complementary, alternative, and integrative nursing modalities and interventions utilized in the professional practice. Historical and theoretical content will be covered as well as practical

application of selected modalities; focus on human needs; wellness, and therapeutic relationships.

Credits: 1 to 2

Annually

NUR 99 Pathophysiology

An in-depth exploration of disease processes across the lifespan which includes epidemiology, pathophysiology, clinical manifestations, and evaluation and treatment for each disease.

Pre requisite of BIO 7 and BIO 8 are required.

Credits: 3

Annually

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. (Same as NRS 140)

Must be in CNBS or TNBS plan.

Credits: 3

Annually

NUR 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 and across health care environments. Legal and ethical principles and regulatory guidelines and standards of practice will be discussed as they affect the role of the nurse generalist in delivering varied drug therapies. Same as NRS 150

Must be in CNBS or TNBS plan.

Credits: 3

Annually

NUR 160 Health Assessment

This course presents the didactic theory and 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. Same as NRS 160/160C

Must be in CNBS or TNBS plan.

Credits: 5

Every Spring

NUR 160C Health Assessment

This course presents the didactic theory and 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. Same as NRS 160/160C
Must be in CNBS or TNBS plan.

Credits: 0

Every Spring

NUR 230 Public Health Nursing

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. Same as NRS 230/230C

Must be in CNBS or TNBS plan.

Credits: 4

Every Spring

NUR 230C Public Health Nursing

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. Same as NUR230/230C

Must be in CNBS or TNBS plan.

Credits: 4

Every Spring

NUR 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 evidenced-based practice into their delivery of nursing care.

Same as NRS 400

Must be in CNBS or TNBS plan.

Credits: 3

Annually

DEPARTMENT OF NUTRITION

Phone: 516-299-2762

Fax: 516-299-3106

Email: Post-Nutrition@liu.edu

Chair: Dr. Jerrilynn Burrowes

Professor: Burrowes, Shorter

Associate Professor: Isoldi

Assistant Professor: Pierce, Wright

Program Director, Didactic Program in Dietetics:
Wright

Program Director, Dietetic Internship: Pierce

Adjunct Faculty: 18

Good health and nutrition are essential to an individual's quality of life. In fact, the importance of healthy eating, dietary planning and disease prevention are issues that most people talk about on a daily basis. To meet the demand for qualified nutritionists and registered dietitians, the Department of Nutrition offers a full range of undergraduate and graduate degree programs in nutrition, including a Dietetic Internship leading eligibility to take the Registered Dietitian Nutritionist (R.D.N.) examination. Rigorous academic programs are supplemented with extensive clinical experience that links theory and practice.

The Department of Nutrition's academic programs include the Accreditation Council for Education in Nutrition and Dietetic (ACEND) accredited Bachelor of Science degree in Nutrition and Dietetics as a science-oriented, liberal arts foundation for understanding nutrition; the dual B.S./M.S. in Nutrition and Dietetics designed for students who have a baccalaureate degree in another major and choose to continue their studies in the field of nutrition, and the Bachelor of Science degree in Food, Nutrition and Wellness which is designed for undergraduate students with a strong interest in the area of food and nutrition.

LIU Post and Nassau Community College Joint Nutrition Program

Students who earn an Associate in Science degree in Food and Nutrition at Nassau Community College (NCC) can seamlessly transfer their credits to the nutrition program at LIU Post. An articulation agreement signed by both schools makes it possible for students to earn an Associate's degree from NCC and then complete their course work at LIU Post and receive a Bachelor's 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.

For additional information please contact the Director of Transfer Admissions at LIU Post, at 516-299-3392 or Dr. Josephine Wright, Ph.D., RD, CDN, Director of Undergraduate Nutrition, at 516-299-4152 or josephine.wright@liu.edu.

B.S. in Food, Nutrition and Wellness

The Bachelor of Science degree in Food, Nutrition and Wellness is designed for undergraduate students with a strong interest in the area of food and nutrition. This four-year, 120-credit program provides students with the knowledge and skills related to foods and nutrition to assist others in developing and maintaining healthier lifestyles throughout the lifecycle. Graduates will have the experiences to help address major modifiable health issues such as diabetes, obesity, and heart disease.

The program offers two concentrations:

- **Nutrition, Health and Wellness** with specializations in either *Exercise and Fitness* or *Health in the Community* – this program is for students interested in food and nutrition as it relates to health, exercise and wellness.
- **Nutrition and Food Hospitality** – this program is designed for students with an interest in food service management and the hospitality industry.

The broad academic curriculum that includes courses in the liberal arts, sciences, foods, nutrition, exercise and health is appropriate for each concentration. Graduates of the program may pursue careers in food, community nutrition, health, wellness, hospitality or related fields, or prepare for entry into graduate schools in these areas.

The B.S. in Food, Nutrition and Wellness degree is accredited by New York State Education Department but is not a pathway towards becoming a Registered Dietitian Nutritionist (RDN) by the Commission on Dietetic Registration (CDR) or Certified Dietitian/Nutritionist by New York State. The B.S. in Food, Nutrition and Wellness degree is not accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics, hereafter referred to as the Academy, and is not a pathway for entry into the Dietetic Internship (DI) supervised practice program.

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 2.25 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.

B.S. in Food, Nutrition & Wellness

{Program Code: 37702}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Food, Nutrition & Wellness must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	4 credits (MTH 3 or MTH 7)
Social Sciences	6 credits (PSY 1 and 2)

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

B.S. in Food, Nutrition, and Wellness

Required Courses

The following courses are required:

NTR 16	Cultural & Social Aspects of Food	2.00
NTR 16L	Cultural and Social Aspects of Food Laboratory	1.00
NTR 21	Introductory Food Science	3.00
NTR 21L	Introductory Food Science Laboratory	1.00
NTR 100	Concepts in Nutrition	3.00
NTR 101	Contemporary Nutrition Strategies	3.00
NTR 102	Nutrition in Health and Disease	3.00
NTR 201	Practicum in Nutrition	3.00
NTR 206	Nutrition Communication	3.00
NTR 222	Designing Cuisines	2.00

One of the following courses are required:

NTR 202	Research Methodology	4.00
NTR 385	Honors Tutorial	4.00
NTR 386	Honors Tutorial	4.00

The following courses are required:

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

PSY	1	General Psychology I	3.00
PSY	2	General Psychology II	3.00

One of the following:

Note: CHM 3 has a prerequisite of MTH 3 or a co-requisite of MTH 7.

MTH	3	College Algebra and Trigonometry	4.00
MTH	7	Calculus and Analytic Geometry I	4.00

One of the following:

BIO	141	Biostatistics	3.00
ECO	72	Statistics	3.00
MTH	19	Basic Statistics	3.00
MTH	41	Biostatistics	3.00

Nutrition, Health & Wellness

Concentration

1. Exercise and Fitness Specialization

The following courses are required:

NTR	215	Energy and Exercise	3.00
NTR	401	Food, Nutrition and Wellness Seminar	3.00
PE	106	Fitness and Conditioning (All Levels)	2.00
PE	203	Kinesiology and Biomechanical Analysis of Movement	4.00
PE	235	Motor Development	2.00

2. Health in the Community Specialization

The following courses are required:

HE	201	Critical Health Problems I	3.00
NTR	210	Nutrition in the Community	2.00
NTR	401	Food, Nutrition and Wellness Seminar	3.00

Nutrition & Food Hospitality

Concentration

The following courses are required:

ACC	11	Accounting Principles I	3.00
BMS	90	Microbiology in Health Sciences	4.00
CHM	4	Principles in Chemistry II	4.00
MAN	11	Principles of Management	3.00
MKT	11	Marketing Principles and Practices	3.00
NTR	23	Introduction to Food Hospitality	3.00
NTR	24	Food Hospitality Management	3.00
NTR	221	Food in Contemporary Society	3.00

NTR	223	Food, Beverage and Labor Cost Controls	3.00
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NTR	224	Fundamentals of Quantity Food Production	3.00
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Free Electives up to 9 to 16 credits

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 62
 Minimum Major Credits: 31
 Minimum Overall GPA: 2.00
 Minimum Major GPA: 2.00

B.S. in 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 Academy of Nutrition and Dietetics.

The B.S. degree includes the Didactic Program in Dietetics (DPD). The Accreditation Council for Education in Nutrition and Dietetics (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 Academy of Nutrition and Dietetics-accredited DI to be eligible to sit for the national examination for Registered Dietitians.

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 ACEND website: www.cdrnet.org/programdirector/info.html.

To successfully complete this program, a student must maintain a GPA of 3.3 in the major. Students who receive a grade of "B-" or below in a required NTR (nutrition) course must repeat the course and receive a grade of "B" or better. Upon completion of the B.S. in Nutrition and Dietetics, an accredited Dietetic Internship (DI) is required before the student is eligible to sit for the RDN examination.

Admission Requirements

Applicants interested in the B.S. in Nutrition and Dietetics will be first accepted into the B.S. in Food, Nutrition, and Wellness Program. Upon admission to the university and satisfaction of prerequisites, applicants may request a secondary application for acceptance into the B.S. in Nutrition and Dietetics program by filling out the application at

<https://apply.liu.edu/nutrition/Login.aspx> or contacting the Nutrition Department at 516-299-2762 or via email at post-nutrition@liu.edu.

- **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 a 3.0 and who meet the requirements for a secondary application will be considered for acceptance to the program.

Secondary Application Requirements

To place a secondary application to the Nutrition and Dietetics Program, students must have a GPA of at least a 3.0 and a grade of "B+" or higher in NTR 100, NTR 101, and two (2) of the following: NTR 16, NTR 21, or NTR 23. To successfully complete the program, a student must maintain a GPA of 3.3 in the major. The secondary application requests a short personal statement and a resume that includes work, volunteer, and extracurricular experience.

B.S. in Nutrition and Dietetics

{Program Code: 86047}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Nutrition and Dietetics must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
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First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	4 credits (MTH 3 or MTH 7)
Social Sciences	6 credits (PSY 1 and 2)

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

NTR courses with grades lower than "B" CANNOT fulfill NTR requirements

B.S. in Nutrition and Dietetics Required Courses

Required Courses 1

NTR 16	Cultural & Social Aspects of Food	2.00
NTR 16L	Cultural and Social Aspects of Food Laboratory	1.00
NTR 21	Introductory Food Science	3.00
NTR 21L	Introductory Food Science Laboratory	1.00
NTR 23	Introduction to Food Hospitality	3.00
NTR 24	Food Hospitality Management	3.00
NTR 100	Concepts in Nutrition	3.00
NTR 101	Contemporary Nutrition Strategies	3.00
NTR 103	Professional Nutrition Issues	1.00
NTR 200	Advanced Concepts in Nutrition	3.00
NTR 206	Nutrition Communication	3.00
NTR 210	Nutrition in the Community	2.00
NTR 211	Medical Nutrition Therapy I	3.00
NTR 212	Medical Nutrition Therapy II	3.00
NTR 212L	Medical Nutrition Therapy Laboratory	1.00
NTR 215	Energy and Exercise	3.00
NTR 221	Food in Contemporary Society	3.00

Required Courses 2

One of the following:

NTR 202	Research Methodology	4.00
NTR 385	Honors Tutorial	4.00
NTR 386	Honors Tutorial	4.00

Co-Related Courses

Co-Related List1

BIO 7	Human Anatomy and Physiology I	4.00
BIO 8	Human Anatomy and Physiology II	4.00
BMS 90	Microbiology in Health Sciences	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
PSY 1	General Psychology I	3.00
PSY 2	General Psychology II	3.00

Co-Related List2

One of the following:
Note: CHM 3 has a pre-requisite of MTH 3 or a co-requisite of MTH 7.

MTH 1	Introduction to College Mathematics	3.00
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

Co-Related List3

One of the following:

BIO 141	Biostatistics	3.00
ECO 72	Statistics	3.00
MTH 19	Basic Statistics	3.00
MTH 41	Biostatistics	3.00

Credit and GPA Requirements

Minimum Total Credits: 120
Minimum Liberal Arts Credits: 65
Minimum Major Credits: 42

Minimum Overall GPA: 3.0
Minimum Major GPA: 3.3

DUAL DEGREE PROGRAMS

B.S./M.S. in Nutrition and Dietetics

The dual Bachelor of Science/Master of Science in Nutrition and Dietetics program is designed for students who have a baccalaureate degree in another major and choose to continue their studies in the field of nutrition. Undergraduate courses include the study of food science, normal nutrition, nutrition during the life cycle, community nutrition, food service management, research and medical nutrition therapy. Four graduate courses are substituted for upper-level undergraduate courses. Additional graduate courses provide the opportunity to specialize in Medical Nutrition Therapy, Nutrition and Exercise, or Geriatric Nutrition.

These courses complement a Core Curriculum while electives enable the student to pursue individual interests. The requirements for entry to a Dietetic Internship (DI) can be completed during this program, but the application to the DI is separate. For those who complete the DI, graduate credits are applied to the M.S. degree. Students who are considering application to this program should seek advice from the Director of the DPD.

ADMISSION REQUIREMENTS

Applicants interested in the B.S./M.S. in Nutrition and Dietetics will be first accepted into the B.S. in Food, Nutrition, and Wellness Program and place a secondary application when the student meets qualifications. Students without a previous baccalaureate degree with a minimum GPA of 3.5 will be considered for acceptance into the dual degree program. Applicants who have completed a previous baccalaureate degree with a minimum grade point average (GPA) of 3.0 may be considered for acceptance to the program. Transcripts will be evaluated by the Academic and Career Counselor to determine transfer credits. For this program, applicants should complete a LIU Post undergraduate admissions application.

Current LIU Post students or transfer students from other institutions should seek advice from the Director of the DPD when considering applying to the dual B.S./M.S. in Nutrition and Dietetics program.

B.S./M.S. in Nutrition and Dietetics

{Program Code: 27793}

Core Requirements

In addition to all major requirements, students pursuing the B.S./M.S. in Nutrition and Dietetics must satisfy all Core curriculum requirements as follows:

POST 101 1 credit

First-Year Composition	6 credits
Economics/Political Science	6 credits
Fine Arts	3 credits
History/Philosophy	6 credits
Laboratory Science	8 credits (BIO 7 and 8)
Language/Literature	6 credits
Mathematics	4 credits (MTH 3 or MTH 7)
Social Sciences	6 credits (PSY 1 and 2)

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Undergraduate Nutrition Courses

(A grade of "B" or better is required for all courses)

NTR 16	Cultural & Social Aspects of Food	2.00
NTR 16L	Cultural and Social Aspects of Food Laboratory	1.00
NTR 21	Introductory Food Science	3.00
NTR 21L	Introductory Food Science Laboratory	1.00
NTR 23	Introduction to Food Hospitality	3.00
NTR 24	Food Hospitality Management	3.00
NTR 100	Concepts in Nutrition	3.00
NTR 101	Contemporary Nutrition Strategies	3.00
NTR 103	Professional Nutrition Issues	1.00
NTR 200	Advanced Concepts in Nutrition	3.00
NTR 206	Nutrition Communication	3.00
NTR 210	Nutrition in the Community	2.00
NTR 211	Medical Nutrition Therapy I	3.00
NTR 212	Medical Nutrition Therapy II	3.00
NTR 212L	Medical Nutrition Therapy Laboratory	1.00
NTR 215	Energy and Exercise	3.00
NTR 221	Food in Contemporary Society	3.00

One of the following

(A grade of "B" or better is required for all courses):

NTR 202	Research Methodology	4.00
NTR 385	Honors Tutorial	4.00
NTR 386	Honors Tutorial	4.00

Required Undergraduate Co-Related Courses

BIO 7	Human Anatomy and Physiology I	4.00
BIO 8	Human Anatomy and Physiology II	4.00
BMS 90	Microbiology in Health Sciences	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
PSY 1	General Psychology I	3.00
PSY 2	General Psychology II	3.00

One of the following Mathematics courses:

Note: CHM 3 has a pre-requisite of MTH 3 or a co-requisite of MTH 7.

MTH 1	Introduction to College Mathematics	3.00
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

Required Graduate Nutrition Courses

(A grade of "B" or better is required for all courses)

NTR 540	Biomedical Statistics	3.00
NTR 606	Communication and Education Skills in Nutrition	3.00
NTR 609	Advanced Nutrition I	3.00
NTR 610	Advanced Nutrition II	3.00

One of the following

(A grade of B or better is required for all courses):

NTR 703	Research Methods	3.00
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NTR 707	Preparation of Thesis Proposal	3.00
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One of the following:

NTR 704	Clinical Research Thesis	3.00
NTR 706	Research Project	3.00
NTR 708	Experimental Research Thesis	3.00

B.S./M.S. in Nutrition and Dietetics

Concentrations:

Selection of one of the following concentrations (9 credits):

1. Clinical Nutrition
2. Geriatric Nutrition
3. Nutrition & Exercise Physiology

B.S./M.S. Nutrition and Dietetics Electives (9 credits)

Clinical Nutrition Concentration

Clinical Nutrition Sub-Plan Courses (9 credits)

NTR 602	Nutrition Assessment	3.00
NTR 603	Diabetes Management	3.00
NTR 604	Nutrition In The Life Cycle	3.00
NTR 607	Clinical Nutrition	3.00
NTR 612	Enteral & Parenteral Nutrition	3.00
NTR 625	Renal Nutrition	3.00
NTR 705	Selected Topics in Nutrition	3.00
NTR 705S	Selected Topics in Nutrition	3.00

Geriatric Nutrition Concentration

Geriatric Nutrition Sub-Plan Courses (9 credits)

HAD 710	Gerontology: Processes of Aging	3.00
NTR 605	Nutrition In Geriatrics	3.00

One of the following Health Administration courses:

HAD 711	Long-Term Care Administration	3.00
HAD 712	The Management of Senior Community Programs	3.00

Nutrition & Exercise Physiology Concentration

Nutrition & Exercise Physiology Sub-Plan Courses (9 credits)

NTR 617	Weight Management	3.00
NTR 618	Advanced Energy & Exercise	3.00
NTR 619	Sports Nutrition and Exercise Physiology	3.00

Electives

Elective Graduate Nutrition & Biomedical Science Courses

Students must complete 9 credits from the following courses:

BMS	513	Biochemistry	3.00
BMS	520	Pathophysiology I	3.00
BMS	612	Pathophysiology II	3.00
NTR	503	Recent Trends In Nutrition	3.00
NTR	541	Computer Applications in Health Sciences	3.00
NTR	602	Nutrition Assessment	3.00

Credit and GPA Requirements

- Minimum Total Credits: 144
- Minimum Total Undergraduate Credits: 120
- Minimum Undergraduate Liberal Arts Credits: 77
- Minimum Undergraduate Major Credits: 54
- Minimum Graduate Major Credits: 36
- Minimum Undergraduate Major GPA: 3.30
- Minimum Undergraduate Cumulative GPA: 3.00
- Minimum Graduate GPA: 3.00

MINORS

Minor in Nutrition

The minor in Nutrition provides students who are majoring in a number of related disciplines such as education, health administration, psychology, and sociology with an understanding of the nutrition profession. Completion of this minor will help students to broaden their skills and complement their major field of study.

Minor in Nutrition Requirements

Required Nutrition Courses (11 credits):

NTR	100	Concepts in Nutrition	3.00
NTR	101	Contemporary Nutrition Strategies	3.00
NTR	102	Nutrition in Health and Disease	3.00
NTR	222	Designing Cuisines	2.00

One of the following pair of courses (3 or 4 credits):

NTR	16	Cultural & Social Aspects of Food	2.00
NTR	16L	Cultural & Social Aspects of Food Lab	1.00

OR

NTR	21	Introductory Food Science	3.00
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NTR	21L	Introductory Food Science Laboratory	1.00
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Credit and GPA Requirements

- Minimum Total Credits: 14 -15
- Minimum Minor GPA: 2.0
- Minimum Overall GPA: 2.0

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.

Co requisite of NTR 16L (lab) is required

Credits: 2

Every Spring

NTR 16L Cultural and 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.

Co requisite 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 of CHM 3 and NTR 21L are 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.

Co-requisites: NTR 21 and CHM 3

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.

Co-requisite of BMS 90 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. Field trips and guest speakers are included to acquaint the student with various types of food service facilities and management styles.

For Nutrition & Dietetics: Pre-requisite of B or better in NTR 23.

For Food, Nutrition & Wellness: Pre-requisite of NTR 23.

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

On Demand

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.

Prerequisite of BIO 8 and Co-requisite 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 pre-requisite 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 pre requisite of NTR 101 is required.

Credits: 3

Every Fall

NTR 103 Introduction to the Profession of 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.

Nutrition & Dietetics students only. A pre requisite of NTR 101 and a co requisite of NTR 210 is required with a grade of B or better.

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.

For Nutrition & Dietetics students only. Pre-requisite of CHM 71 and a B or better in NTR 101 is required.

Credits: 3

Every Fall and Summer

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 35 hours practical experience in the field. A designated faculty member serves as the liaison between the field site and the student.

BS in Nutrition & Dietetics Program: B or better in NTR 211 and a co-req of NTR 212 are required.

Food, Nutrition & Wellness Program: pre-req of NTR 206 AND NTR 24 OR NTR 210 OR NTR 215.

Department consent is required.

Credits: 3

On Demand

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.
Nutrition and Dietetics: Pre-requisites of NTR 101, 211 and MTH 19 or 40 or ECO 72 and a Co-requisite of NTR 212 is required. A B or better is required in the NTR courses.

Food, Nutrition & Wellness : Pre-requisite of NTR 21,102 and MTH 19 or 40

Credits: 4

Every Fall and 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.

Nutrition and Dietetics students: Pre-requisites of NTR 101, NTR 211 and MTH 19 or MTH 40 or ECO 72 and a Co-requisite of NTR 212 is required. A B or better is required in the NTR courses.

Food, Nutrition & Wellness students: Pre-requisite of NTR 102

Credits: 3

Every Fall and Spring

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. Ethics of care will be included. Professional development issues and credentialing will be discussed.

All Programs: Pre requisite of NTR 101.

Nutrition & Dietetic Students: Co requisite of NTR 103 with a B or better.

Food Nutrition & Wellness Health & Community Subplan: pre requisite of NTR 100

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.

For Nutrition & Dietetics only. A pre-requisite of B or better in NTR 101

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.

Nutrition & Dietetics students only. Prerequisite of a B or better in NTR 211 and a co-requisite NTR 212L is 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.

For Nutrition & Dietetic students only. A Co-requisite of NTR 212 with a B or better 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 of B or better in NTR 101..

For Food, Nutrition & Wellness Exercise & Fitness Subplan: Pre-requisite of NTR 100.

Credits: 3

Every Fall and Spring

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 nutrification 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 CHM 4 and a B or better in NTR 21 is required.

For Food, Nutrition & Wellness Hospitality Subplan: a pre-requisite of CHM 4 and NTR 21 is required.

Credits: 3

Every Fall and Spring

NTR 222 Designing Cuisines

This 2-credit course (45 contact hours) is a required course in the "Nutrition, Health and Wellness" and "Nutrition and Food Hospitality" concentrations. 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 requisites of NTR 16, NTR 21, and NTR 102 are required.

Credits: 2

Every Spring

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.

A pre requisite of NTR 24 and NTR 102 is required.

Credits: 3

Annually

NTR 224 Fundamentals of Quantity Food Production

This 3-credit (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.

Credits: 3

Annually

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.

All Students: Pre-requisite NTR 102; Pre or Co-requisite NTR 202 & NTR 206.

Excercise/Fitness Track: Pre-requisite of NTR 215.

Health/Communication Track: Pre-requisite of NTR 210

Credits: 3

Annually

DEPARTMENT OF SOCIAL WORK

Phone: 516-299-3924

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Chair: Dr. Ilene Nathanson

Program Director, BSW: Brodlieb

Professors: Giffords, Nathanson

Associate Professors: Barretti, Calderon

Director of Field Education: Prof. Pamela Brodlieb

BSW Field and Program Coordinator at LIU

Brentwood: Dr. Lois Stein

Adjunct Faculty: 15

Social work is a career for those who wish to make a difference in people's lives and transform society. 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 anywhere, including LIU's program with specializations in services for child and family, substance abuse, gerontology, forensic social work and non-profit management. The Council on Social Work Education (CSWE) accredits the B. S. in Social Work, which includes rigorous academic as well as field education delivered by a faculty of scholars, activists and highly seasoned practitioners. Students may choose to minor in social work as a way of learning the basic skills for negotiating human relationships and facilitating individual and social change.

B.S. in Social Work

The 120-credit Bachelor of Science in Social Work will prepare you to enter the workforce, launching a career of helping people cope with life's challenges and advocating for a just society, as well as continuing to graduate level education. We offer liberal arts based, relationship-centered education where students form close connections with their professors and each other. The curriculum includes courses related to policy, practice, human development and social systems' behavior, research as well as practicum-related seminars. Students learn the social work foundation of knowledge, skills and values through small class engagement with stimulating topics, role plays, case studies, videos, TED talks, close reading and reflective writing. They engage (in the Junior and Senior years) in field practice in diverse settings including schools, homeless

shelters, child and family counseling centers, charitable organizations, senior citizen facilities and social service agencies. Beyond the classroom and field placement, we offer a very active student club, which provides you with opportunities for numerous exciting community service activities.

ADMISSION REQUIREMENTS

- Freshmen must have a minimum high school average of 80 and must be ranked in the upper half of their class.
- Transfer students must have completed more than 24 college credits. A minimum college GPA of 2.75 is required for application review. Those who completed fewer than 24 credits must also submit high school transcripts and SAT/ACT scores.

PROGRESSION REQUIREMENTS

Requirements for advancement/transfer to the Junior year (Fall semester) as a Social Work major include:

- Students must maintain a major and cumulative GPA of 2.75 or better to retain standing in the program.
- Students must complete the following courses: PSY 1, 2; SOC 1; BIO 1 (or BIO 7); ECO 10 (or ECO 11); PHL 13; SWK 1; and SWK 50.

PROFESSIONAL FIELD PLACEMENT REQUIREMENTS

Field placement, which begins in the Spring semester of the Junior year, requires students to function as professionals and often involves direct client contact. Therefore, the Social Work Program invests heavily in insuring that the students who progress to field placements are ready to assume the serious responsibility it entails. During the Fall semester of the Junior year, students take foundation courses in social work and a field instruction seminar in preparation for field placement. The instructors teaching these courses are committed to helping identify students' learning needs as early as possible and assisting them so that they will be able to meet the requirements to proceed to the field. These include:

- Completion of prerequisites (PSY 1 & 2, SOC 1, BIO 1 or 7, PHL 13, ECO 10 or 11).
- Completion of the following Social Work courses: SWK 1, SWK 50, SWK 60, SWK 70, and SWK 79.
- Maintaining a major and cumulative GPA of 2.75 or better.
- Demonstrating commitment to follow all policies and procedures as documented in the program's student handbook and field manual.
- Completion of a short self-assessment essay and an academic performance review.

OPTIONAL FOCUS IN HEALTHCARE

Students interested in healthcare as a future field of practice can enhance their generalist practice education with a focus on the healthcare system. Those who elect this path will be placed in a healthcare-related setting for their senior year internship and will take 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. in Social Work

{Program Code: 19722}

Core Requirements

In addition to all major requirements, students pursuing the B.S. in Social Work must satisfy all Core curriculum requirements as follows:

POST 101	1 credit
First-Year Composition	6 credits
Economics/Political Science	6 credits (ECO 10 required)
Fine Arts	3 credits
History/Philosophy	6 credits (PHI 13 required)
Laboratory Science	8 credits (BIO 1 and 2 or BIO 7 and 8)
Language/Literature	6 credits
Mathematics	3 - 4 credits
Social Sciences	6 credits (PSY 1 and 2)

For a more detailed listing of these requirements, see the Core Curriculum section of this bulletin.

Major Requirements

Required Classes for the B.S. in Social Work

HPA/ SWK	18	Research Methods	3.00
HPA/ SWK	19	Statistics for the Administrators	3.00
HPA	20	Computer-Based Management Systems	3.00
SWK	1	Introduction to Social Work and Social Welfare	3.00
SWK	50	Social Welfare Programs & Policies I	3.00
SWK	51	Social Welfare Programs & Policies II	3.00
SWK	60	Human Behavior in the Social Environment I	3.00
SWK	61	Human Behavior in the Social Environment II	3.00
SWK	70	Social Work Practice I	3.00
SWK	71	Social Work Practice II	3.00
SWK	75	Diversity-Sensitive Social Work Practice	3.00
SWK	79	Introduction to Field Instruction	1.00
SWK	80	Field Instruction I	4.00

SWK	90	Field Instruction II	6.00
SWK	91	Field Instruction III	6.00
Required Social Work Elective Courses			
Choose two of the following:			
ANT	1	Development of the Human Species, Culture and Society	3.00
ANT	2	Human Society	3.00
PHI	8	Introduction to Philosophy	3.00
PHI	14	Introduction to Critical Reasoning	3.00
PHI	19	Biomedical Ethics	3.00
PSY	25	Developmental Psychology: Childhood	3.00
PSY	26	Developmental Psychology: Adolescence	3.00
PSY	29	Developmental Disabilities	3.00
PSY	30	Personality: Research and Theory	3.00
PSY	32	Social Psychology	3.00
PSY	63	Abnormal Psychology	3.00
PSY	70	Developmental Psychology: Adulthood and Aging	3.00
SOC	2	Social Institutions	3.00
SOC	3	Social Problems	3.00
SOC	15	Social Change	3.00
SOC	22	Sociology of Families	3.00
SOC	24	Sociology of Adolescence and Youth	3.00
SOC	33	Deviant Behavior	3.00
SOC	70	Sociology of Poverty	3.00
SWK	30	Interdisciplinary Helping Professions	3.00
SWK	31	Child and Family Services: The Practice	3.00
SWK	385	Honors Tutorial	3.00
SWK	386	Honors Tutorial	3.00
SWK	389	Honors Thesis	3.00
SWK	390	Honors Thesis	3.00
Required General Co-Related Courses			
ECO	10	Introduction to Microeconomics	3.00
HPA	20	Computer-Based Management Systems	3.00
PHI	13	Ethics and Society	3.00
POL	80	Administrative Behavior	3.00

PSY	1	General Psychology I	3.00
PSY	2	General Psychology II	3.00
SOC	1	Introduction to Sociology	3.00

Required Co-Related Biology Courses

Transfer students entering with an A.A. or A.S. may only need to complete one course instead of the two course series:

BIO	1	Foundations of Biology I	4.00
BIO	2	Foundations of Biology II	4.00
Or			
BIO	7	Human Anatomy and Physiology I	4.00
BIO	8	Human Anatomy and Physiology II	4.00

Credit and GPA Requirements

Minimum Total Credits: 120
 Minimum Liberal Arts Credits: 60
 Minimum Major Credits: 50
 Minimum Overall GPA: 2.75
 Minimum Major GPA: 2.75

MINORS

Minor in Social Work

The minor in Social Work provides students who are majoring in a number of related disciplines such as psychology, sociology, art therapy, education and health administration with an understanding of social welfare policy, human behavior in the social and organizational environment, and the social work profession. Completion of this minor will help students to broaden their skills in counseling and delivery of social services, and can help them determine if pursuing graduate study in social work is the right career path.

The social work field and practice-related courses are open only to students majoring in social work. However, all other courses are open to non-majors. The courses contained in the Social Work Minor consist of both required and elective courses from the major.

Required Social Work Courses

SWK	1	Introduction to Social Work and Social Welfare	3.00
SWK	50	Social Welfare Programs & Policies I	3.00
SWK	51	Social Welfare Programs & Policies II	3.00
SWK	60	Human Behavior in the Social Environment I	3.00
SWK	61	Human Behavior in the Social Environment II	3.00

One of the following:

HSC	102	Interdisciplinary Helping Professions	3.00
POL	80	Administrative Behavior	3.00
SWK	30	Interdisciplinary Helping Professions	3.00

Credit and GPA Requirements

Minimum Total Credits: 18
 Minimum Minor GPA: 2.0
 Minimum Overall GPA: 2.0

Social Work Courses

SWK 1 Introduction to Social Work and Social Welfare

This course presents Social Work as a helping profession that has a unique combination of values, knowledge and skills with the purpose of improving the well-being of people and creating a more just society. Students are introduced to the various fields of practice where social workers address client needs and social problems. The course offers discussions of current events from the multiple perspectives of social work and case studies of social workers serving individuals, families, groups, communities and organizations. There are also guest presentations of professionals who are engaged in activities such as combating hunger, assuring equal access to mental health services and assisting those involved in domestic violence. The course aids students in determining whether social work is a possible career choice for them. Course should be taken by freshman or sophomores planning to major in social work, Junior transfer students should take in first Fall semester, and non-majors can take at any time.

Credits: 3

Every Fall and Spring

SWK 18 Research Methods

This course provides an overview of the scientific method as it applies to social work. In this writing intensive course students learn to read and interpret quantitative and qualitative research reports and to design sound and ethical research to increase the profession's knowledge base with respect to human behavior and service development and delivery. Students learn to use research to guide their professional practice and to employ research methodology to evaluate their individual and their program's effectiveness. Cross listed with HPA 18. (Open to Juniors Only)

Prerequisite of Junior status or greater is required if in Social Work plan of study. Open to all non-majors without prerequisite.

Credits: 3

Every Spring

SWK 19 Statistics

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 human services. Cross-listed with HPA 19.

Prerequisite of HPA 18 or SWK 18 is required.

Credits: 3

Every Fall

SWK 30 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 professions such as social work, speech therapy, recreational therapy, occupational therapy, physical therapy, nutrition, medicine and nursing. The course is focused on four domains critical to successful health care: the practitioner/patient (client) relationship, the practitioner/practitioner (interdisciplinary team) relationship, the practitioner-community (community of care) relationship and the practitioner-self relationship. It emphasizes the need to attune to and act on the narratives of suffering and strengths of those who seek care as well as all others involved in caregiving, including the clinician, for effective practice of healthcare. Students engage in dyadic and small group exercises designed to develop effective practice skills.

Open to Juniors or Seniors.

Credits: 3

Annually

SWK 31 Child and Family Services: The Practice

This course will provide students with an overview of the Child & Family Welfare system focusing on current practices. Students will be exposed to a variety of child & family welfare topics to include but not limited to child protections, foster care, adoption, prevention, family violence and the Court's role. The course will be taught from a generalist perspective examining how policy shapes practice. Students may be asked to critique current child & family welfare policies sharing their thoughts and opinions the course is expected to prepare students for internships & employment in the field of child & family welfare by educating them on the complex issues surrounding children & families. It will involve guest lecturers with expertise on different aspects of child welfare.

Credits: 3

On Occasion

SWK 50 Social Welfare Programs & Policies I

SWK 50 provides information about the development of social work as a profession including its tradition of advocacy, reform and commitment to policies inherent in the values of the profession. Students will gain an understanding of historical and contemporary social welfare services and examine how economic, political, and organizational systems influence social policies and diverse and at-risk populations. This course also provides students with knowledge of distinct social issues, and social service programs. It challenges students to interpret basic characteristics of social programs and policies in order to improve services for clients. Throughout the semester students explore inequitable treatment of specific groups and learn of the need for social justice to meet social needs. In addition, this course provides a basic understanding of the specific role of the social worker in policy practice. (Open to Freshmen &

Sophomores)

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

SKW 51 has two major foci: a) how and under what circumstances the definition and typification of social problems trigger policy responses and b) social work's role in analyzing, evaluating and influencing policy. Students conduct an analysis of a policy that responds to any social problem of their choosing, and then deconstruct the historical, theoretical and ideological forces shaping the policy as it affects a population at risk. The uniquely-related class, age, gender, racial and cultural issues of oppressed populations and the barriers they experience when confronting the political and organizational processes that influence policy development are at the core of this semester's inquiry. (Open to Juniors and Seniors)

Open to Juniors or Seniors.

Credits: 3

Every Fall

SWK 60 Human Behavior in the Social Environment I

The first in the 2-sequence course on understanding human behavior in the social environment, this course provides foundation knowledge of the multiple theoretical perspectives required for generalist social work practice. The focus is on understanding individual behavior across the life-span from conception through late childhood within the context of social systems including families, groups, organizations and communities. Biological, psychological, social and spiritual factors that affect human growth and development are examined along with problems including, child abuse/neglect, oppression, marital conflicts, mental illness, developmental disabilities, addictions and deviant behaviors. Special attention is given to social and economic justice and diversity variables including gender, ethnicity, culture and class as related to individuals' ability to reach or maintain optimal health and well-being. Case material is introduced throughout the course to illustrate theoretical concepts. (Open to Juniors only)

Prerequisites of SOC 1, PSY 1, 2, (BIO 1 or BIO 7), 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 covers the understanding of individual behavior from adolescence through late adulthood within the context of social systems including families, groups, organizations and communities (SWK 60 covered

infancy through preadolescence). Based on the theories learned in SWK 60, biological, psychological, social and spiritual factors that affect human growth and development are examined along with social problems including substance abuse, domestic violence and elder abuse. The focus is on normal developmental challenges and growth, but the course also addresses common mental health difficulties. Special attention is given to social and economic justice and diversity variables including gender, ethnicity, culture and class as related to individuals' abilities to reach or maintain optimal health and well-being. Case material is introduced throughout the course to illustrate theoretical concepts. (Open to Juniors only)

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. The course presents a generalist approach to social work practice with individuals, families, groups, organizations and communities. This course emphasizes generalist practice with individuals and organizations and the knowledge and skills applicable to intervention with these two target systems. The beginning phase of the helping process is highlighted. (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 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 is designed to continue teaching the knowledge, skills and values essential for beginning generalist social work practice. Whereas the first course focused on practice with individuals and organizations, this course concentrates on practice with families, groups and communities. Social Work Practice II identifies variations in engagement, assessment and contracting with these three types of systems. All levels of intervention are discussed as they apply to practice with families, groups and communities. The middle and ending phases of the helping process are highlighted.

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 is designed to draw a bridge between generalist social work practice and the impact of ethnicity, social class, and minority status. Students will be provided with the tools to make ethnic sensitive social work assessments and interventions.

The focus of this course will be on examining the problems that face diverse cultures and populations at risk for discrimination and oppression as they attempt to negotiate their environment and to ameliorate the stresses that they confront. Through the use of the case method model of learning, students will be presented with material that presents dilemmas faced by diverse populations as they strive to function and survive in the United States. This course makes a linkage between material on diverse cultures and the social work role and demonstrates the connection between cross-cultural values, beliefs and the profession. (Open to Seniors only)

Prerequisite of SWK 71 is required. Open to students with Senior status only.

Credits: 3

Every Spring

SWK 79 Introduction to Field Instruction

The purpose of this class is to orient junior level social work majors to the field practicum. The course requires one interview with the field director and at least one to two field agency interviews. SWK 79 prepares students for entry into the field practicum experience, and the concurrent Field Seminar class (SWK 80), by anticipating and responding to common concerns among entry-level students, explicating field program policies, and practically preparing the student for the agency selection and initial interviewing process. Students are introduced to and acquainted with the various roles and responsibilities of each of the field team members. In addition, the field contract, task/assignment form, the learning contract, the process recording, the supervisory process, diversity and cultural competence issues in the field and the qualifications and challenges of developing ethical and professional behavior are explored. In preparing students for the "mechanics" of fieldwork, the seminar also takes time to validate the developmental challenges that students experience in mastering the demands of the field placement. (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

SWK 80 Field Instruction I

Field Experience involves placement of the student in a social service agency or social work department of a larger institution. The student is required to intern for a minimum of 100 work hours during the standard Spring semester of the Junior year. The student is required to offer social work service to diverse clients or client systems under the direct, regular supervision of an agency field instructor agreed upon by the agency and the program. The instructional techniques in the seminar parallel processes students will be utilizing in the field as a student and as a social worker. Students' field

experiences are processed using the problem-solving process. Developmental tasks are partialized or deconstructed into manageable parts: agency analysis, the supervisory process, the formulation of learning goals, struggles with diversity and ethical dilemmas, etc. These tasks are processed through journals and assignments that require reflection on the intersection between experience, knowledge, skills, and self. In class, students are also encouraged to collectively utilize the problem-solving process to help their peers' in the resolution of learning dilemmas. Students are also continually reinforced to prepare agendas and actively assert their own learning needs in class and in supervision. (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

Taken during the senior year (approximately 200 hours), this course (along with SWK 90 Field Instruction II) 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 90 is required.

Credits: 6

Every Spring

LIU POST MINORS

COLLEGE OF ARTS, COMMUNICATIONS & DESIGN

Advertising	15 credits
Art History	15 credits
Art Studio	21 credits
Arts Entrepreneur	15 credits
Arts Management	18 credits
Broadcasting	15 credits
Communications	15 credits
Digital Arts & Design	15 credits
Digital Game Design & Development	18 credits
Film Studies	18 credits
Jazz Studies - Vocal or Instrumental	21 credits
Journalism	15 credits
Music	18 credits
Music Entrepreneurship	16 credits
Photography	21 credits
Public Relations	15 credits
Specialty Reporting	15 credits
Theater Arts	21 credits

COLLEGE OF EDUCATION, INFORMATION & TECHNOLOGY

Equine Studies	18 credits
Speech, Pathology & Audiology	21 credits
Sports Management	18 credits

COLLEGE OF LIBERAL ARTS & SCIENCES

American Political Process	21 credits
Anthropology	21 credits
Biology	25 credits
Chemistry	21 - 24 credits
Criminal Justice	18 credits
Criminalistics	18 credits
Earth Science	18-20 credits
Economics	18 credits
English	21 credits
Environmental Sustainability	16-18 credits
Forensic Chemistry	25 credits
Forensic Genetics	26 credits
Forensic Psychology	18 credits
Geography	20 credits

Geology	17 credits
Global Climate Change	17-18 credits
Financial Engineering	21 credits
French	18 credits
French Area Studies	15 credits
Gender & Sexuality	15 credits
Gender & Society	15 credits
German	18 credits
Hebrew	18 credits
Hispanic Area Studies	15 credits
History	15 credits
International Politics & Government	21 credits
International Studies	30 credits
Italian	18 credits
Italian Area Studies	15 credits
Italian for Music Majors	15 credits
Japanese	18 credits
Linguistics	21 credits
Mathematics	21-22 credits
Narrative Medicine	15 credits
Peace, Conflict & Social Justice	15 credits
Philosophy	18 credits
Physics	17-18 credits
Political Psychology	21 credits
Psychology	24 credits
Public Administration	21 credits
Race & Ethnicity (interdisciplinary)	15 credits
Race, Ethnicity & Society (sociology)	15 credits
Russian	18 credits
Russian Area Studies	15 credits
Science, Society & Technology	15 credits
Social Change & Social Inequalities	15 credits
Sociology	21 credits
Spanish	18 credits
Spanish for Health Professions	18 credits
Writing	21 credits

COLLEGE OF MANAGEMENT

Accounting	18 credits
Business Administration	18 credits
Branding and Licensing	18 credits
Computer Information Systems	18 credits
Computer for the Liberal Arts	18 credits

Computer Science	18 credits
Entrepreneurship	18 credits
Fashion Merchandising	18 credits
Game Development	18 credits
Information Management	18 credits
Information Technology	18 credits
Private Equity and Alternative Investments	12 credits
Programming	18 credits

SCHOOL OF HEALTH PROFESSIONS & NURSING

Health Care Administration	18 credits
Healthcare Coding and Reimbursement	18 credits
Healthcare Data Management	15 credits
Nutrition	14-15 credits
Public Service	18 credits
Social Work	18 credits

LIU POST 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, Communications & Design

Major	Hegis Code	Degree
Art	1002	BFA, MA
Art Education "B-12"	0831	BFA, MS
Art History & Theory / Museum Studies	1003 / 1099	BA / MA
Art Therapy	1099	BS
Arts Management	1099	BFA
Arts Management / Business Management	1099 / 0506	BFA / MBA
Broadcasting	0605	BFA
Clinical Art Therapy & Counseling	1099	MA
Dance Studies	1008	BFA
Digital Arts and Design	1002	BFA
Digital Game Design & Development	1099	BFA, BFA / MA, MA
Film	1010	BFA
Fine Arts & Design	1001	MFA
Instrumental Performance	1004	BM
Journalism	0602	BFA
Museum Studies	1099	MA
Music	1004	BS, MA
Music Education (Birth - Grade 12)	0832	BM, MS
Photography	1011	BFA
Public Relations	0604	BFA
Theatre	1007	MFA
Theatre Arts	1007	BA, BFA
Vocal Performance	1004	BM

College of Education, Information and Technology

Major	Hegis Code	Degree
Adolescence Education (Grades 7-12)	0803	MS
Adolescence Education (Grades 7-12): Pedagogy Only	0803	MS
Adolescence Education: English / English	1501.01/1501	BS / MA
History / Adolescence Education: Social Studies	0803/2205	BA / MS
Adolescence Education: Mathematics / Applied Mathematics	1701.01/1703	BS / MS
Adolescence Education: Biology	0401.01	BS
Adolescence Education: Chemistry	1905.01	BS

Adolescence Education: Earth Science	1917.01	BS
Adolescence Education: English	1501.01	BS
Adolescence Education: French	1102.01	BS
Adolescence Education: Italian	1109.01	BS
Adolescence Education: Mathematics	1701.01	BS
Adolescence Education: Social Studies	2201.01	BS
Adolescence Education: Spanish	1105.01	BS
Archives & Records Management	1699	Adv.Crt.
Art Education (B-Grade 12)	0831	BFA, MS
Childhood Education (Grades 1-6)	0802	BS, MS
Childhood Education and Early Childhood Education (dual initial certification)	0802	BS
Childhood Education and Literacy (dual certification)	0802/0830	MS
Childhood Education and Special Education (dual initial certification)	0802	BS
Childhood Education and Special Education (dual certification)	0802/0808	MS
Childhood Education and TESOL (dual initial certification)	0802	BS
Clinical Mental Health Counseling	2104.1	MS, Adv.Crt.
Early Childhood Education	0823	BS, MS
Early Childhood and Childhood Education (dual certification)	0823	MS
Early Childhood Education and Special Education (dual initial certification)	0823	BS
Early Childhood Education and TESOL (dual initial certification)	0823	BS
Educational Leadership	0828	MSEd, Adv.Crt.
Educational Technology	0899	MS
Health Education and Physical Education (dual initial certification)	0837	BS
Information Studies	0702	Ph.D.
Interdisciplinary Educational Studies	0899	Ed.D.
Library & Information Science	1601	MS
Library & Information Science / various (dual degrees with NYU)	1601 / various	MS / MA
Library and Information Science, School Library Media	0899.01	MS
Literacy (Birth-Grade 6)	0830	MSEd
Music Education (B-Grade 12)	0832	BM, MS
Physical Education	0835	BS
Public Library Administration	1601	Adv.Crt.
School Counselor	0826.01	MS
School District Business Leader	0827	MSEd, Adv.Crt.

Special Education	0808	MSEd
Speech-Language Pathology and Audiology	1220	BS
Speech-Language Pathology	1220	MA
Students with Disabilities (SWD) (Grades 7-12) Generalist	0808	Adv Crt
TESOL (Teaching English to Speakers of Other Languages)	1508	MA

International Studies	2210	BA
International Studies / Business Administration	2210 / 0506	BA / MBA
Literature and Diversity	1502	Adv. Crt.
Mathematics	1701	BA, BS
Mathematics and Physics	1799	BS
Mobile GIS Applications Development	0799	Adv. Crt.
Philosophy	1509	BA
Physics	1902	BA
Political Science	2207	BA, BA / MA, MA
Political Science / Public Administration	2207 / 2102	BA / MPA
Psychology	2001	BA, BS, MA
Sociology	2208	BA
Spanish	1105	BA
Writing, Rhetoric and Language	1502	Adv. Crt.

College of Liberal Arts and Sciences

Major	Hegis Code	Degree
Adolescence Education (Grades 7-12): (Biology, Earth Science, English, Mathematics, Social Studies or Spanish)	0803	MS
Adolescence Education: Biology	0401.01	BS
Adolescence Education: Chemistry	1905.01	BS
Adolescence Education: Earth Science	1917.01	BS
Adolescence Education: English	1501.01	BS
Adolescence Education: English / English	1501 / 1501	BS / MA
Adolescence Education: French	1102.01	BS
History / Adolescence Education: Social Studies	0803 / 2205	BA / MS
Adolescence Education: Italian	1109.01	BS
Adolescence Education: Mathematics	1701.01	BS
Adolescence Education: Mathematics / Applied Mathematics	1701.01 / 1703	BS / MS
Adolescence Education: Social Studies	2201.01	BS
Adolescence Education: Spanish	1105.01	BS
Applied Behavior Analysis	2099	Adv.Crt.
Applied Mathematics	1703	MS
Behavior Analysis	2099	MA
Biology	0401	BA, BS, MS
Chemistry	1905	BA
Clinical Psychology	2003	Psy.D.
Criminal Justice	2105	BA, BA / MS, MS
Economics	2204	BA
Economics / Business Administration	2204 / 0506	BA / MBA
English	1501	BA, MA
Environmental Sustainability	0115	MS
Forensic Science	1999.2	BS
Genetic Counseling	0422	MS
Geology	1914	BA
History	2205	BA, MA
Interdisciplinary Studies	4901	BA, BS, MA, MS

College of Management

Major	Hegis Code	Degree
Accountancy	0502	BS, BS / MS, MS
Accountancy	0502 / 0506	BS/MBA
Business Administration (Finance, International Business, Management or Marketing)	0506	BS, BS / MBA.
Business Administration	0506	MBA
Arts Management / Business Management	1099 / 0506	BFA / MBA
Computer Science	0702	BS
Economics / Business Administration	2204 / 0506	BA / MBA
Fashion Merchandising	0509	BS
Information Management & Technology	0799	BS
Information Systems	0702	BS, BS / MS, MS
International Studies / Business Administration	2210 / 0506	BA / MBA
Management Engineering	0913	MS
Technical Project Management	0799	MS

School of Health Professions and Nursing

Major	Hegis Code	Degree
Biomedical Science: Clinical Lab Science - Generalist	1299	BS
Biomedical Sciences	1299	MS
Biomedical Technology	1299	BS
Cardiovascular Perfusion (with North Shore University Hospital / Northwell Health)	1223	MS

Clinical Laboratory Science	1299	MS
Dietetics (Dietetic Internship)	1306	Adv.Crt.
Family Nurse Practitioner	1203.1	MS
Family Nurse Practitioner	1203.12	Adv.Crt.
Food, Nutrition & Wellness	1306	BS
Forensic Social Work	2104	Adv.Crt,
Gerontology	2299.1	Adv.Crt
Health Care Administration	1202	BS, BS / MPA, MPA
Health Care Administration / Law (with St. John's University School of Law)	1202 / 1401	MPA / JD
Health Informatics	1201	Adv.Crt.
Health Information Management	1215	BS
Health Information Management	5213	Crt.
Health Sciences	1201	BS
Nursing (4 year Generic)	1203.1	BS
Nursing (for RNs only)	1203.1	BS
Nursing Education	1203.1	MS
Non-Profit Management	2102	Adv.Crt.
Nutrition and Dietetics	1299	BS
Nutrition and Dietetics	1299 / 0424	BS / MS
Nutrition	0424	MS
Political Science / Public Administration	2207 / 2102	BA / MPA
Public Administration	2302	BS, BS / MPA, MPA
Radiologic Technology	1225	BS
Social Work	2104	BS, MSW

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